

Caisis Data Dictionary v6.0

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AbsentEvents

Description: Records that have been verified to not exist at a specific point in time

Columns

Name	Type	Len	Required	Description
PatientId	int	0	True	Foreign key to the patient data table
AbsentEventId	int	0	True	Primary key of this table
AbsentDateText	varchar	50	False	Date the medical record was reviewed to confirm that the record was not present
AbsentDate	datetime	0	False	Converted date value based on "Fuzzy" or partial date
TableName	varchar	50	True	Please select the table where the absent data would normally be stored
FieldName	varchar	50	True	Type of record detail not available for entry
FieldValue	varchar	50	True	Specific record unavailable for entry
AbsentReason	varchar	50	False	Reason why the record was absent
AbsentNotes	varchar	1000	False	Additional notes or comments related to this record
AbsentQuality	varchar	50	False	Record quality
EnteredBy	varchar	50	True	Username of the user who first entered this record
EnteredTime	datetime	0	True	Time this record was first entered
UpdatedBy	varchar	50	False	Username of the user who modified this record
UpdatedTime	datetime	0	False	Time stamp when the record was updated

Actions

Description: Phone calls, letters to patients, or other data entry related events that need to be recorded by users

Columns

Name	Type	Len	Required	Description
PatientId	int	0	True	References PatientID in Patients table (Foreign Key)
ActionId	int	0	True	Unique identifier for Actions table (Primary Key)
ActionPending	bit	0	False	Pending/scheduled action
ActionDateText	varchar	50	False	"Fuzzy" date of action
ActionDate	datetime	0	False	Computer interpreted date of action
ActionItem	varchar	50	True	Name of action taken: Data Correction, Followup Letter, Phone Call
ActionNotes	varchar	1000	False	Notes/comments about action record
EnteredBy	varchar	50	True	User who entered this record
EnteredTime	datetime	0	True	Date and time this record was entered
UpdatedBy	varchar	50	False	User who last updated this record
UpdatedTime	datetime	0	False	Date and time this record was last updated
LockedBy	varchar	50	False	User who locked this record
LockedTime	datetime	0	False	Date and time this record was locked

Allergies

Description: Medicine or environmental allergies that affect the patient

Columns

Name	Type	Len	Required	Description
PatientId	int	0	True	References PatientID in Patients table (Foreign Key)
AllergyId	int	0	True	Unique identifier for Allergies table (PrimaryKey)
Allergen	varchar	50	True	Patient allergen
AllergyResponse	varchar	50	False	Patient's allergic response or reaction
EnteredBy	varchar	50	True	User who entered this record
EnteredTime	datetime	0	True	Date and time this record was entered
UpdatedBy	varchar	50	False	User who last updated this record
UpdatedTime	datetime	0	False	Date and time this record was last updated
LockedBy	varchar	50	False	User who locked this record
LockedTime	datetime	0	False	Date and time this record was locked

Appointments

Description: Import table storing the Clinic schedules for all physicians

Columns

Name	Type	Len	Required	Description
AppointmentId	int	0	True	Unique identifier for Appointments table (Primary Key)
ApptPatientId	int	0	False	Unique identifier for Appointments table (Primary Key)
ApptMRN	varchar	50	False	Patient's medical record number
ApptTime	datetime	0	False	Patient's clinic appointment time
ApptLastName	varchar	50	False	Patient's last name
ApptFirstName	varchar	50	False	Patient's first name
ApptBirthDate	datetime	0	False	Patient's birth date
ApptPhysician	varchar	50	False	Physician scheduled to see patient at clinic appointment
ApptVisitType	varchar	50	False	Visit type for patient's clinic appointment
ApptDept	varchar	50	False	Department for patient's clinic appointment
ApptClinicDate	datetime	0	False	Patient's clinic appointment date
ApptNotes	varchar	1000	False	Notes/comments about patient's clinic appointment
ApptICD_Code	varchar	50	False	ICD code for Appointment
ApptICD_CodeDescription	varchar	50	False	ICD code descriptive text
ApptHide	varchar	50	False	Temporarily hide this appointment record
EnteredBy	varchar	50	True	User who entered this record
EnteredTime	datetime	0	True	Date and time this record was entered
UpdatedBy	varchar	50	False	User who last updated this record
UpdatedTime	datetime	0	False	Date and time this record was last updated

BiopsyPath

Description: Pathology report for biopsy specimen (any site except prostate)

Columns

Name	Type	Len	Required	Description
PathologyId	int	0	True	References PathologyId in Pathology table (Primary Key / Foreign Key)
PathVascularInv	varchar	50	False	Presence of lymphovascular invasion in biopsy specimen
PathPerineuralInv	varchar	50	False	Presence of perineural invasion (PNI) in biopsy specimen
EnteredBy	varchar	50	True	User who entered this record
EnteredTime	datetime	0	True	Date and time this record was entered
UpdatedBy	varchar	50	False	User who last updated this record
UpdatedTime	datetime	0	False	Date and time this record was last updated

BrachyTherapy

Description: Prostate cancer specific brachytherapy details and measurements

Columns

Name	Type	Len	Required	Description
OperatingRoomDetailId	int	0	False	References Operating Room Detail table (Optional Foreign Key)
PatientId	int	0	True	References PatientID in Patients table (Foreign Key)
BrachyCPT_Code	varchar	50	False	CPT code for brachytherapy procedure
BrachyCPT_Description	varchar	255	False	CPT code descriptive text
BrachyPhysician	varchar	50	False	Physician who performed brachytherapy procedure
BrachyPending	bit	0	False	Pending/scheduled brachytherapy
BrachyDateText	varchar	50	False	"Fuzzy" date of brachytherapy
BrachyDate	datetime	0	False	Computer interpreted brachytherapy date
BrachyTime	varchar	50	False	Time of brachytherapy implant (scheduled)
BrachyPrescribedDose	varchar	50	False	Prescribed dose (Gy) for brachytherapy implant
BrachyDoseNotes	varchar	1000	False	Notes/comments about brachytherapy dosimetry
BrachyIsotope	varchar	50	False	Isotope for brachytherapy implant: iodine I-125, palladium Pd-103
BrachyRecTotalActivity	varchar	50	False	Recommended total activity (cGy)
BrachySeedStrength	varchar	50	False	Total seed strength (u) Total Seed Activity / Number of Seeds
BrachyTotalActivity	varchar	50	False	Total seed activity (u)
BrachyPercActivity	varchar	50	False	Total seed activity / (recommended total activity + 10%)
BrachyNumSeedsPlanned	varchar	50	False	Planned number of seeds - should be on dosimetry form
BrachyNumNeedlesPlanned	varchar	50	False	Number of needles planned
BrachyPreV100	varchar	50	False	Pre-planned volume (cc) of prostate receiving 100% of dose
BrachyPreV150	varchar	50	False	Pre-planned volume (cc) of prostate receiving 150% of dose
BrachyPreV200	varchar	50	False	Pre-planned volume (cc) of prostate receiving 200% of dose
BrachyPreD90	varchar	50	False	Pre-planned dose (cGy) of 90% of Prostate
BrachyPreUrethraVolume	varchar	50	False	Pre-treatment urethral volume (cc)
BrachyPreUrethraD90	varchar	50	False	Pre-planned actual dose (cGy) to 90% of urethra
BrachyOpUS_Volume	varchar	50	False	Intra-operative ultrasound volume (cc)
BrachyOpV100	varchar	50	False	Intra-operative volume of prostate receiving 100% of dose
BrachyOpV150	varchar	50	False	Intra-operative volume of prostate receiving 150% of dose
BrachyOpV200	varchar	50	False	Intra-operative volume of prostate receiving 200% of dose
BrachyOpD90	varchar	50	False	Intra-operative dose to 90% of prostate
BrachyOpUrethraVolume	varchar	50	False	Intra-operative volume (cc) of urethra (CT Scan or Ultrasound)
BrachyOpUrethraD90	varchar	50	False	Intra-Operative Actual Dose to 90% of urethra
BrachyNumSeeds	varchar	50	False	Actual number of seeds implanted
BrachyNumNeedles	varchar	50	False	Number of needles used
BrachyDVH	varchar	50	False	Dose volume histogram
BrachyV90	varchar	50	False	Volume (cc) of prostate receiving 90% of dose
BrachyV100	varchar	50	False	Volume (cc) of prostate receiving 100% of dose
BrachyV150	varchar	50	False	Volume (cc) of prostate receiving 150% of dose
BrachyV200	varchar	50	False	Volume (cc) of prostate receiving 200% of dose
BrachyD80	varchar	50	False	Dose (cGy) to 80% of prostate
BrachyD90	varchar	50	False	Dose (cGy) to 90% of prostate
BrachyPercD90	varchar	50	False	Percent of dose (cGy) to 90% of prostate
BrachyD100	varchar	50	False	Dose (cGy) to 100% of prostate
BrachyPercD100	varchar	50	False	Percent dose (cGy) to 100% of prostate
BrachyMinDose	varchar	50	False	Minimum dose (cGy)
BrachyMPD	varchar	50	False	Minimum prostate dose (cGy)
BrachyVg100	varchar	50	False	Volume (cc) 100 iso
BrachyMaxUrethraDose	varchar	50	False	Maximum dose to urethra

BrachyAvgUrethraDose	varchar	50	False	Average dose to urethra
BrachyUrethraV100	varchar	50	False	Post-implant volume (cc) of urethra receiving 100% of dose
BrachyUrethraV150	varchar	50	False	Post-implant volume (cc) of urethra receiving 150% of dose
BrachyUrethraV200	varchar	50	False	Post-implant volume (cc) of urethra receiving 200% of dose
BrachyUrethraD90	varchar	50	False	Post-implant dose (cGy) to 90% of urethra
BrachyUrethraD30	varchar	50	False	Post-implant dose (cGy) to 30% of urethra
BrachyUrethraD5	varchar	50	False	Dose (cGy) to 5% of urethra
BrachyRectumV100	varchar	50	False	Post-implant volume (cc) of rectum receiving 100% of dose
BrachyRectumV150	varchar	50	False	Post-implant volume (cc) of rectum receiving 150% of dose
BrachyRectumV200	varchar	50	False	Post-implant volume (cc) of rectum receiving 200% of dose
BrachyMaxRectumDose	varchar	50	False	Maximum dose (cGy) to rectum
BrachyAvgRectumDose	varchar	50	False	Average dose (cGy) to rectum
BrachyLungSeeds	varchar	50	False	Free seeds in lung
BrachyPelvisSeeds	varchar	50	False	Free seeds in pelvis
BrachyProstateSeeds	varchar	50	False	Number of seeds counted within prostate
BrachyNVB	varchar	50	False	Dose to neurovascular bundles
BrachyPenileBulb	varchar	50	False	Dose to penile bulb
BrachyInstitution	varchar	50	False	Institution where brachytherapy was performed
BrachyNotes	varchar	1000	False	Notes/comments about brachytherapy procedure
BrachyDataSource	varchar	100	False	Data source: radiation oncology note, encounter note, data form
BrachyQuality	varchar	50	False	Data quality of brachytherapy record
EnteredBy	varchar	50	True	User who entered this record
EnteredTime	datetime	0	True	Date and time this record was entered
UpdatedBy	varchar	50	False	User who last updated this record
UpdatedTime	datetime	0	False	Date and time this record was last updated
LockedBy	varchar	50	False	User who locked this record
LockedTime	datetime	0	False	Date and time this record was locked

BreastPath

Description: Pathology report for breast surgery specimen

Columns

Name	Type	Len	Required	Description
PathologyId	int	0	True	References PathologyId in Pathology table (Primary Key / Foreign Key)
PathMargin	varchar	50	False	Surgical margin status
PathSuperiorMargin	varchar	50	False	Size of superior margin
PathInferiorMargin	varchar	50	False	Size of inferior margin
PathAnteriorMargin	varchar	50	False	Size of anterior margin
PathPosteriorMargin	varchar	50	False	Size of posterior margin
PathIntraductal	varchar	50	False	Presence of intraductal cancer in specimen
PathMultifocal	varchar	50	False	Presence of multifocal tumor in surgical specimen
PathLocation	varchar	50	False	Primary location
PathLocation2	varchar	50	False	Secondary location
PathExtension	varchar	50	False	Level of extension/local invasion of cancer in breast surgery specimen
PathNumFociCancer	varchar	50	False	Number of foci of cancer present in breast surgery specimen
PathNucPleo	varchar	50	False	Nuclear pleomorphism
PathTubForm	varchar	50	False	Tubular formation
PathMitIdx	varchar	50	False	Mitosis index
PathTumorMaxDim	varchar	50	False	Maximun Dimension of Tumor (cm)
PathAngloInv	varchar	50	False	Angle of invasion
PathLymphaticInv	varchar	50	False	Lymphatic Invasion Present
PathVascularInv	varchar	50	False	Vascular invasion present
PathPerineuralInv	varchar	50	False	Perineural Invasion
PathAssInSitu	varchar	50	False	Carcinoma in situ
PathExtentInSitu	varchar	50	False	Extent of in situ carcinoma
PathNuclearGrade	varchar	50	False	Pathology Nuclear grade
PathInSituNecrosis	varchar	50	False	Necrosis in situ
PathCalcifications	varchar	50	False	Other calcifications
PathBenign	varchar	50	False	Benign diagnosis
PathNumReExcision	varchar	50	False	Number of reexcisions for this patient
PathNumPositiveMargins	varchar	50	False	Number of positive margins
EnteredBy	varchar	50	True	User who entered this record
EnteredTime	datetime	0	True	Date and time this record was entered
UpdatedBy	varchar	50	False	User who last updated this record
UpdatedTime	datetime	0	False	Date and time this record was last updated

BreastPathFinding

Description: Breast cancer invasion and ductal carcinoma in situ by location

Columns

Name	Type	Len	Required	Description
PathologyId	int	0	True	
BreastPathFindingId	int	0	True	
PathFindLocation	varchar	50	False	Location within the breast
PathFindInvasive	varchar	50	False	Presence of invasion
PathFindInsitu	varchar	50	False	Presence of ductal carcinoma in situ
EnteredBy	varchar	50	True	
EnteredTime	datetime	0	True	
UpdatedBy	varchar	50	False	
UpdatedTime	datetime	0	False	

BreastProc

Description: Operative report for breast surgery

Columns

Name	Type	Len	Required	Description
ProcedureId	int	0	True	References ProcedureId in Procedures table (Primary Key / Foreign Key)
ProcSentinelNodeMapping	varchar	50	False	Sentinel node mapping
ProcAxillaryClearance	varchar	50	False	Axillary clearance
ProcNumFoci	varchar	50	False	Number of foci
ProcLocClock	varchar	50	False	Location by clock position
ProcLocQuadrant	varchar	50	False	Location quadrant
ProcLocRegion	varchar	50	False	Location region
ProcLocDepth	varchar	50	False	Location depth
EnteredBy	varchar	50	True	User who entered this record
EnteredTime	datetime	0	True	Date and time this record was entered
UpdatedBy	varchar	50	False	User who last updated this record
UpdatedTime	datetime	0	False	Date and time this record was last updated

BreastReconstructionProc

Description: Breast reconstruction details

Columns

Name	Type	Len	Required	Description
ProcedureId	int	0	True	
ProcReconstructionType	varchar	50	False	
ProcTissueExpander	varchar	50	False	
ProcImplantStaging	varchar	50	False	
ProcImplantPlacement	varchar	50	False	
ProcImplantCapsule	varchar	50	False	
ProcImplantFilling	varchar	50	False	
ProcImplantShape	varchar	50	False	
ProcImplantManufacturer	varchar	50	False	
ProcImplantCupSize	varchar	50	False	
ProcContralateralBreast	varchar	50	False	
ProcNumberofDrains	varchar	50	False	
EnteredBy	varchar	50	True	
EnteredTime	datetime	0	True	
UpdatedBy	varchar	50	False	
UpdatedTime	datetime	0	False	

Categories

Description: User defined public or private lists of patients

Columns

Name	Type	Len	Required	Description
PatientId	int	0	True	References PatientID in Patients table (Foreign Key)
CategoryId	int	0	True	Unique identifier for Categories table (PrimaryKey)
Category	varchar	50	True	Category or Keyword Used to Group Patients
CategoryType	varchar	50	True	Public or Private
EnteredBy	varchar	50	True	User who entered this record
EnteredTime	datetime	0	True	Date and time this record was entered
UpdatedBy	varchar	50	False	User who last updated this record
UpdatedTime	datetime	0	False	Date and time this record was last updated
LockedBy	varchar	50	False	User who locked this record
LockedTime	datetime	0	False	Date and time this record was locked

ClinicalStages

Description: Disease specific clinical stage bases on physical exam and sometime imaging

Columns

Name	Type	Len	Required	Description
PatientId	int	0	True	
ClinicalStageId	int	0	True	Unique identifier for ClinicalStages table (PrimaryKey)
ClinStageDateText	varchar	50	False	"Fuzzy" date of clinical staging
ClinStageDate	datetime	0	False	Computer interpreted clinical staging date
ClinStageDisease	varchar	50	False	Disease staged by UICC/AJCC system
ClinStageGroup	varchar	50	False	UICC/AJCC stage group
ClinStageSystem	varchar	50	False	UICC/AJCC clinical TNM staging system (year)
ClinStageT	varchar	50	True	UICC/AJCC clinical tumor (T) stage
ClinStageN	varchar	50	False	UICC/AJCC clinical nodes (N) stage
ClinStageM	varchar	50	False	UICC/AJCC clinical metastasis (M) stage
ClinStageS	varchar	50	False	UICC/AJCC serum marker (S) stage
ClinStageSide	varchar	50	False	Side of the body being staged
ClinStagePhysician	varchar	50	False	Physician who assigned clinical stage
ClinStageNotes	varchar	1000	False	Notes/comments about clinical stage
ClinStageDataSource	varchar	100	False	Data source: encounter note, data form
ClinStageQuality	varchar	50	True	Data quality of clinical tumor staging record
EnteredBy	varchar	50	True	
EnteredTime	datetime	0	True	
UpdatedBy	varchar	50	False	
UpdatedTime	datetime	0	False	
LockedBy	varchar	50	False	
LockedTime	datetime	0	False	

ColorectalPath

Description: Pathology report for colorectal surgery specimen

Columns

Name	Type	Len	Required	Description
PathologyId	int	0	True	References PathologyId in Pathology table (Primary Key / Foreign Key)
PathICD9_Code	varchar	50	False	International Classification of Diseases (ICD) code, 9th revision
PathICD0_Code	varchar	50	False	International Classification of Diseases (ICD) code, 10th revision
PathDiseaseExtent	varchar	50	False	Disease extent
PathPercResponse	varchar	50	False	Percent Response
EnteredBy	varchar	50	True	User who entered this record
EnteredTime	datetime	0	True	Date and time this record was entered
UpdatedBy	varchar	50	False	User who last updated this record
UpdatedTime	datetime	0	False	Date and time this record was last updated

ColorectalPathFinding

Description: Detailed pathology findings from colorectal surgery specimen

Columns

Name	Type	Len	Required	Description
PathologyId	int	0	True	References PathologyId in Pathology table (Foreign Key)
ColorectalPathFindingId	int	0	True	Unique identifier for ColorectalPathFinding table (Primary Key)
PathFindGrade	varchar	50	False	Differentiation
PathFindDistalMargin	varchar	50	False	Distal margin status
PathFindPerineuralInv	varchar	50	False	Presence of perineural invasion (PNI) in colorectal surgery specimen
PathFindPolypsAwayFromCancer	varchar	50	False	Polyps away from cancer
PathFindConfiguration	varchar	50	False	Gross configuration
PathFindDistalMarginSize	varchar	50	False	Distal margin size in cm, rectal cases only
PathFindVascularInv	varchar	50	False	Presence of lymphovascular invasion in surgery specimen
PathFindTumorMaxDim	varchar	50	False	Tumor maximum dimension in cm
PathFindLateralMargin	varchar	50	False	Lateral margin status
PathFindProximalMargin	varchar	50	False	Proximal margin status
PathFindNonNeoplasticBowel	varchar	50	False	Non-neoplastic bowel
PathFindPolypAwayNum	varchar	50	False	# of Polyps Away from Cancer
PathFindPolypAwayType	varchar	50	False	Polyp Type Away
PathFindPolypPreExisting	varchar	50	False	Pre-existing polyp
PathFindPolypPreExistingNum	varchar	50	False	# of Polyps Pre-Existing
PathFindPolypPreExistingType	varchar	50	False	Polyp Type Pre-Existing
EnteredBy	varchar	50	True	User who entered this record
EnteredTime	datetime	0	True	Date and time this record was entered
UpdatedBy	varchar	50	False	User who last updated this record
UpdateTime	datetime	0	False	Date and time this record was last updated

ColorectalProc

Description: Operative details for for colorectal surgery

Columns

Name	Type	Len	Required	Description
ProcedureId	int	0	True	References ProcedureId in Procedures table (Primary Key / Foreign Key)
ProcIntent	varchar	50	False	Intent of operation
ProcComplication	varchar	255	False	Complication
ProcTumorObstruction	varchar	50	False	Tumor obstruction
ProcPerforation	varchar	50	False	Perforation (clinical)
ProcCompleteResection	varchar	50	False	Surgeon's visual assessment of completeness of resection
ProcDiseaseExtent	varchar	50	False	Surgeon's assessment of disease extent based on pre-operative colonoscopy / biopsy
ProcPathType	varchar	50	False	Surgeon's assessment of pathology based on pre-operative colonoscopy / biopsy
ProcTumorAnalVerge	varchar	50	False	For rectal cases, distance from tumor to lower edge of anal verge in cm
ProcRectalExamPreOp	varchar	50	False	Pre-operative rectal exam
ProcRectalLocation	varchar	50	False	For rectal cases, location of tumor within colon, by thirds
ProcAPR_PreOp	varchar	50	False	For rectal cases, pre-operative assessment of lesion to the anterior peritoneal reflection
ProcAPR_IntraOp	varchar	50	False	For rectal cases, Intra-operative assessment of lesion to the anterior peritoneal reflection
ProcAnast	varchar	50	False	Anastomosis, for lower anterior resection cases
ProcAnatomy	varchar	50	False	Anatomy, for lower anterior resection cases
ProcSplenicFlexure	varchar	50	False	Splenic flexure, for lower anterior resection cases
ProcPouchSize	varchar	50	False	Reservoir pouch size in cm, for lower anterior resection cases
ProcColoplastySize	varchar	50	False	Reservoir coloplasty size in cm, for lower anterior resection cases
ProcProximalTransection	varchar	50	False	Proximal transection, for lower anterior resection cases
ProcArteryLigation	varchar	255	False	Arterial ligation, for lower anterior resection cases
ProcAnastAnalVergeDist	varchar	50	False	Distance from anastomosis to anal verge in cm, for lower anterior resection cases
ProcMucosectomy	varchar	50	False	Mucosectomy, for lower anterior resection cases
ProcColostomyIleostomy	varchar	50	False	Temporary colostomy ileostomy, for lower anterior resection cases
ProcIntraSphinctericDissection	varchar	50	False	Intrasphincteric dissection, for lower anterior resection cases
ProcSynchronousResection	varchar	50	False	Synchronous resection
ProcSynchResectionLiver	varchar	50	False	Synchronous resection of liver
ProcSynchResectionLung	varchar	50	False	Synchronous resection of lung
ProcSynchResectionRetroperitonealNodal	varchar	50	False	Synchronous resection of retroperitoneum
ProcSynchResectionOvary	varchar	50	False	Synchronous resection of ovary
ProcSynchResectionPeritoneal	varchar	50	False	Synchronous resection of peritoneum
ProcSynchResectionOther	varchar	50	False	Synchronous resection of other site
ProcAbdominalSkinClosure	varchar	50	False	
ProcAdhesionBarrier	varchar	50	False	Adhesion Barrier
ProcPerinealDissectionPlane	varchar	50	False	Perineal Dissection Plane
ProcDistalIntestinalDivisionPoint	varchar	50	False	Distal Intestinal Division Point
ProcProximalIntestinalDivisionPoint	varchar	50	False	Proximal Intestinal Division Point
ProcSewnTechnique	varchar	50	False	Sewn Technique
ProcStaplerSize	varchar	50	False	Size of Stapler
ProcStaplerType	varchar	50	False	Type of Stapler
ProcLapComponentPerformed	varchar	255	False	Components Performed Laparoscopically

ProcLapDescription	varchar	50	False	Laparoscopic Approach Description
ProcDrains	varchar	50	False	Drains performed
ProcColoanalAnast	varchar	50	False	Coloanal anastomosis performed
ProcLA_Configuration	varchar	50	False	Configuration (Loop/End)
ProcLA_Diversion	varchar	50	False	Diversion (Ileostomy/Colostomy)
ProcLA_MesorectalExcisionExtent	varchar	50	False	Extent of mesorectal excision
ProcLA_LeftManeuverColonPelvicAnast	varchar	255	False	Maneuvers to lengthen left colon for pelvic anastomosis
ProcParasympatheticNervesPreserved	varchar	50	False	Parasympathetic nerves preserved
ProcRectumDividedDistalToTumor	varchar	50	False	Rectum divided distal to the tumor
ProcAirLeakTest	varchar	50	False	Airleak test performed
ProcSympatheticNervesPreserved	varchar	50	False	sympathetic nerves preserved
ProcFasciaClosedPort	varchar	50	False	port(s) Fascia closed on
ProcSpecimenExtractIncisionLocation	varchar	50	False	Location of specimen extraction incision
ProcMethodOfEntry	varchar	50	False	Method of entry
ProcHandPortIncisionOrientation	varchar	50	False	Orientation of hand port incision
ProcSpecimenExtractIncisionOrientation	varchar	50	False	Orientation of specimen extraction incision
ProcPortSizes	varchar	50	False	Size of ports
ProcTumorLocation	varchar	255	False	Tumor location
ProcUreterPreserved	varchar	50	False	Ureter preserved
ProcAdhesion	varchar	50	False	Adhesion
ProcNotes	varchar	2000	False	Additional Procedure Comments
EnteredBy	varchar	50	True	User who entered this record
EnteredTime	datetime	0	True	Date and time this record was entered
UpdatedBy	varchar	50	False	User who last updated this record
UpdatedTime	datetime	0	False	Date and time this record was last updated

Comorbidities

Description: Patient's current comorbidities (including other cancer diagnoses)

Columns

Name	Type	Len	Required	Description
PatientId	int	0	True	References PatientID in Patients table (Foreign Key)
ComorbidityId	int	0	True	Unique identifier for Comorbidities table (PrimaryKey)
ComorbDateText	varchar	50	False	"Fuzzy" date of comorbidity diagnosis
ComorbDate	datetime	0	False	Computer interpreted comorbidity diagnosis date
ComorbSystem	varchar	50	False	Specified organ system for comorbidity
Comorbidity	varchar	50	True	Comorbidity (including other cancer diagnosis)
ComorbICD9_Code	varchar	50	False	International Classification of Diseases (ICD) code, 9th edition
ComorbICD0_Code	varchar	50	False	International Classification of Diseases (ICD) code, 10th edition
ComorbTreatment	varchar	50	False	Comorbidity treated
ComorbGrade	varchar	50	False	Severity of the comorbid medical issue
ComorbStatus	varchar	50	False	Status of medical issue
ComorbDuration	varchar	50	False	Duration of time that the patient afflicted by comorbidity
ComorbNotes	varchar	1000	False	Notes/comments about comorbidity
ComorbDataSource	varchar	100	False	Data source: encounter note, data form, data feed
ComorbQuality	varchar	50	False	Data quality for comorbidity record
EnteredBy	varchar	50	True	User who entered this record
EnteredTime	datetime	0	True	Date and time this record was entered
UpdatedBy	varchar	50	False	User who last updated this record
UpdatedTime	datetime	0	False	Date and time this record was last updated
LockedBy	varchar	50	False	User who locked this record
LockedTime	datetime	0	False	Date and time this record was locked

Contact

Description: Contact details for projects, protocols, and other resaerch related staff

Columns

Name	Type	Len	Required	Description
ContactId	int	0	True	
UserId	int	0	False	
FirstName	varchar	50	False	
LastName	varchar	50	False	
Address1	varchar	50	False	
Address2	varchar	50	False	
City	varchar	50	False	
State	varchar	50	False	
PostalCode	varchar	50	False	
Country	varchar	50	False	
ContactType	varchar	50	False	
Title	varchar	100	False	
Degree	varchar	50	False	
Department	varchar	50	False	
Occupation	varchar	50	False	
Assistant	varchar	50	False	
AssistantPhone	varchar	50	False	
AssistantFax	varchar	50	False	
AssistantEmail	varchar	50	False	
Notes	varchar	1000	False	
EnteredBy	varchar	50	True	
EnteredTime	datetime	0	True	
UpdatedBy	varchar	50	False	
UpdatedTime	datetime	0	False	

ContactMethod

Description: Emails and phone numbers for contacts

Columns

Name	Type	Len	Required	Description
ContactId	int	0	True	
ContactMethodId	int	0	True	
Type	varchar	50	False	
ContactData	varchar	50	False	
Notes	varchar	1000	False	
Priority	int	0	False	
EnteredBy	varchar	50	True	
EnteredTime	datetime	0	True	
UpdatedBy	varchar	50	False	
UpdatedTime	datetime	0	False	

ContactRegulatoryDetail

Description: Protocol related regulatory documents required for clinical trials

Columns

Name	Type	Len	Required	Description
ContactId	int	0	True	
ContactRegulatoryDetailId	int	0	True	
RegDocApprovalDate	datetime	0	False	
RegDocExpirationDate	datetime	0	False	
RegDocType	varchar	50	False	
RegDocName	varchar	50	False	
RegDocLocation	varchar	255	False	
RegDocNotes	varchar	1000	False	
EnteredBy	varchar	50	True	
EnteredTime	datetime	0	True	
UpdatedBy	varchar	50	False	
UpdatedTime	datetime	0	False	

CystectomyPath

Description: Pathology report for cystectomy specimen

Columns

Name	Type	Len	Required	Description
PathologyId	int	0	True	
PathNumLesions	varchar	50	False	Number of lesions found in cystectomy specimen
PathExtension	varchar	50	False	Level of extension/local invasion of cancer in cystectomy specimen
PathPattern	varchar	50	False	Non Invasive Growth pattern of cancer in cystectomy specimen
PathPatternInvasive	varchar	50	False	Invasive Growth pattern of cancer in cystectomy specimen
PathBladderMargin	varchar	50	False	Bladder margin status: positive/negative
PathBladderWallMargin	varchar	50	False	Bladder wall margin status: positive/negative
PathL_UreterMargin	varchar	50	False	Left ureteral margin status
PathR_UreterMargin	varchar	50	False	Right ureteral margin status
PathL_UreterInv	varchar	50	False	Cancer involves/invades left ureter
PathR_UreterInv	varchar	50	False	Cancer involves/invades right ureter
PathUrethraMargin	varchar	50	False	Surgical margin status of urethra
PathUrethraInv	varchar	50	False	Cancer involves/invades urethra
PathSoftTissueMargin	varchar	50	False	Soft tissue margin status
PathMucosaMargin	varchar	50	False	Mucosal margin status
PathMultifocal	varchar	50	False	Presence of multifocal tumor in surgery specimen
PathCarcinomaInSitu	varchar	50	False	Presence of carcinoma in situ in cystectomy specimen
PathPerineuralInv	varchar	50	False	Presence of perineural invasion (PNI) in cystectomy specimen
PathVascularInv	varchar	50	False	Presence of lymphovascular invasion in surgery specimen
PathProstateInv	varchar	50	False	Cancer involves/invades prostate
EnteredBy	varchar	50	True	User who entered this record
EnteredTime	datetime	0	True	Date and time this record was entered
UpdatedBy	varchar	50	False	User who last updated this record
UpdatedTime	datetime	0	False	Date and time this record was last updated

CystectomyPathFinding

Description: Detailed pathology findings from cystectomy specimen

Columns

Name	Type	Len	Required	Description
PathologyId	int	0	True	References PathologyId in Pathology table (Foreign Key)
CystectomyPathFindingId	int	0	True	Unique identifier for CystectomyPathFinding table (Primary Key)
PathFindSide	varchar	50	False	Side of pathologic finding from cystectomy specimen: left/right
PathFindLevel	varchar	50	False	Cranial-caudal location (level) of finding from cystectomy specimen
PathFindLaterality	varchar	50	False	Laterality of finding from cystectomy specimen
PathFindAP	varchar	50	False	Anterior/posterior location of finding from cystectomy specimen
PathFindSite	varchar	50	False	Anatomic location/site of finding from cystectomy specimen
PathFindStageT	varchar	50	False	UICC/AJCC pathologic TNM stage of finding from cystectomy specimen
PathFindGrade	varchar	50	False	Pathologic grade of finding from cystectomy specimen
PathFindNum	varchar	50	False	Number of findings at specified location (can be multiple)
PathFindMaxDim	varchar	50	False	Maximum dimension (cm) of finding from cystectomy specimen
PathFindNotes	varchar	1000	False	Notes/comments about pathology findings
EnteredBy	varchar	50	True	User who entered this record
EnteredTime	datetime	0	True	Date and time this record was entered
UpdatedBy	varchar	50	False	User who last updated this record
UpdatedTime	datetime	0	False	Date and time this record was last updated

CystectomyProc

Description: Operative report for cystectomy

Columns

Name	Type	Len	Required	Description
ProcedureId	int	0	True	References ProcedureId in Procedures table (Primary Key / Foreign Key)
ProcCompleteResection	varchar	50	False	Was all tumor resected? Yes/No
ProcBladderMargin	varchar	50	False	Bladder margin status: positive/negative
ProcBladderMarginFrozen	varchar	50	False	Bladder margin confirmed by frozen section?
ProcL_UreterMargin	varchar	50	False	Ureteral margin status: positive/negative
ProcL_UreterMarginFrozen	varchar	50	False	Ureteral margin confirmed by frozen section: Yes/No
ProcR_UreterMargin	varchar	50	False	Ureteral margin status: positive/negative
ProcR_UreterMarginFrozen	varchar	50	False	Ureteral margin confirmed by frozen section: Yes/No
ProcUrethraMargin	varchar	50	False	Urethral margin status: positive/negative
ProcUrethraMarginFrozen	varchar	50	False	Urethral margin confirmed by frozen section
ProcUrethrectomy	varchar	50	False	Urethrectomy performed: No/En Block/Separate Procedure
ProcR_UreterAnast	varchar	50	False	Level of right ureteral anastomosis
ProcL_UreterAnast	varchar	50	False	Level of left ureteral anastomosis
ProcLateralPedicleClips	varchar	50	False	Lateral pedicles: clips
ProcLateralPedicleStaples	varchar	50	False	Lateral pedicles: staples
ProcLateralPedicleTies	varchar	50	False	Lateral pedicles: ties
ProcPosteriorPedicleClips	varchar	50	False	Posterior pedicles: clips
ProcPosteriorPedicleStaples	varchar	50	False	Posterior pedicles: staples
ProcPosteriorPedicleTies	varchar	50	False	Posterior pedicles: ties
ProcHypogastricArteryLigation	varchar	50	False	Ligation of right, left, both or no hypogastric arteries
ProcIncompletePelvicFloor	varchar	50	False	Incomplete resection of pelvic floor
ProcIncompleteSideWall	varchar	50	False	Incomplete resection of pelvic side wall
ProcIncompleteRectum	varchar	50	False	Incomplete resection of rectum
ProcGrossEVD	varchar	50	False	Gross evidence of extravescicle disease
ProcVaginaResection	varchar	50	False	Vagina resection performed
ProcVaginaResectionAnterior	varchar	50	False	Anterior wall of vagina resected
ProcVaginaResectionLateral	varchar	50	False	Lateral wall of vagina resected
ProcVaginaReconstruction	varchar	50	False	Type of vaginal reconstruction performed: none, rectus flap, gracilis flap, other
ProcRectum	varchar	50	False	Rectal resection reason
ProcColon	varchar	50	False	Colon resection reason
ProcSmallBowel	varchar	50	False	Small bowel resection reason
ProcAnastQuality	varchar	50	False	Vesicourethral anastomosis quality: 0-4+ (surgeon's judgement)
ProcAnastNumSutures	varchar	50	False	Number of sutures for vesicourethral anastomosis
ProcAnastSuturePattern	varchar	50	False	Suture pattern for vesicourethral anastomosis
ProcAnastSutureNotes	varchar	255	False	Suture notes for vesicourethral anastomosis
ProcBN_Diam	varchar	50	False	Diameter (cm) of bladder neck
ProcBN_DegreeEversion	varchar	50	False	Bladder neck degree of eversion
ProcSuspVeinComplex	varchar	50	False	Suspended venous complex
ProcBladderSparingQuality	varchar	50	False	Quality of bladder sparing (0-4+)
ProcUrethralStump	varchar	50	False	Subjective score of urethral stump (0-4+)
ProcBladderClosure	varchar	50	False	Bladder closure
ProcNerveSparing	varchar	50	False	Nerve sparing prostatectomy performed?
ProcL_DopplerStatus	varchar	50	False	Left Doppler probe status
ProcL_DopplerVA	varchar	50	False	Left visual assessment status
ProcL_NVBDissectionType	varchar	50	False	Left neurovascular bundle dissection type

ProcL_NV_B_Status	varchar	50	False	Status of left neurovascular bundle
ProcL_NV_B_Graft	varchar	50	False	Left neurovascular bundle grafted?
ProcL_NV_B_Donor	varchar	50	False	Donor site for left neurovascular bundle graft
ProcL_NV_B_Quality	varchar	50	False	Quality of left neurovascular bundle graft: 0-4+ (surgeon's judgement)
ProcR_DopplerStatus	varchar	50	False	Right Doppler probe status
ProcR_DopplerVA	varchar	50	False	Right visual assessment status
ProcR_NV_B_DissectionType	varchar	50	False	Right neurovascular bundle dissection type
ProcR_NV_B_Status	varchar	50	False	Status of right neurovascular bundle
ProcR_NV_B_Graft	varchar	50	False	Right neurovascular bundle grafted?
ProcR_NV_B_Donor	varchar	50	False	Donor site for right neurovascular bundle graft
ProcR_NV_B_Quality	varchar	50	False	Quality of right neurovascular bundle graft: 0-4+ (surgeon's judgement)
ProcRectalInjury	varchar	50	False	Presence of Rectal Injury
EnteredBy	varchar	50	True	User who entered this record
EnteredTime	datetime	0	True	Date and time this record was entered
UpdatedBy	varchar	50	False	User who last updated this record
UpdatedTime	datetime	0	False	Date and time this record was last updated

CystoscopyPath

Description: Pathology report for cystoscopic surgery specimen

Columns

Name	Type	Len	Required	Description
PathologyId	int	0	True	References PathologyId in Pathology table (Primary Key / Foreign Key)
PathMorphology	varchar	50	False	Gross morphology of cancer by endoscopic evaluation
PathCarcinomaInSitu	varchar	50	False	Carcinoma in situ found by endoscopic evaluation
PathPattern	varchar	50	False	Growth pattern of cancer by endoscopic evaluation
PathExtension	varchar	50	False	Level of extension/local invasion of cancer in biopsy specimen
PathVascularInv	varchar	50	False	Presence of lympho-vascular invasion/involvement
PathMucosaInv	varchar	50	False	Cancer involves mucosa
PathUrethra	varchar	50	False	Urethra status at endoscopy
EnteredBy	varchar	50	True	User who entered this record
EnteredTime	datetime	0	True	Date and time this record was entered
UpdatedBy	varchar	50	False	User who last updated this record
UpdatedTime	datetime	0	False	Date and time this record was last updated

CystoscopyPathFinding

Description: Detailed pathology findings from endoscopic procedure specimen

Columns

Name	Type	Len	Required	Description
PathologyId	int	0	True	References PathologyId in Pathology table (Foreign Key)
CystoscopyPathFindingId	int	0	True	Unique identifier for CystoscopyPathFinding table (Primary Key)
PathFindProc	varchar	50	False	Procedure used to acquire endoscopic biopsy finding from bladder
PathFindSide	varchar	50	False	Side of endoscopic biopsy finding from bladder
PathFindLaterality	varchar	50	False	Laterality of endoscopic biopsy finding from bladder
PathFindLevel	varchar	50	False	Cranial-caudal location (level) of endoscopic biopsy finding from bladder
PathFindAP	varchar	50	False	Anterior/posterior location of finding within bladder
PathFindSite	varchar	50	False	Anatomic location/site of endoscopic biopsy finding from bladder
PathFindPattern	varchar	50	False	Growth pattern of cancer in endoscopic biopsy specimen
PathFindHistology	varchar	255	False	Histology from endoscopic biopsy finding, in order of descending percentage (comma separated)
PathFindStageT	varchar	50	False	UICC/AJCC pathologic TNM stage of finding in endoscopic biopsy specimen
PathFindGrade	varchar	50	False	Pathologic grade of endoscopic biopsy finding
PathFindMaxDim	varchar	50	False	Maximum dimension (cm) of endoscopic biopsy finding from bladder
PathFindNum	varchar	50	False	Number of endoscopic biopsy findings at specified location (can be multiple) from bladder
PathFindMucosa	varchar	50	False	Mucosa involvement of endoscopic biopsy finding from bladder
PathFindMuscularisPropria	varchar	50	False	
EnteredBy	varchar	50	True	User who entered this record
EnteredTime	datetime	0	True	Date and time this record was entered
UpdatedBy	varchar	50	False	User who last updated this record
UpdatedTime	datetime	0	False	Date and time this record was last updated

CTC_AE_Category

Description:

Columns

Name	Type	Len	Required	Description
AE_CategoryIdentityID	int	0	True	
AE_CategoryID	int	0	False	
AE_TerminologyID	int	0	False	
AE_Category_ShortDesc	varchar	100	False	
AE_Category_Description	varchar	200	False	
EnteredTime	datetime	0	False	
EnteredBy	varchar	50	False	
UpdatedTime	datetime	0	False	
UpdatededBy	varchar	50	False	

CTC_AE_Terminology

Description:

Columns

Name	Type	Len	Required	Description
AE_TerminologyID	int	0	True	
AE_Terminology_ShortDesc	varchar	50	False	
AE_Terminology_LongDesc	varchar	250	False	
AE_Terminology_Date_Of_Issue	datetime	0	False	
EnteredTime	datetime	0	False	
EnteredBy	varchar	50	False	
UpdatedTime	datetime	0	False	
UpdatedBy	varchar	50	False	

CTC_AE_Toxicity_Grades

Description:

Columns

Name	Type	Len	Required	Description
CTC_AE_Toxicity_GradeID	int	0	True	
AE_TerminologyID	int	0	False	
AE_CategoryID	int	0	False	
AE_Category_Description	varchar	200	False	
MedDRA_Code	int	0	False	
MedDRA_Code_Version	varchar	50	False	
AE_Grade	int	0	False	
AE_Grade_Description	varchar	1000	False	
EnteredTime	datetime	0	False	
EnteredBy	varchar	50	False	
UpdateTime	datetime	0	False	
UpdatedBy	varchar	50	False	

CTC_AE_Toxicity_Terms

Description:

Columns

Name	Type	Len	Required	Description
CTC_AE_Toxicity_TermID	int	0	True	
AE_TerminologyID	int	0	False	
AE_CategoryID	int	0	False	
AE_Category_Description	varchar	200	False	
MedDRA_Code	int	0	False	
MedDRA_Code_Version	varchar	50	False	
CTC_AE_Toxicity_ShortDesc	varchar	100	False	
CTC_AE_Toxicity_Description	varchar	400	False	
CTC_AE_Term_Definition	varchar	1000	False	
EnteredTime	datetime	0	False	
EnteredBy	varchar	50	False	
UpdatedTime	datetime	0	False	
UpdatedBy	varchar	50	False	

Datasets

Description: Part of the security model, the datasets represents categories of patient populations by institutions, protocols, or disease

Columns

Name	Type	Len	Required	Description
DatasetId	int	0	True	Unique identifier for Datasets table (Primary Key)
DatasetName	varchar	50	True	Name of dataset
DatasetView	varchar	50	False	SQL defining dataset view
DatasetActive	bit	0	True	Dataset is active (can be assigned to group roles)
EnteredBy	varchar	50	True	
EnteredTime	datetime	0	True	Date and time this record was entered
UpdatedBy	varchar	50	False	
UpdatedTime	datetime	0	False	Date and time this record was last updated

DiagnosisCodes

Description: Diagnosis (ICD) codes

Columns

Name	Type	Len	Required	Description
DiagnosisCodeId	int	0	True	Unique identifier for DiagnosisCodes table (PrimaryKey)
TableName	varchar	50	True	Table name
PrimaryKey	int	0	True	Primary key
ICD_Code	varchar	50	False	International Classification of Disease (ICD) code
ICD_Description	varchar	255	False	International Classification of Disease (ICD) code description
EnteredBy	varchar	50	True	
EnteredTime	datetime	0	True	
UpdatedBy	varchar	50	False	
UpdatedTime	datetime	0	False	

Diagnostics

Description: Details from imaging scans, EKGs, and other tests

Columns

Name	Type	Len	Required	Description
PatientId	int	0	True	References PatientId in Patients table (Foreign Key)
DiagnosticId	int	0	True	Unique identifier for Diagnostics table (Primary Key)
DxPending	bit	0	False	Pending/scheduled diagnostic test/image study
DxDateText	varchar	50	False	"Fuzzy" date of image
DxDate	datetime	0	False	Computer interpreted image date
DxType	varchar	50	True	Type of diagnostic/image study
DxDisease	varchar	50	False	Disease of interest for this diagnostic test
DxIndication	varchar	50	False	Indication for Diagnostic test
DxSummary	varchar	255	False	Computer algorithm summary of diagnostic/image study results (for DVV list)
DxSide	varchar	50	False	Side of body targeted by diagnostic/image study: left/right
DxTarget	varchar	50	False	Anatomic target/site of diagnostic/image study: abdomen, pelvis, chest, head
DxResult	varchar	50	False	Overall diagnostic/image study result: normal/abnormal
DxPhysician	varchar	50	False	Physician / Radiologist who reviewed diagnostic/image study
DxInstitution	varchar	50	False	Institution where diagnostic/image study was performed
ImgReviewed	varchar	50	False	Image reviewed by clinician with radiologist
ImgCompared	varchar	50	False	Image compared to previous image study
ImgDigitized	varchar	50	False	Image digitized into PACS system
ImgContrast	varchar	50	False	Type of contrast used with image study
ImgBaseline	varchar	50	False	Is this the baseline scan for a study
DxConfidence	varchar	50	False	Truly negative, probably negative, equivocal, probably positive, or definitely positive
DxStatus	varchar	50	False	Clinical overall impression
DxTotalNumTumors	varchar	50	False	The number of tumor found on the scan
DxNumNewTumors	varchar	50	False	The number of new tumors since the last or prior scan
DxNotes	varchar	1000	False	Notes/comments about image study
DxDataSource	varchar	100	False	Data source: radiology report, encounter note, data form
DxQuality	varchar	50	False	Data quality for diagnostic/image study record
EnteredBy	varchar	50	True	User who entered this record
EnteredTime	datetime	0	True	Date and time this record was entered
UpdatedBy	varchar	50	False	User who last updated this record
UpdatedTime	datetime	0	False	Date and time this record was last updated
LockedBy	varchar	50	False	User who locked this record
LockedTime	datetime	0	False	Date and time this record was locked

DietaryIntake

Description: Summary log of solid and liquid intake per day

Columns

Name	Type	Len	Required	Description
PatientId	int	0	True	References PatientID in Patients table (Foreign Key)
DietaryIntakeId	int	0	True	Unique identifier for DietaryIntake table (Primary Key)
IntakeDateText	varchar	50	False	"Fuzzy" date of dietary intake
IntakeDate	datetime	0	False	Computer interpreted dietary intake date
IntakeTotalFluidAmount	varchar	50	False	Total amount of fluids
IntakeTotalFluidUnits	varchar	50	False	Total fluid amount units (cc, oz)
IntakeTotalSolidAmount	varchar	50	False	Total amount of solids
IntakeTotalSolidUnits	varchar	50	False	Total solid amount units (cc, oz)
IntakeNotes	varchar	1000	False	Notes/comments about dietary intake
IntakeDataSource	varchar	100	False	Data source: fluid study form
IntakeQuality	varchar	50	False	Date quality for dietary intake record
EnteredBy	varchar	50	True	User who entered this record
EnteredTime	datetime	0	True	Date and time this record was entered
UpdatedBy	varchar	50	False	User who last updated this record
UpdatedTime	datetime	0	False	Date and time this record was last updated
LockedBy	varchar	50	False	User who locked this record
LockedTime	datetime	0	False	Date and time this record was locked

DietaryIntakeItems

Description: Specific intake items from a patient's eating and drinking habits

Columns

Name	Type	Len	Required	Description
DietaryIntakeId	int	0	True	References DietaryIntakeId in DietaryIntake table (Foreign Key)
DietaryIntakeItemId	int	0	True	Unique identifier for DietaryIntakeItems table (Primary Key)
IntakeType	varchar	50	False	Type of dietary intake (food, liquid)
IntakeItem	varchar	50	False	Name of dietary item (fluid or solid)
IntakeServing	varchar	50	False	Serving name
IntakeServingNum	varchar	50	False	Number of dietary intake servings
IntakeUnits	varchar	50	False	Serving units
IntakeSchedule	varchar	50	False	Schedule
IntakeTotalServingAmount	varchar	50	False	Total serving amount
IntakeNotes	varchar	50	False	Notes/comments about dietary intake item
EnteredBy	varchar	50	True	User who entered this record
EnteredTime	datetime	0	True	Date and time this record was entered
UpdatedBy	varchar	50	False	User who last updated this record
UpdatedTime	datetime	0	False	Date and time this record was last updated

DiseaseAttributes

Description:

Columns

Name	Type	Len	Required	Description
DiseaseAttributeId	int	0	True	
DiseaseAttributeName	varchar	255	True	

DiseaseAttributeValues

Description:

Columns

Name	Type	Len	Required	Description
DiseaseId	int	0	True	
DiseaseAttributeId	int	0	True	
DiseaseAttributeValueId	int	0	True	
DiseaseAttributeValue	varchar	255	True	

Diseases

Description: Cancers a patient has been diagnosed with

Columns

Name	Type	Len	Required	Description
DiseaseId	int	0	True	Unique identifier for Diseases table (Primary Key)
DiseaseName	varchar	50	True	Short name of disease
EnteredTime	datetime	0	True	Date and time this record was entered
UpdatedTime	datetime	0	False	Date and time this record was last updated

DxImageEndorectalUltrasound

Description: Ultrasound findings related to colorectal cancer

Columns

Name	Type	Len	Required	Description
DiagnosticId	int	0	True	
ImgLocation	varchar	50	False	Location of ultrasound findings
ImgCircumference	varchar	50	False	Circumference of the location
ImgDiameter	varchar	50	False	Diameter of the location in (cm)
ImgMorphology	varchar	50	False	Morphology of the image location
ImgDistalDistanceAnalVerge	varchar	50	False	Distal distance to the anal verge
ImgProximalDistanceAnalVerge	varchar	50	False	Proximal distance to the anal verge
ImgAnalVergeExamineDistance	varchar	50	False	Examination distance to the anal verge
ImgBalloonVolume	varchar	50	False	Volume of the balloon used for this ultrasound
ImgWidth	varchar	50	False	Width of the location
ImgDepth	varchar	50	False	Depth of the location
ImgDepthLevel	varchar	50	False	Depth level of this location
ImgRadial	varchar	50	False	Radial distance of the location
ImgIntSphincterInvolve	varchar	50	False	Involvement of the internal sphincter
ImgIntSphincterLoc	varchar	50	False	Location of the internal sphincter
ImgExtSphincterInvolve	varchar	50	False	Involvement of the external sphincter
ImgExtSphincterLoc	varchar	50	False	Location of the external sphincter
ImgNotes	varchar	50	False	Notes/Comments about the ultrasound findings
EnteredBy	varchar	50	True	
EnteredTime	datetime	0	True	
UpdatedBy	varchar	50	False	
UpdatedTime	datetime	0	False	

DxImageFindings

Description: General image findings for diagnostic tests

Columns

Name	Type	Len	Required	Description
DiagnosticId	int	0	True	References DiagnosticId in Diagnostics table (Foreign Key)
DxImageFindingId	int	0	True	Unique identifier for DxImageFindings table (Primary Key)
ImgFindGroupNum	int	0	False	
ImgFindSiteNum	varchar	50	False	Number of findings at specified site
ImgFindSite	varchar	50	False	Anatomic location/site of image finding
ImgFindSubsite	varchar	50	False	Anatomic subsite of image finding
ImgFindSide	varchar	50	False	Side of body for image study finding: left/right
ImgFindExtension	varchar	50	False	Level of extention/local invasion of finding on image study
ImgFindStatus	varchar	50	False	Has image study finding changed since last image study?
ImgFindResult	varchar	50	False	Overall image finding result (presence of cancer)
ImgFindHeight	varchar	50	False	Height (cm) of image study finding
ImgFindWidth	varchar	50	False	Width (cm) of image study finding
ImgFindLength	varchar	50	False	Length (cm) of image study finding
ImgFindAP	varchar	50	False	Image finding(s) anterior or posterior?
ImgFindSUV	varchar	50	False	SUV
ImgFindTarget	varchar	50	False	
ImgFindNew	varchar	50	False	Is this a new finding or lesion?
ImgFindSliceNum	varchar	50	False	
ImgFindSeriesNum	varchar	50	False	
ImgFindNotes	varchar	1000	False	Notes/comments about image study finding
EnteredBy	varchar	50	True	User who entered this record
EnteredTime	datetime	0	True	Date and time this record was entered
UpdatedBy	varchar	50	False	User who last updated this record
UpdatedTime	datetime	0	False	Date and time this record was last updated

DxImageFindingsKidney

Description: Kidney specific findings from diagnostic images

Columns

Name	Type	Len	Required	Description
DiagnosticId	int	0	True	References DiagnosticId in Diagnostics table (Foreign Key)
DxImageFindingKidneyId	int	0	True	Unique identifier for DxImageFindingsKidney table (Primary Key)
ImgFindSide	varchar	50	False	Side of image study finding within kidney: left/right
ImgFindPole	varchar	50	False	Cranial-caudal location (level) of image finding within kidney
ImgFindAP	varchar	50	False	Anterior/posterior location of finding within kidney
ImgFindSite	varchar	50	False	Anatomic location/site of finding within kidney
ImgFindHeight	varchar	50	False	Height (cm) of renal image study finding
ImgFindWidth	varchar	50	False	Width (cm) of renal image study finding
ImgFindLength	varchar	50	False	Length (cm) of renal image study finding
ImgFindResult	varchar	50	False	Overall kidney image finding result (presence of cancer)
ImgFindExtension	varchar	50	False	Level of extension/local invasion of kidney finding visible on image study
ImgFindRV_Inv	varchar	50	False	Level of extension/local invasion of tumor into renal vein (RV) visible on imaging
ImgFindIVC_Inv	varchar	50	False	Level of extension/local invasion of tumor into inferior vena cava (IVC) visible on image study
ImgFindIVC_WallInv	varchar	50	False	Level of extension/local invasion of tumor into wall of inferior vena cava (IVC) visible on image study
EnteredBy	varchar	50	True	User who entered this record
EnteredTime	datetime	0	True	Date and time this record was entered
UpdatedBy	varchar	50	False	User who last updated this record
UpdatedTime	datetime	0	False	Date and time this record was last updated

DxImageFindingsProstate

Description: Prostate specific findings from diagnostic images

Columns

Name	Type	Len	Required	Description
DiagnosticId	int	0	True	References DiagnosticId in Diagnostics table (Foreign Key)
DxImageFindingProstateId	int	0	True	Unique identifier for DxFindingsProstate table (Primary Key)
ImgFindSide	varchar	50	False	Side of image study finding within prostate: left/right
ImgFindLevel	varchar	50	False	Cranial-caudal location (level) of image finding within prostate
ImgFindAP	varchar	50	False	Anterior/posterior location of finding within prostate
ImgFindZone	varchar	50	False	Anatomic location/site (peripheral zone/transition zone) of finding within prostate
ImgFindHeight	varchar	50	False	Height (cm) of prostate image study finding
ImgFindWidth	varchar	50	False	Width (cm) of prostate image study finding
ImgFindLength	varchar	50	False	Length (cm) of prostate image study finding
ImgFindResult	varchar	50	False	Overall prostate image study finding result (presence of cancer)
ImgFindExtension	varchar	50	False	Level of extra-capsular extension (ECE), extra-prostatic extension (EPE), prostate capsule invasion (PCI) visible on image study
ImgNotes	varchar	1000	False	Notes or additional comments
EnteredBy	varchar	50	True	User who entered this record
EnteredTime	datetime	0	True	Date and time this record was entered
UpdatedBy	varchar	50	False	User who last updated this record
UpdatedTime	datetime	0	False	Date and time this record was last updated

DxImageProstate

Description: Prostate specific imaging results

Columns

Name	Type	Len	Required	Description
DiagnosticId	int	0	True	References DiagnosticId in Diagnostics table (Foreign Key)
ImgUseForDosimetry	bit	0	False	Use this image for radiation therapy dosimetry
ImgAvgDim	varchar	50	False	Average dimension (cm) (height + width + length) / 3
ImgProstateHeight	varchar	50	False	Height (cm) of prostate from image study
ImgProstateWidth	varchar	50	False	Width (cm) of prostate from image study
ImgProstateLength	varchar	50	False	Length (cm) of prostate from image study
ImgProstateVolume	varchar	50	False	Volume (cc) of prostate from image study
ImgTZ_Height	varchar	50	False	Height (cm) of prostate transition zone from image study
ImgTZ_Width	varchar	50	False	Width (cm) of prostate transition zone from image study
ImgTZ_Length	varchar	50	False	Length (cm) of prostate transition zone from image study
ImgTZ_Volume	varchar	50	False	Volume (cc) of prostate transition zone from image study
ImgUrethraLength	varchar	50	False	Length (mm) of distal urethra
ImgMRI_Veins	varchar	50	False	Veins visible on MRI
ImgProstateContour	varchar	50	False	Contour of the prostate
ImgClinStageT	varchar	50	False	T Stage based on imaging
EnteredBy	varchar	50	True	User who entered this record
EnteredTime	datetime	0	True	Date and time this record was entered
UpdatedBy	varchar	50	False	User who last updated this record
UpdatedTime	datetime	0	False	Date and time this record was last updated

DxImageThyroid

Description: Thyroid specific findings from diagnostic images

Columns

Name	Type	Len	Required	Description
DiagnosticId	int	0	True	References DiagnosticId in Diagnostics table (Foreign Key)
DxImageThyroidId	int	0	True	Primary Key for the Thyroid Imaging Table
ImgTumorMaxDim	varchar	50	False	Maximum dimension of thyroid tumor (cm)
ImgTumorSide	varchar	50	False	Side/laterality of thyroid tumor
ImgThyroidInv	varchar	50	False	Thyroid involvement
ImgExtension	varchar	50	False	Extra-thyroid extension
ImgFibroadiPOSETissueInv	varchar	50	False	FibroadiPOSE tissue involvement
ImgLarynxInv	varchar	50	False	Larynx involvement
ImgTracheaInv	varchar	50	False	Trachea involvement
ImgEsophagusInv	varchar	50	False	Esophagus involvement
ImgStrapMuscleInv	varchar	50	False	Strap muscle involvement
ImgIJV_Inv	varchar	50	False	Internal jugular vein involvement
ImgCarotidVesselInv	varchar	50	False	Carotid vessel involvement
ImgTumorMorphology	varchar	50	False	Tumor morphology (cystic, solid, diffuse, etc)
EnteredBy	varchar	50	True	User who entered this record
EnteredTime	datetime	0	True	Date and time this record was entered
UpdatedBy	varchar	50	False	User who last updated this record
UpdatedTime	datetime	0	False	Date and time this record was last updated

DxImageThyroidUltrasound

Description: Thyroid specific ultrasound findings

Columns

Name	Type	Len	Required	Description
DiagnosticId	int	0	True	
DxImageThyroidUltrasoundId	int	0	True	
ImgSide	varchar	50	False	Side of the Thyroid
ImgSite	varchar	50	False	Site of disease or image finding
ImgNodularity	varchar	50	False	Nodularity of the imaged site
ImgExtension	varchar	50	False	Extension of disease
ImgEchoTexture	varchar	50	False	Texture of the image site
ImgArchitecture	varchar	50	False	Internal architecture of the image site
ImgCalcification	varchar	50	False	Calcification at the image site
ImgMargin	varchar	50	False	Status of the thyroid margin
ImgContour	varchar	50	False	Surface description of the image site
ImgVascularity	varchar	50	False	Status of the vascularity of the target
ImgPerithyroid	varchar	50	False	Perithyroid affected
ImgLevel6	varchar	50	False	Level VI affected
ImgLateralNeck	varchar	50	False	Lateral neck affected
ImgPrimaryDimension	varchar	50	False	Longest nodule dimension
ImgSecondaryDimension	varchar	50	False	Second longest nodule dimension
ImgTertiaryDimension	varchar	50	False	Third longest nodule dimension
ImgNotes	varchar	1000	False	Notes/comments about the ultrasound findings
EnteredBy	varchar	50	True	
EnteredTime	datetime	0	True	
UpdatedBy	varchar	50	False	
UpdatedTime	datetime	0	False	

DxPulmonaryTest

Description: Diagnostic results for Pulmonary Function Testing

Columns

Name	Type	Len	Required	Description
DiagnosticId	int	0	True	
DxFev1L	varchar	50	False	
DxPercFev1	varchar	50	False	
DxPercDLCO	varchar	50	False	
DxPercRA_Sat	varchar	50	False	RA Oxygen Saturation
DxPercVentilated	varchar	50	False	Ventilated Percent
DxPercQ_Perfusion	varchar	50	False	
EnteredBy	varchar	50	True	
EnteredTime	datetime	0	True	
UpdatedBy	varchar	50	False	
UpdatedTime	datetime	0	False	

EFormLog

Description: Record of eForms statuses tracked over time

Columns

Name	Type	Len	Required	Description
EFormId	int	0	True	Reference EFormId in Eforms table (Foreign Key)
EFormLogId	int	0	True	Unique identifier for EFormLog table (PrimaryKey)
Status	varchar	50	False	
UpdatedBy	varchar	50	False	
UpdateTime	datetime	0	False	

EFormPages

Description:

Columns

Name	Type	Len	Required	Description
EFormId	int	0	True	
MetadataEFormPageId	int	0	True	
EFormPageId	int	0	True	
PageXmlData	varchar(MAX)	0	False	
PageLastOpenedBy	varchar	50	False	
PageLastOpenedTime	datetime	0	False	
EnteredBy	varchar	50	True	
EnteredTime	datetime	0	True	
UpdatedBy	varchar	50	False	
UpdatedTime	datetime	0	False	

EForms

Description: Record of eForms initiated, pending, and completed

Columns

Name	Type	Len	Required	Description
UserId	int	0	True	
PatientId	int	0	True	
EFormId	int	0	True	Unique identifier for EForms table (PrimaryKey)
EFormName	varchar	50	False	eForm name
EFormXML	text	0	False	eForm XML
EFormReport	text	0	False	eForm report
CurrentStatus	varchar	50	False	Current eForm status
EformApptTime	datetime	0	False	Appointment time
EformApptPhysician	varchar	50	False	Appointment physician
EnteredBy	varchar	50	True	
EnteredTime	datetime	0	True	
UpdatedBy	varchar	50	False	
UpdatedTime	datetime	0	False	

EncBimanualExams

Description: Bimanual exam results

Columns

Name	Type	Len	Required	Description
EncounterId	int	0	True	References EncounterId in Encounters table (Foreign Key)
EncBimanualExamId	int	0	True	Unique identifier for EncBimanualExams table (Primary Key)
BimanualResult	varchar	50	False	Overall bimanual exam result
BimanualSide	varchar	50	False	Location/side of bimanual exam finding?
BimanualHeight	varchar	50	False	Height (cm) of induration/mass palpated by bimanual exam
BimanualWidth	varchar	50	False	Width (cm) of induration/mass palpated by bimanual exam
BimanualLength	varchar	50	False	Length (cm) of induration/mass palpated by bimanual exam
BimanualVaginaInv	varchar	50	False	Finding/mass from bimanual exam involves vagina
BimanualUrethraInv	varchar	50	False	Finding/mass from bimanual exam involves urethra
BimanualRectumInv	varchar	50	False	Finding/mass from bimanual exam involves rectum
BimanualL_SidewallInv	varchar	50	False	Finding/mass from bimanual exam involves left pelvic sidewall
BimanualR_SidewallInv	varchar	50	False	Finding/mass from bimanual exam involves right pelvic sidewall
BimanualCervixInv	varchar	50	False	Finding/mass from bimanual exam involves cervix
EnteredBy	varchar	50	True	User who entered this record
EnteredTime	datetime	0	True	Date and time this record was entered
UpdatedBy	varchar	50	False	User who last updated this record
UpdatedTime	datetime	0	False	Date and time this record was last updated

EncExams

Description: Exam details associated with an encounter

Columns

Name	Type	Len	Required	Description
EncounterId	int	0	True	References EncounterId in Encounters table (Foreign Key)
EncExamId	int	0	True	Unique identifier for EncExams table (Primary Key)
ExamSystem	varchar	50	False	Specified organ system for physical exam item
Exam	varchar	50	False	Specific physical exam item
ExamResult	varchar	50	False	Exam result
ExamAttendingPerformed	bit	0	False	Attending performed
ExamNotes	varchar	1000	False	Notes/comments about encounter exam
EnteredBy	varchar	50	True	User who entered this record
EnteredTime	datetime	0	True	Date and time this record was entered
UpdatedBy	varchar	50	False	User who last updated this record
UpdateTime	datetime	0	False	Date and time this record was last updated

EncHeadNeckFinding

Description: Physical exam findings of the head and neck.

Columns

Name	Type	Len	Required	Description
EncounterId	int	0	True	
EncHeadNeckFindingId	int	0	True	
EncFindSide	varchar	50	False	Side of the head or neck
EncFindSite	varchar	50	False	Site of examination
EncFindSubsite	varchar	50	False	Sub site of examination
EncFindInv	varchar	50	False	Presence of invasion
EncFindInvSite	varchar	50	False	Site of Invasion
EncFindPrimaryDim	varchar	50	False	Measurement of the longest dimension
EncFindSecondaryDim	varchar	50	False	Measurement of the second longest dimension
EncFindTertiaryDim	varchar	50	False	Measurement of the third longest dimension
EncFindMorphology	varchar	50	False	Morphology of the lesion examined
EncFindNotes	varchar	1000	False	Additional comments or notes about this record
EnteredBy	varchar	50	True	
EnteredTime	datetime	0	True	
UpdatedBy	varchar	50	False	
UpdatedTime	datetime	0	False	

EncNodeExamFinding

Description: Findings from physical exam of lymph nodes

Columns

Name	Type	Len	Required	Description
EncounterId	int	0	True	
EncNodeExamFindingId	int	0	True	
ExamFindSide	varchar	50	False	Side of the body
ExamFindSite	varchar	50	False	Site of lymph node examined
ExamFindMaxDim	varchar	50	False	Max Dimension of lymph node in cm
ExamFindExtension	varchar	50	False	Extension of disease outside of the lymph node
ExamFindResult	varchar	50	False	Node exam finding results
EnteredBy	varchar	50	True	
EnteredTime	datetime	0	True	
UpdatedBy	varchar	50	False	
UpdatedTime	datetime	0	False	

EncRectalExamFindings

Description: Location specific details for digital rectal exams

Columns

Name	Type	Len	Required	Description
EncounterId	int	0	True	References EncounterId in Encounters table (Foreign Key)
EncRectalExamFindingId	int	0	True	Unique identifier for EncRectalExamFindings table (Primary Key)
DRE_FindSide	varchar	50	False	Side of body for digital rectal exam (DRE) finding: left/right
DRE_FindLaterality	varchar	50	False	Laterality of finding from digital rectal exam
DRE_FindLevel	varchar	50	False	Cranial-caudal location (level) of digital rectal exam finding within prostate
DRE_FindResult	varchar	50	False	Probability of cancer by digital rectal exam of prostate
DRE_FindExtension	varchar	50	False	Level of extra-capsular extension (ECE), extra-prostatic extension (EPE), prostate capsule invasion (PCI) palpable on DRE
EnteredBy	varchar	50	True	User who entered this record
EnteredTime	datetime	0	True	Date and time this record was entered
UpdatedBy	varchar	50	False	User who last updated this record
UpdatedTime	datetime	0	False	Date and time this record was last updated

EncRectalExams

Description: Digital rectal exam summary information

Columns

Name	Type	Len	Required	Description
EncounterId	int	0	True	References EncounterId in Encounters table (Foreign Key)
DRE_Result	varchar	50	False	Overall digital rectal exam (DRE) result
DRE_IndWidth	varchar	50	False	Width (cm) of induration/mass palpated by digital rectal exam (DRE)
DRE_IndLength	varchar	50	False	Length (cm) of induration/mass palpated by digital rectal exam (DRE)
DRE_ProstateWeight	varchar	50	False	Weight (gm) of prostate, estimated from digital rectal exam
EnteredBy	varchar	50	True	User who entered this record
EnteredTime	datetime	0	True	Date and time this record was entered
UpdatedBy	varchar	50	False	User who last updated this record
UpdatedTime	datetime	0	False	Date and time this record was last updated

EncReviewOfSystems

Description: Review of system results associated with a patient encounter

Columns

Name	Type	Len	Required	Description
EncounterId	int	0	True	References EncounterId in Encounters table (Foreign Key)
EncReviewOfSystemId	int	0	True	Unique identifier for EncReviewOfSystems table (Primary Key)
ROS_System	varchar	50	False	Specified organ system for system review item
ROS_Symptom	varchar	50	False	Symptom/item from review of systems
ROS_Result	varchar	50	False	Overall result of specified system review item
ROS_RelatedTo	varchar	100	False	Symptom/item from review of systems related to treatment/disease
ROS_Presenting	varchar	50	False	Presenting symptom
ROS_Notes	varchar	1000	False	Notes/comments about system review finding
EnteredBy	varchar	50	True	User who entered this record
EnteredTime	datetime	0	True	Date and time this record was entered
UpdatedBy	varchar	50	False	User who last updated this record
UpdatedTime	datetime	0	False	Date and time this record was last updated

Encounters

Description: Outpatient clinic visits or other non-inpatient visits to the hospital

Columns

Name	Type	Len	Required	Description
PatientId	int	0	True	References Patients table (Foreign Key)
EncounterId	int	0	True	
EncPending	bit	0	False	Pending/scheduled encounter
EncDateText	varchar	50	False	"Fuzzy" date of encounter
EncDate	datetime	0	False	Computer interpreted encounter date
EncType	varchar	50	False	Type of encounter
EncChiefComplaint	varchar	1000	False	Chief complaint text for encounter
EncPhysician	varchar	50	False	Physician who saw patient
EncFellow	varchar	50	False	Fellow who saw patient at encounter
EncNurse	varchar	50	False	Nurse who saw patient at encounter
EncPresentation	varchar	100	False	Patient's presentation: incidental, local, systemic
EncStatus	varchar	50	False	Status (any change?) of patient at encounter
EncSystolic	varchar	50	False	
EncDiastolic	varchar	50	False	
EncOxygenSaturation	varchar	50	False	Percent Oxygen in the blood based on Pulse Oximetry
EncPulse	varchar	50	False	Patient's pulse at encounter (units? beats per minute)
EncTemp	varchar	50	False	Patient's temperature at encounter (units? degrees fahrenheit/celsius)
EncRespiration	varchar	50	False	Respiration
EncHeight	varchar	50	False	Patient's height (cm) of patient at encounter
EncWeight	varchar	50	False	Patients weight (kg) of patient at encounter
EncBSA	varchar	50	False	Patient's body surface area at encounter (calculated from height and weight)
EncBMI	varchar	50	False	Body Mass Index (BMI)
EncKPS	varchar	50	False	Patient's Karnofski Performance Status at encounter
EncECOG_Score	varchar	50	False	ECOG Score
EncZubrod_Score	varchar	50	False	Zubrod Score
EncInstitution	varchar	50	False	Institution encounter occurred
EncNotes	varchar	2000	False	Notes/comments about encounter record
EncDataSource	varchar	50	False	Data source: encounter note, data form
EncQuality	varchar	50	False	Data quality for encounter record
EnteredBy	varchar	50	True	
EnteredTime	datetime	0	True	
UpdatedBy	varchar	50	False	User who last updated this record
UpdateTime	datetime	0	False	Date and time this record was last updated
LockedBy	varchar	50	False	User who locked this record
LockedTime	datetime	0	False	Date and time this record was locked

ErrorLog

Description: Record of errors generated by the application

Columns

Name	Type	Len	Required	Description
UserLoginId	int	0	False	
DatasetId	int	0	False	
PatientId	int	0	False	
ErrorLogId	int	0	True	Unique identifier for ErrorLog table (Primary Key)
ErrUserName	varchar	50	False	Error user name
ErrURL	varchar	255	False	Error URL
ErrFullPath	varchar	255	False	Error full path
ErrFileName	varchar	255	False	Error file name
ErrForm	varchar	500	False	Error form
ErrQueryString	varchar	255	False	Error query string
ErrBrowser	varchar	50	False	Error browser
ErrPlatform	varchar	50	False	Error platform
ErrJavascript	varchar	50	False	Error JavaScript
ErrIP	varchar	50	False	Error IP address
ErrAuthenticated	varchar	50	False	Error authenticated
ErrHostName	varchar	255	False	Error host name
ErrRoleList	varchar	255	False	Error role list
ErrSessionIsNew	varchar	50	False	Error session is new
ErrSessionTimeout	int	0	False	Error session time out
ErrTicketIssueDate	datetime	0	False	Error ticket issue date
ErrTicketExpiration	datetime	0	False	Error ticket expiration
ErrorTime	datetime	0	False	Error time
ErrMachineName	varchar	255	False	Error machine name
ErrorName	varchar	50	False	Error name
ErrorMessage	varchar	255	False	Error message
ErrStackTrace	varchar	500	False	Error stack trace

FamilyMemberDiagnosis

Description: A listing of patients family members and their cancer diagnosis

Columns

Name	Type	Len	Required	Description
FamilyMemberId	int	0	True	References FamilyMemberId in FamilyMembers table (Foreign Key)
FamilyMemberDiagnosisId	int	0	True	Unique identifier for FamilyMemberDiagnosis table (PrimaryKey)
FamMemDiagnosis	varchar	50	False	Diagnosis of cancer/comorbidity in family member(s)
FamMemDiagnosisAge	varchar	50	False	Age of diagnosis of cancer/comorbidity in family member(s)
FamMemNotes	varchar	1000	False	Notes/comments about family history
EnteredBy	varchar	50	True	User who entered this record
EnteredTime	datetime	0	True	Date and time this record was entered
UpdatedBy	varchar	50	False	User who last updated this record
UpdatedTime	datetime	0	False	Date and time this record was last updated

FamilyMembers

Description: Family Members with cancer

Columns

Name	Type	Len	Required	Description
PatientId	int	0	True	References PatientID in Patients table (Foreign Key)
FamilyMemberId	int	0	True	Unique identifier for FamilyMembers table (PrimaryKey)
FamMemNum	varchar	50	False	Number of relatives with specified history
FamMemSide	varchar	50	False	Side of family: maternal/paternal
FamMemRelation	varchar	50	False	Person's Familial Relationship to Patient
FamMemDeathAge	varchar	50	False	Age of death of family member
EnteredBy	varchar	50	True	User who entered this record
EnteredTime	datetime	0	True	Date and time this record was entered
UpdatedBy	varchar	50	False	User who last updated this record
UpdatedTime	datetime	0	False	Date and time this record was last updated
LockedBy	varchar	50	False	User who locked this record
LockedTime	datetime	0	False	Date and time this record was locked

Files

Description: Files uploaded through plug-in

Columns

Name	Type	Len	Required	Description
FileId	int	0	True	Unique identifier for Files table (Primary Key)
TableName	varchar	50	True	Table name
TablePrimaryKey	int	0	True	Table primary key
OriginalFileName	varchar	50	True	Original file name
FileExtension	varchar	50	True	File extension
FileType	varchar	50	True	File type
FileLabel	varchar	50	False	File label
OnFileServer	bit	0	True	On file server
FilePath	varchar	1000	False	File path
EnteredBy	varchar	50	True	
EnteredTime	datetime	0	True	
UpdatedBy	varchar	50	False	
UpdatedTime	datetime	0	False	
LockedBy	varchar	50	False	
LockedTime	datetime	0	False	

GastricPath

Description: Pathology report for gastric surgery specimen

Columns

Name	Type	Len	Required	Description
PathologyId	int	0	True	References PathologyId in Pathology table (Primary Key / Foreign Key)
PathMultifocal	varchar	50	False	Presence of multifocal tumor in surgical specimen
PathWHO_Type	varchar	50	False	TUB, PAP, POOR, SIG, MUC, PATTERN? MORPHOLOGY? CONFIGURATION?
PathWHO_Type2	varchar	50	False	Secondary WHO Type, PATTERN? MORPHOLOGY? CONFIGURATION?
PathLauren	varchar	50	False	Lauren: Intestinal, diffuse, mixed, other
PathOtherType	varchar	50	False	Other type
PathMargin	varchar	50	False	Surgical margin status
PathInvasionDepth	varchar	50	False	Depth invasion (F1): MM (mucosa), SM (submucosa, muscularis propria, subserosa)
PathTumorMaxDim	varchar	50	False	Maximum dimension of tumor
PathSiewert	varchar	50	False	I, II, III - WHAT IS THIS??
PathLocation	varchar	50	False	Location F1: GE Junction, Upper Third, Middle third, Lower Third, Total Involvement
PathTreatmentEffect	varchar	50	False	Treatment effect %
PathVascularInv	varchar	50	False	Presence of lymphovascular invasion in surgery specimen
PathPerineuralInv	varchar	50	False	Presence of perineural invasion (PNI) in gastric surgery specimen
EnteredBy	varchar	50	True	User who entered this record
EnteredTime	datetime	0	True	Date and time this record was entered
UpdatedBy	varchar	50	False	User who last updated this record
UpdatedTime	datetime	0	False	Date and time this record was last updated

GastricProc

Description: Operative report for gastric surgery

Columns

Name	Type	Len	Required	Description
ProcedureId	int	0	True	References ProcedureId in Procedures table (Primary Key / Foreign Key)
ProcStageSystem	varchar	50	False	UICC/AJCC clinical TNM staging system (year)
ProcStageT	varchar	50	False	Intra-operative tumor stage
ProcStageN	varchar	50	False	Intra-operative Node stage
ProcStageM	varchar	50	False	Intra-operative Metastasis stage
ProcIntent	varchar	50	False	Intent of operation, curative or palliative
ProcReconstruction	varchar	50	False	Type of reconstruction of the stomach
ProcAnast	varchar	50	False	Method used to close the gastric anastomosis
ProcIntraOpUS	varchar	50	False	Intra-operative ultrasound performed
ProcCompleteResection	varchar	50	False	Surgeon's visual assessment of completeness of resection (R0, R1, R2)
ProcResidualTumor	varchar	50	False	If resection is incomplete, location of tumor left
ProcDrains	varchar	50	False	Type of drain utilized by the surgeon
ProcProximalMarginFrozen	varchar	50	False	Results of frozen section from proximal margin
ProcDistalMarginFrozen	varchar	50	False	Results of frozen section from distal margin
ProcAddMargin	varchar	50	False	
ProcDeepOtherMarginFrozen	varchar	50	False	Other deep frozen margins
EnteredBy	varchar	50	True	User who entered this record
EnteredTime	datetime	0	True	Date and time this record was entered
UpdatedBy	varchar	50	False	User who last updated this record
UpdatedTime	datetime	0	False	Date and time this record was last updated

GroupDatasets

Description: Information about groups assigned to specific datasets

Columns

Name	Type	Len	Required	Description
GroupId	int	0	True	References GroupId in Groups table (Foreign Key)
DatasetId	int	0	True	References DatasetId in Datasets table (Foreign Key)
GroupDatasetId	int	0	True	
EnteredBy	varchar	50	True	
EnteredTime	datetime	0	True	Date and time this record was entered
UpdatedBy	varchar	50	False	
UpdatedTime	datetime	0	False	Date and time this record was last updated
DeactivatedTime	datetime	0	False	Date and time this GroupRole was deactivated

Groups

Description: Types of groups who may use the application used for security permissions

Columns

Name	Type	Len	Required	Description
RoleId	int	0	True	References RoleId in Roles table (Foreign Key)
GroupId	int	0	True	Unique identifier for Groups table (Primary Key)
GroupName	varchar	50	True	Short name of group
GroupDescription	varchar	255	True	Long description of group
GroupAccessCode	varchar	1000	False	Group access code
EnteredBy	varchar	50	True	
EnteredTime	datetime	0	True	Date and time this record was entered
UpdatedBy	varchar	50	False	
UpdatedTime	datetime	0	False	Date and time this record was last updated
DeactivatedTime	datetime	0	False	Date and time group deactivated

HeadNeckPath

Description: Pathology report for head and neck specimen

Columns

Name	Type	Len	Required	Description
PathologyId	int	0	True	
PathTumorInv	varchar	50	False	
PathInvasionDepth	varchar	50	False	
PathMorphology	varchar	50	False	
PathNecrosis	varchar	50	False	
PathVascularInv	varchar	50	False	
PathPerineurallInv	varchar	50	False	
PathInvasionPattern	varchar	50	False	
PathMultiCentricity	varchar	50	False	
PathCarcinomaInSitu	varchar	50	False	
PathNonNeoplasticMucosa	varchar	50	False	
PathMargin	varchar	50	False	
PathMarginSite	varchar	50	False	
PathExtension	varchar	50	False	
PathBoneInv	varchar	50	False	
PathBoneMargin	varchar	50	False	
PathTumorMaxDim	varchar	50	False	
EnteredBy	varchar	50	True	
EnteredTime	datetime	0	True	
UpdatedBy	varchar	50	False	
UpdateTime	datetime	0	False	

HeadNeckProc

Description: Head and Neck related procedure details

Columns

Name	Type	Len	Required	Description
ProcedureId	int	0	True	
ProcType	varchar	50	False	Head and neck procedure type
ProcResult	varchar	50	False	Findings from the procedure
ProcReconstruction	varchar	50	False	Head and Neck reconstruction
ProcPathType	varchar	50	False	Pathology specimen type
EnteredBy	varchar	50	True	
EnteredTime	datetime	0	True	
UpdatedBy	varchar	50	False	
UpdatedTime	datetime	0	False	

HelpSectionFields

Description: Help information found in the "bubble" help

Columns

Name	Type	Len	Required	Description
HelpSectionId	int	0	True	References HelpSectionId in HelpSections table (Foreign Key)
FieldId	int	0	True	References FieldId in MetadataFields table (Foreign Key)
HelpSectionFieldId	int	0	True	
HelpOrder	int	0	False	Sort order

HelpSections

Description: Help information for an entire section of the application

Columns

Name	Type	Len	Required	Description
HelpSectionId	int	0	True	Unique identifier for HelpSections table (Primary Key)
HelpSectionName	varchar	50	True	Name of help section
HelpSectionDescription	varchar	2000	False	Section description
HelpSectionImage	varchar	255	False	Section image

Hospitalizations

Description: Details about patients admitted to a hospital

Columns

Name	Type	Len	Required	Description
PatientId	int	0	True	
ProtocolId	int	0	False	
HospitalizationId	int	0	True	
HospAdmitDateText	varchar	50	False	"Fuzzy" date of admission
HospAdmitDate	datetime	0	False	Date of admission
HospAdmitReason	varchar	50	False	Reason for admission to the hospital
HospInstitution	varchar	50	False	Name of the admitting hospital
HospDepartment	varchar	50	False	Admitting department
HospFloor	varchar	50	False	Admit floor
HospRoom	varchar	50	False	Patient room number or location
HospICUStay	varchar	50	False	Patient admitted to the Intensive Care Unit
HospAdmitPhysician	varchar	50	False	Physician who admitted the patient
HospDischargeDateText	varchar	50	False	"Fuzzy" date of discharge
HospDischargeDate	datetime	0	False	Date of discharge
HospDischargeStatus	varchar	50	False	Status of the patient upon leaving the hospital
HospLivingArrangementPre	varchar	50	False	Living arrangement before admission
HospLivingArrangementPost	varchar	50	False	Living arrangement after admission
HospAmbulationPre	varchar	50	False	Ambulation prior to admission
HospAmbulationPost	varchar	50	False	Ambulation after discharge
HospNotes	varchar	50	False	Notes/comments about the hospitalization
HospDataSource	varchar	100	False	Source of hospitalization details
HospDataQuality	varchar	50	False	Data quality for hospitalization details
EnteredBy	varchar	50	True	
EnteredTime	datetime	0	True	
UpdatedBy	varchar	50	False	
UpdatedTime	datetime	0	False	
LockedBy	varchar	50	False	
LockedTime	datetime	0	False	

ICDCodes

Description:

Columns

Name	Type	Len	Required	Description
ICDCoId	int	0	True	
ICDCategory	bit	0	False	
ICDCoDe	varchar	50	True	
ShortDesc	varchar	255	False	
LongDesc	varchar	255	False	

ICDGroup

Description:

Columns

Name	Type	Len	Required	Description
ICDGroupId	int	0	True	
ICDGroup	varchar	255	False	
ShortDesc	varchar	255	False	
LongDesc	varchar	255	False	

ICDSubgroup

Description:

Columns

Name	Type	Len	Required	Description
ICDSubgroupId	int	0	True	
ICDGroupId	int	0	True	
ICDSubgroup	varchar	255	False	
ShortDesc	varchar	255	False	
LongDesc	varchar	255	False	

ICDSubgroup_ICDCodes

Description:

Columns

Name	Type	Len	Required	Description
ICDSubgroupId	int	0	True	
ICDCodeId	int	0	True	
ICDSubgroupCodeId	int	0	True	

Identifiers

Description: Identifying numbers assigned or associated with a patient including outside MRNs, SSNs, and others

Columns

Name	Type	Len	Required	Description
PatientId	int	0	True	References PatientID in Patients table (Foreign Key)
IdentifierId	int	0	True	Unique identifier for Identifiers table (Primary Key)
IdType	varchar	50	True	Identifier type or name: ex. SSN
Identifier	varchar	50	True	Identifier value: ex. 123-45-6789
EnteredBy	varchar	50	True	User who entered this record
EnteredTime	datetime	0	True	Date and time this record was entered
UpdatedBy	varchar	50	False	User who last updated this record
UpdatedTime	datetime	0	False	Date and time this record was last updated
LockedBy	varchar	50	False	User who locked this record
LockedTime	datetime	0	False	Date and time this record was locked

InPatients

Description: List of inpatients from scheduling system

Columns

Name	Type	Len	Required	Description
InPatientId	int	0	True	Unique identifier for InPatients table (Primary Key)
PatientId	int	0	False	
InPtMrn	varchar	50	False	Inpatient medical record number (MRN)
InPtFirstName	varchar	50	False	Inpatient first name
InPtLastName	varchar	50	False	Inpatient last name
InPtBirthDate	datetime	0	False	Inpatient birth date
InPtAccountNum	varchar	50	False	Inpatient account number
InPtAdmitDate	datetime	0	False	Inpatient admit date
InPtAdmitReason	varchar	255	False	Inpatient admit reason
InPtBedNum	varchar	50	False	Inpatient bed number
InPtService	varchar	255	False	Inpatient service
InPtAdmittingPhysician	varchar	50	False	Inpatient admitting physician
InPtAttendingPhysician	varchar	50	False	Inpatient attending physician
EnteredBy	varchar	50	True	
EnteredTime	datetime	0	True	

Institutions

Description: Part of the security model, institutions can be used to separate groups of patients by hospital names

Columns

Name	Type	Len	Required	Description
InstitutionId	int	0	True	Unique identifier for Institutions table (Primary Key)
Institution	varchar	50	True	Institution/hospital/practice
EnteredTime	datetime	0	True	Date and time this record was entered
UpdatedTime	datetime	0	False	Date and time this record was last updated

LabTests

Description: Lab test results for blood biomarkers (clinical chemistry)

Columns

Name	Type	Len	Required	Description
PatientId	int	0	True	References PatientID in Patients table (Foreign Key)
LabTestId	int	0	True	Unique identifier for LabTests table (Primary Key)
LabPending	bit	0	False	Pending/scheduled lab test
LabAccessionNum	varchar	50	False	Laboratory specimen accession number
LabDateText	varchar	50	False	"Fuzzy" date of lab test
LabDate	datetime	0	False	Computer interpreted lab test date
LabTime	varchar	50	False	Time of lab test
LabTest	varchar	50	True	Lab Tests Performed (PSA, ACP, etc...)
LabResult	varchar	50	False	"Fuzzy" Marker Value, can include >, <
LabUnits	varchar	50	False	Units of measurement for lab test result
LabNormalRange	varchar	50	False	Upper Limit of Normal (ULN)
LabNotes	varchar	1000	False	Notes/comments about lab test
LabDataSource	varchar	100	False	Data source: laboratory report, encounter note, data form, data feed
LabQuality	varchar	50	False	Data quality for lab test record
EnteredBy	varchar	50	True	User who entered this record
EnteredTime	datetime	0	True	Date and time this record was entered
UpdatedBy	varchar	50	False	User who last updated this record
UpdatedTime	datetime	0	False	Date and time this record was last updated
LockedBy	varchar	50	False	User who locked this record
LockedTime	datetime	0	False	Date and time this record was locked

LiverPath

Description: Liver related pathology details

Columns

Name	Type	Len	Required	Description
PathologyId	int	0	True	
PathMultifocal	varchar	50	False	
PathTumorMaxDim	varchar	50	False	
PathNumTotalTumors	varchar	50	False	
PathClosestMarginDistance	varchar	50	False	
PathMargin	varchar	50	False	
PathParenchymalMargin	varchar	50	False	
PathBileDuctMargin	varchar	50	False	
PathVascularInv	varchar	50	False	
EnteredBy	varchar	50	True	
EnteredTime	datetime	0	True	
UpdatedBy	varchar	50	False	
UpdatedTime	datetime	0	False	

LookupAttributes

Description: Possible attributes of lookups codes

Columns

Name	Type	Len	Required	Description
AttributeId	int	0	True	Unique identifier for LookupAttributes table (PrimaryKey)
AttributeName	varchar	50	True	Attribute name
EnteredBy	varchar	50	True	User who entered this record
EnteredTime	datetime	0	True	Date and time this record was entered
UpdatedBy	varchar	50	False	User who last updated this record
UpdatedTime	datetime	0	False	Date and time this record was last updated

LookupCodeAttributes

Description: Attributes assigned to specific lookup codes

Columns

Name	Type	Len	Required	Description
LookupCodeAttributeId	int	0	True	Unique identifier for LookupCodeAttributes table (Primary Key)
LookupCodeId	int	0	True	Referencs LookupCodeId in LookupCodes table (Foreign Key)
AttributeId	int	0	True	Referencs AttributeId in LookupAttributes table (Foreign Key)
AttributeValue	varchar	50	False	Attribute value
AttributeOrder	int	0	False	Attribute option sort order
AttributeSuppress	bit	0	True	Suppres attribute option
EnteredBy	varchar	50	True	User who entered this record
EnteredTime	datetime	0	True	Date and time this record was entered
UpdatedBy	varchar	50	False	User who last updated this record
UpdatedTime	datetime	0	False	Date and time this record was last updated

LookupCodes

Description: Master List of Lookup Codes. "qlkp" queries are used to extract particular lists from this table

Columns

Name	Type	Len	Required	Description
LookupCodeId	int	0	True	Unique identifier for LookupCodes table (Primary Key)
LkpFieldName	varchar	50	False	Name of field associated with lookup / drop down item
LkpCode	varchar	255	False	Short code for lookup / drop down item
LkpDescription	varchar	255	False	Long description for lookup code / drop down item
LkpOrder	smallint	0	False	Optional sort order for lookup code / drop down item
LkpSuppress	bit	0	True	Suppress lookup code for this site
EnteredBy	varchar	50	True	User who entered this record
EnteredTime	datetime	0	True	Date and time this record was entered
UpdatedBy	varchar	50	False	User who last updated this record
UpdatedTime	datetime	0	False	Date and time this record was last updated

LookupParentChildCodes

Description: Parent/child relationships for lookup codes

Columns

Name	Type	Len	Required	Description
ParentCodeId	int	0	True	Referencs LookupCodeId in LookupCodes table (Foreign Key)
ChildCodeId	int	0	True	Referencs LookupCodeId in LookupCodes table (Foreign Key)
ParentChildCodeId	int	0	True	

LookupSynonyms

Description: Synonyms for specific lookup codes

Columns

Name	Type	Len	Required	Description
LookupCodeId	int	0	True	Referencs LookupCodeId in LookupCodes table (Foreign Key)
LookupSynonymId	int	0	True	Unique identifier for LookupSynonyms table (Primary Key)
Synonym	varchar	255	True	Synonym
SynType	varchar	50	False	Synonym type
SynSuppress	bit	0	True	Suppress synonym
EnteredBy	varchar	50	True	User who entered this record
EnteredTime	datetime	0	True	Date and time this record was entered
UpdatedBy	varchar	50	False	User who last updated this record
UpdatedTime	datetime	0	False	Date and time this record was last updated

LungPath

Description: Details of the thoracotomy pathology report

Columns

Name	Type	Len	Required	Description
PathologyId	int	0	True	
PathRxChanges	varchar	50	False	Rx changes (% viable)
PathVascularInv	varchar	50	False	
PathPerineuralInv	varchar	50	False	
PathPleuraInv	varchar	50	False	
PathTumorMaxDim	varchar	50	False	
PathBronchMargin	varchar	50	False	
PathPreNeoChanges	varchar	50	False	
EnteredBy	varchar	50	True	
EnteredTime	datetime	0	True	
UpdatedBy	varchar	50	False	
UpdatedTime	datetime	0	False	

MedicalTherapy

Description: Cancer related therapies including chemotherapy, hormone therapy, vaccines, and biologic therapy

Columns

Name	Type	Len	Required	Description
PatientId	int	0	True	References PatientID in Patients table (Foreign Key)
ProtocolId	int	0	False	References ProtocolId in Protocols table (Optional Foreign Key)
OperatingRoomDetailId	int	0	False	References OperatingRoomDetailId in OperatingRoomDetail table (Foreign Key)
MedicalTherapyId	int	0	True	Unique identifier for MedicalTherapy table (Primary Key)
MedTxPending	bit	0	False	Pending/scheduled medical therapy
MedTxDateText	varchar	50	False	"Fuzzy" date of medical therapy
MedTxDate	datetime	0	False	Computer interpreted medical therapy start date
MedTxType	varchar	50	True	Type of medical therapy: ex. hormone therapy, chemotherapy, biotherapy
MedTxDisease	varchar	50	False	Disease being treated
MedTxIndication	varchar	50	False	Indication for medical therapy
MedTxIntent	varchar	50	False	Intended goal of this treatment
MedTxAgent	varchar	255	False	Specific Agent: LHRH, AA
MedTxStopDateText	varchar	50	False	"Fuzzy" stop date of medical therapy
MedTxStopDate	datetime	0	False	Computer interpreted medical therapy stop date
MedTxDose	varchar	50	False	Dose for medical therapy
MedTxTotalDose	varchar	50	False	Total dose for medical therapy
MedTxUnits	varchar	50	False	Units of dose for medical therapy
MedTxRoute	varchar	50	False	Route for medical therapy
MedTxSchedule	varchar	50	False	Schedule for medical therapy
MedTxCycle	varchar	50	False	Total number of cycles given to the patient
MedTxWeek	varchar	50	False	Total number of weeks treatment
MedTxInstitution	varchar	100	False	Institution where medical therapy was administered
MedTxNotes	varchar	1000	False	Notes/comments about medical therapy
MedTxDataSource	varchar	100	False	Data source: encounter note, data form
MedTxQuality	varchar	50	False	Data quality for medical therapy record
EnteredBy	varchar	50	True	User who entered this record
EnteredTime	datetime	0	True	Date and time this record was entered
UpdatedBy	varchar	50	False	User who last updated this record
UpdatedTime	datetime	0	False	Date and time this record was last updated
LockedBy	varchar	50	False	User who locked this record
LockedTime	datetime	0	False	Date and time this record was locked

Medications

Description: Non-cancer medications like cardiac medications, diabetes medications, vitamins, and others

Columns

Name	Type	Len	Required	Description
PatientId	int	0	True	References PatientID in Patients table (Foreign Key)
MedicationId	int	0	True	Unique identifier for Medications table (Primary Key)
MedDateText	varchar	50	False	"Fuzzy" start date of medication
MedDate	datetime	0	False	Computer interpreted medication start date
MedType	varchar	50	False	Type of medication
Medication	varchar	100	True	Medication name / medical agent name
MedStopDateText	varchar	50	False	"Fuzzy" stop date of medication
MedStopDate	datetime	0	False	Computer interpreted medication stop date
MedDose	varchar	50	False	Dose of medication
MedTotalDose	varchar	50	False	Total dose for medication
MedUnits	varchar	50	False	Units of dose for medication
MedRoute	varchar	50	False	Route for medication
MedSchedule	varchar	50	False	Schedule for medication
MedIndication	varchar	50	False	Indication for medication
MedNotes	varchar	1000	False	Notes/comments about medication
MedDataSource	varchar	100	False	Data source: encounter note, data form, data feed
MedQuality	varchar	50	False	Data quality for medication record
EnteredBy	varchar	50	True	User who entered this record
EnteredTime	datetime	0	True	Date and time this record was entered
UpdatedBy	varchar	50	False	User who last updated this record
UpdateTime	datetime	0	False	Date and time this record was last updated
LockedBy	varchar	50	False	User who locked this record
LockedTime	datetime	0	False	Date and time this record was locked

MedTxAdministration

Description: A complete list of all medical therapy treatment events

Columns

Name	Type	Len	Required	Description
MedicalTherapyId	int	0	True	
MedTxAdministrationId	int	0	True	
MedTxAdminPending	bit	0	False	Pending / scheduled treatment
MedTxAdminStartDateText	varchar	50	False	"Fuzzy" date of administration
MedTxAdminStartDate	datetime	0	False	Computer interpreted start date
MedTxAdminStopDateText	varchar	50	False	"Fuzzy" stop date of medical therapy
MedTxAdminStopDate	datetime	0	False	Computer interpreted medical therapy stop date
MedTxAdminAgent	varchar	50	False	Specific Agent(s)
MedTxAdminType	varchar	50	False	Type of medical therapy: ex. hormone therapy, chemotherapy, biotherapy
MedTxAdminDose	varchar	50	False	Dose for medical therapy
MedTxAdminTotalDose	varchar	50	False	Total dose for medical therapy
MedTxAdminUnits	varchar	50	False	
MedTxAdminRoute	varchar	50	False	Route for medical therapy
MedTxAdminSchedule	varchar	50	False	Schedule for medical therapy
MedTxAdminCycle	varchar	50	False	Cycle of Medical Therapy
MedTxAdminWeek	varchar	50	False	Week of Medical Therapy
MedTxAdminBy	varchar	50	False	Administered By
MedTxAdminInstitution	varchar	50	False	Institution where medical therapy was administered
MedTxLotNumber	varchar	50	False	
MedTxLotExpirationDateText	varchar	50	False	
MedTxLotExpirationDate	datetime	0	False	
MedTxAdminNotes	varchar	1000	False	
EnteredBy	varchar	50	True	
EnteredTime	datetime	0	True	
UpdatedBy	varchar	50	False	
UpdatedTime	datetime	0	False	

MetadataEForms

Description:

Columns

Name	Type	Len	Required	Description
MetadataEFormId	int	0	True	
EFormName	varchar	50	True	
EFormType	varchar	50	True	
EFormDisease	varchar	50	False	
EFormVersionNum	varchar	50	True	
EFormTransformFileName	varchar	50	False	

MetadataEFormPages

Description:

Columns

Name	Type	Len	Required	Description
MetadataEFormId	int	0	True	
MetadataEFormPageId	int	0	True	
PageNum	int	0	True	
PageTitle	varchar	255	True	
PageVersionNum	varchar	50	True	

MetadataEFormPages_Sections

Description:

Columns

Name	Type	Len	Required	Description
MetadataEFormPageSectionId	int	0	True	
MetadataEFormPageId	int	0	True	
MetadataEFormPage_SectionId	int	0	True	

MetadataEFormPageSection_Fields

Description:

Columns

Name	Type	Len	Required	Description
MetadataEFormPageSectionId	int	0	True	
FieldId	int	0	True	
MetadataEFormPageSection_FieldId	int	0	True	
CellColumnNum	int	0	False	
CellRowNum	int	0	False	
CellLayout	varchar	50	False	
OrderNum	int	0	False	
IsDataGrid	bit	0	False	

MetadataEFormPageSections

Description:

Columns

Name	Type	Len	Required	Description
MetadataEFormPageSectionId	int	0	True	
SectionTitle	varchar	255	True	
SectionShowTitle	bit	0	False	
SectionStaticFileName	varchar	50	False	
SectionDisease	varchar	50	False	
SectionNumColumns	int	0	False	
SectionNumRows	int	0	False	
SectionOrderNum	int	0	False	
SectionVersionNum	varchar	50	True	
EnteredBy	varchar	50	True	
EnteredTime	datetime	0	True	
UpdatedBy	varchar	50	False	
UpdatedTime	datetime	0	False	

MetadataFieldAttributeValueOptions

Description: Value options for field metadata attributes

Columns

Name	Type	Len	Required	Description
AttributeId	int	0	True	
AttributeOptionId	int	0	True	Unique identifier for MetadataFieldAttributeValueOptions table (Primary Key)
AttributeOptionValue	varchar	50	True	Attribute option value

MetadataFieldAttributeValues

Description: Values for field metadata attributes

Columns

Name	Type	Len	Required	Description
FieldId	int	0	True	References FieldId in MetadataFields table (Foreign Key)
AttributeId	int	0	True	
FieldAttributeId	int	0	True	References FieldAttributeId in MetadataFieldAttributes table (Foreign Key)
AttributeValue	varchar	255	True	

MetadataFieldAttributes

Description: Field level metadata attributes

Columns

Name	Type	Len	Required	Description
AttributeId	int	0	True	
AttributeName	varchar	50	True	
FieldAttributeDescription	varchar	1000	False	

MetadataFieldValues

Description: Metadata field values

Columns

Name	Type	Len	Required	Description
FieldId	int	0	True	References FieldId in MetadataFields table (Foreign Key)
FieldValueId	int	0	True	Unique identifier for MetadataFieldValues table (Primary Key)
PrimaryKey	int	0	True	Primary key
FieldValue	varchar	255	True	Value of field

MetadataFields

Description: Metadata fields

Columns

Name	Type	Len	Required	Description
TableId	int	0	True	References TableId in MetadataTables table (Foreign Key)
FieldId	int	0	True	Unique identifier for MetadataFields table (Primary Key)
FieldName	varchar	50	True	Field name
FieldDataType	varchar	50	False	Field data type
FieldIsVirtual	bit	0	True	Field is virtual
FieldSuppress	bit	0	True	Suppress field
FieldOrder	int	0	False	Field sort order

MetadataQuestionResponses

Description:

Columns

Name	Type	Len	Required	Description
MetadataSurveyQuestionId	int	0	True	
MetadataQuestionResponseId	int	0	True	
ResponseText	varchar	255	True	
ResponseValue	varchar	255	True	
EnteredBy	varchar	50	True	
EnteredTime	datetime	0	True	
UpdatedBy	varchar	50	False	
UpdatedTime	datetime	0	False	

MetadataSurveys

Description:

Columns

Name	Type	Len	Required	Description
MetadataSurveyId	int	0	True	
SurveyType	varchar	255	True	
SurveyCategory	varchar	50	False	
SendCondition	varchar	50	False	
SendFrequency	varchar	255	False	
SurveyPrintableFileName	varchar	50	False	
VersionNumber	varchar	50	False	
EnteredBy	varchar	50	True	
EnteredTime	datetime	0	True	
UpdatedBy	varchar	50	False	
UpdatedTime	datetime	0	False	

MetadataSurveyQuestions

Description:

Columns

Name	Type	Len	Required	Description
MetadataSurveyId	int	0	True	
MetadataSurveyQuestionId	int	0	True	
QuestionNumber	varchar	50	False	
Question	varchar	1000	False	
Page	varchar	50	False	
Section	varchar	1000	False	
SortNumber	int	0	False	
ResponseType	varchar	50	False	
ResponseRequired	varchar	50	False	
ResponseLayout	varchar	50	False	
ResponseControlType	varchar	50	False	
ResponseEligibilityCriteria	varchar	50	False	
EnteredBy	varchar	50	True	
EnteredTime	datetime	0	True	
UpdatedBy	varchar	50	False	
UpdatedTime	datetime	0	False	

MetadataTables

Description: Metadata tables

Columns

Name	Type	Len	Required	Description
TableId	int	0	True	Unique identifier for References TableId in MetadataTables table (Primary Key)
TableName	varchar	50	True	Table name
TableDescription	varchar	1000	False	Table description
TableLabel	varchar	50	False	Table label

MetadataTableAttributes

Description:

Columns

Name	Type	Len	Required	Description
TableAttributeId	int	0	True	
TableAttributeName	varchar	50	True	
TableAttributeDescription	varchar	1000	False	

MetadataTableAttributeValues

Description:

Columns

Name	Type	Len	Required	Description
TableId	int	0	True	
TableAttributeId	int	0	True	
TableAttributeValueId	int	0	True	
TableAttributeValue	varchar	255	True	

Narratives

Description: Notes or reminders that are used by physicians to aid them in clinic

Columns

Name	Type	Len	Required	Description
PatientId	int	0	True	References PatientID in Patients table (Foreign Key)
NarrativeId	int	0	True	Unique Identifier for Narratives table (Primary Key)
Narrative	varchar	4000	True	Narrative Text
NarratedBy	varchar	50	True	Narrative by this Physician
EnteredBy	varchar	50	True	User who entered this record
EnteredTime	datetime	0	True	Date and time this record was entered
UpdatedBy	varchar	50	False	User who last updated this record
UpdatedTime	datetime	0	False	Date and time this record was last updated
LockedBy	varchar	50	False	User who locked this record
LockedTime	datetime	0	False	Date and time this record was locked

Notifications

Description:

Columns

Name	Type	Len	Required	Description
NotificationId	int	0	True	
PatientId	int	0	False	
AssignedUserId	int	0	False	
TableName	varchar	50	False	
TablePrimaryKey	int	0	False	
Notification	varchar	1000	True	
Reason	varchar	255	False	
Response	varchar	255	False	
EnteredBy	varchar	50	True	
EnteredTime	datetime	0	True	
UpdatedBy	varchar	50	False	
UpdatedTime	datetime	0	False	

NephrectomyPath

Description: Pathology report for nephrectomy or exploratory laparotomy specimen (for patients with primary RCC)

Columns

Name	Type	Len	Required	Description
PathologyId	int	0	True	References PathologyId in Pathology table (Primary Key / Foreign Key)
PathExtension	varchar	50	False	Level of extension/local invasion of cancer in nephrectomy specimen
PathMargin	varchar	50	False	Surgical margin status on nephrectomy specimen
PathAdrenalInv	varchar	50	False	Extension/local invasion of tumor into adrenal gland
PathAdrenalSide	varchar	50	False	Side of body where adrenalectomy performed: left/right
PathMultifocal	varchar	50	False	Presence of multifocal tumor in surgical specimen
PathNuclearGrade	varchar	50	False	Nuclear grade from nephrectomy specimen pathology
PathPattern	varchar	50	False	Growth pattern of cancer in nephrectomy specimen
PathCancerMaxDim	varchar	50	False	Maximum dimension (cm) of cancer in nephrectomy specimen
PathOtherKidney	varchar	255	False	Pathology status of other (contralateral) kidney
PathAngiolymphaticInv	varchar	50	False	
PathRenalSinusFatInv	varchar	50	False	
EnteredBy	varchar	50	True	User who entered this record
EnteredTime	datetime	0	True	Date and time this record was entered
UpdatedBy	varchar	50	False	
UpdatedTime	datetime	0	False	

NephrectomyPathFinding

Description: Detailed pathology findings from nephrectomy specimen

Columns

Name	Type	Len	Required	Description
PathologyId	int	0	True	References PathologyId in Pathology table (Foreign Key)
NephrectomyPathFindingId	int	0	True	Unique identifier for NephrectomyPathFinding table (Primary Key)
PathFindMaxDim	varchar	50	False	Maximum dimension (cm) of finding in nephrectomy specimen
PathFindHistology	varchar	255	False	Histology from nephrectomy specimen, in order of descending percentage (comma separated)
PathFindPole	varchar	50	False	Cranial-caudal location (pole) of finding from nephrectomy specimen
PathFindAP	varchar	50	False	Anterior/posterior location of finding from nephrectomy specimen
PathFindLaterality	varchar	50	False	Laterality of finding from nephrectomy specimen
PathFindSite	varchar	50	False	Anatomic location/site of finding from nephrectomy specimen
PathFindGrade	varchar	50	False	Pathologic grade of finding in nephrectomy specimen
PathFindPattern	varchar	50	False	Growth pattern of cancer in nephrectomy specimen
PathFindSarcomatoid	varchar	50	False	Presence of sarcomatoid cancer
PathFindNecrosis	varchar	50	False	Presence of necrosis in nephrectomy specimen finding
PathFindVascularInv	varchar	50	False	Presence of lymphovascular invasion in surgery specimen
PathFindRV_Inv	varchar	50	False	Level of extension/local invasion of tumor into renal vein (RV)
PathFindIVC_Inv	varchar	50	False	Level of extension/local invasion of tumor into inferior vena cava (IVC)
PathFindIVC_WallInv	varchar	50	False	Level of extension/local invasion of tumor into wall of inferior vena cava (IVC)
PathFindExtension	varchar	50	False	Extension/local invasion of renal cancer
PathNotes	varchar	1000	False	
EnteredBy	varchar	50	True	User who entered this record
EnteredTime	datetime	0	True	Date and time this record was entered
UpdatedBy	varchar	50	False	User who last updated this record
UpdatedTime	datetime	0	False	Date and time this record was last updated

NephrectomyProc

Description: Operative report for nephrectomy

Columns

Name	Type	Len	Required	Description
ProcedureId	int	0	True	References ProcedureId in Procedures table (Primary Key / Foreign Key)
ProcPlannedType	varchar	50	False	Type of nephrectomy planned: radical, partial
ProcCaseQuality	varchar	50	False	Surgeon's assessment of case quality
ProcCompleteResection	varchar	50	False	Resection complete by Intraoperative ultrasound assessment
ProcPartialReason	varchar	50	False	Specify reason for partial nephrectomy
ProcPartialIschemia	varchar	50	False	Ischemia event during partial nephrectomy
ProcPartialIceSlush	varchar	50	False	Ice slush used for partial nephrectomy
ProcPartialClampStartTime	varchar	50	False	Clamp start time for partial nephrectomy
ProcPartialClampStopTime	varchar	50	False	Clamp stop time for partial nephrectomy
ProcPartialClampDuration	varchar	50	False	Total time (minutes) clamp applied (calculated where info complete or OR report)
ProcPreOpDiagnosis	varchar	255	False	Diagnosis prior to surgery
ProcPostOpDiagnosis	varchar	255	False	Diagnosis after the surgery
ProcTumorLocation	varchar	255	False	Location of tumor within the kidney
ProcNumTumors	varchar	50	False	Number of Tumors
ProcConversionReason	varchar	255	False	Reason for converting to an open procedure
ProcExcisionTechnique	varchar	50	False	Technique utilized for this excision
ProcIntraOpUS	varchar	50	False	Ultrasound performed
ProcIntraOpUS_Lesions	varchar	50	False	Additional lesions identified
ProcIVC_Inv	varchar	50	False	Level of Inferior Vena Cava invasion
ProcHypothermia	varchar	50	False	Hypothermia
ProcRenalHypothermiaType	varchar	50	False	Type of renal hypothermia
ProcUreteralStent	varchar	50	False	Ureteral Stent
ProcCollectingSystemEntry	varchar	50	False	Collection System Entry
ProcCollectingSystemRepair	varchar	50	False	Collection system repair performed
ProcRenalVeinClamping	varchar	50	False	Renal vein clamped during procedure
ProcNumRenalArteries	varchar	50	False	Number of renal arteries
ProcNumRenalArteriesOccluded	varchar	50	False	Number of renal arteries clamped
ProcSinusFatExtension	varchar	50	False	Extension into the sinus fat
ProcFrozenSections	varchar	50	False	Frozen section results
ProcAddTissue	varchar	50	False	Additional Tissue Removed
ProcDrains	varchar	50	False	Drains utilized
ProcCO2_PressureDuration	varchar	50	False	Duration of CO2 Pressure (min)
ProcPercKidneySpared	varchar	50	False	Percent of kidney spared
ProcComplication	varchar	50	False	Intra-Op Complications
EnteredBy	varchar	50	True	User who entered this record
EnteredTime	datetime	0	True	Date and time this record was entered
UpdatedBy	varchar	50	False	User who last updated this record
UpdatedTime	datetime	0	False	Date and time this record was last updated

NeuralStimulationProcFinding

Description: Detailed neural stimulation findings associated with surgical procedures

Columns

Name	Type	Len	Required	Description
ProcedureId	int	0	True	References ProcedureId in Procedures table (Foreign Key)
NeuralStimulationProcFindingId	int	0	True	Unique identifier for NeuralStimulationProcFinding table (Primary Key)
ProcFindSide	varchar	50	False	Side of pelvis where neural stimulation performed: left/right
ProcFindSite	varchar	50	False	Site of neurostimulation
ProcFindLevel	varchar	50	False	Cranial-caudal (or proximal/distal) location (level) of neural stimulation
ProcFindOrder	varchar	50	False	Order of cavernosal neurostimulation: before or after procedure
ProcFindIntensity	varchar	50	False	Intensity of cavernosal neurostimulation
ProcFindmA	varchar	50	False	mA of cavernosal neurostimulation
ProcFindMovement	varchar	50	False	Movemen (degrees) of penis on cavernosal neurostimulation
EnteredBy	varchar	50	True	User who entered this record
EnteredTime	datetime	0	True	Date and time this record was entered
UpdatedBy	varchar	50	False	User who last updated this record
UpdatedTime	datetime	0	False	Date and time this record was last updated

NodePathFinding

Description: Detailed pathology findings from lymph node specimens

Columns

Name	Type	Len	Required	Description
PathologyId	int	0	True	References PathologyId in Pathology table (Foreign Key)
NodePathFindingId	int	0	True	Unique identifier for NodePathFinding table (Primary Key)
PathFindSide	varchar	50	False	Side of body for lymph node specimen pathology finding: left/right
PathFindSite	varchar	50	False	Anatomic location or site of lymph node specimen
PathFindMaxDim	varchar	50	False	Maximum dimension (cm) of lymph node specimen
PathFindExtension	varchar	50	False	Level of extra-nodal extension of cancer in node specimen
PathFindPosNodes	varchar	50	False	Number of positive lymph nodes from specified site
PathFindNumNodes	varchar	50	False	Number of lymph nodes examined by pathologist from specified site
PathFindHistology	varchar	255	False	Histology from lymph nodes specimen, in order of descending percentage (comma separated)
EnteredBy	varchar	50	True	User who entered this record
EnteredTime	datetime	0	True	Date and time this record was entered
UpdatedBy	varchar	50	False	User who last updated this record
UpdateTime	datetime	0	False	Date and time this record was last updated

NodeProc

Description: Operative report for lymph node dissection

Columns

Name	Type	Len	Required	Description
ProcedureId	int	0	True	References ProcedureId in Procedures table (Primary Key / Foreign Key)
ProcPacketType	varchar	50	False	Were lymph nodes submitted en bloc or packetted?
ProcNumPackets	varchar	50	False	Number of node packets submitted to pathology
ProcNumNodes	varchar	50	False	Number of lymph nodes submitted to pathology
ProcDissectionExtent	varchar	50	False	Extent of lymph node dissection
ProcDissectionComplete	varchar	50	False	Was node dissection complete? Yes/No
ProcResult	varchar	50	False	Overall/gross node assessment/results
EnteredBy	varchar	50	True	User who entered this record
EnteredTime	datetime	0	True	Date and time this record was entered
UpdatedBy	varchar	50	False	User who last updated this record
UpdatedTime	datetime	0	False	Date and time this record was last updated

OperatingRoomDetails

Description: Operative details associated with a particular surgery or procedure

Columns

Name	Type	Len	Required	Description
PatientId	int	0	True	
OperatingRoomDetailId	int	0	True	Unique identifier for OperatingRoomDetail table (Primary Key)
OpLogNum	varchar	50	False	
OpPending	bit	0	False	Pending/scheduled surgery
OpDateText	varchar	50	False	"Fuzzy" date of surgery
OpDate	datetime	0	False	Computer interpreted surgery date
OpInstitution	varchar	50	False	Institution where surgery was performed
OpService	varchar	50	False	Operation service
OpAdmitDateText	varchar	50	False	"Fuzzy" date of hospital admission
OpAdmitDate	datetime	0	False	Computer interpreted hospital admission date
OpDischargeDateText	varchar	50	False	"Fuzzy" date of hospital discharge
OpDischargeDate	datetime	0	False	Computer interpreted hospital discharge date
OpCaseSurgeon	varchar	50	False	Attending surgeon responsible for the entire case
OpDuration	varchar	50	False	Total operating time, skin to skin (minutes)
OpAnesthesiaDuration	varchar	50	False	Total time under anesthesia (minutes)
OpAnesthesiaType	varchar	50	False	Type of anesthesia administered
OpEstBloodLoss	varchar	50	False	Volume (cc) of estimated blood loss
OpAutoAvailable	varchar	50	False	Units of autologous whole blood available
OpAutoTransfused	varchar	50	False	Units of autologous whole blood transfused
OpAutoIntraOp	varchar	50	False	Units of autologous blood given intraoperatively
OpAutoPostOp	varchar	50	False	Units of autologous blood given post-operatively
OpRBC_Available	varchar	50	False	Units of packed red blood cells (RBCs) from blood bank available
OpRBC_Transfused	varchar	50	False	Units of packed red blood cells (RBCs) from blood bank transfused
OpRBC_IntraOp	varchar	50	False	Units of packed red blood cells (RBCs) transfused intraoperatively
OpRBC_PostOp	varchar	50	False	Units of packed red blood cells (RBCs) transfused postoperatively
OpHD_Available	varchar	50	False	Units of hemodialysis blood collected/available during surgery
OpHD_Transfused	varchar	50	False	Units of hemodialysis blood transfused
OpHD_IntraOp	varchar	50	False	Hemodialysis performed intraoperatively
OpHGB_Admit	varchar	50	False	Hemoglobin level on admission date
OpHCT_Admit	varchar	50	False	Hematocrit level on admission date
OpHGB_IntraOp	varchar	50	False	Intraoperative hemoglobin level
OpHCT_IntraOp	varchar	50	False	Intraoperative hematocrit level
OpFFP_Available	varchar	50	False	Amount of fresh frozen platelets available
OpFFP_Transfused	varchar	50	False	Fresh frozen plasma (FFP) transfused
OpFFP_IntraOp	varchar	50	False	Amount of fresh frozen platelets given intraoperatively
OpFFP_PostOp	varchar	50	False	Amount of fresh frozen platelets given postoperatively
OpPlateletsAvailable	varchar	50	False	Amount of platelets available
OpPlateletsTransfused	varchar	50	False	Platelets transfused
OpPlateletsIntraOp	varchar	50	False	Amount of platelets given intraoperatively
OpPlateletsPostOp	varchar	50	False	Amount of platelets given postoperatively
OpCryoAvailable	varchar	50	False	Amount of cryo available for surgery
OpCryoTransfused	varchar	50	False	Cryoprecipitate transfused
OpCryoIntraOp	varchar	50	False	Amount of Cryo used intraperatively
OpCryoPostOp	varchar	50	False	Amount of Cryo used Postoperatively
OpPreOpAntibiotics	varchar	50	False	Preoperative antibiotics administered
OpIntraOpAntibiotics	varchar	50	False	Intraoperative antibiotics administered
OpPostOpAntibiotics	varchar	50	False	Postoperative antibiotics administered

OpNG_Tube	varchar	50	False	Nasogastric tube
OpAnticoagulation	varchar	50	False	Anticoagulation
OpPneumatics	varchar	50	False	Pneumatics
OpICU_PostOp	varchar	50	False	Postoperative intensive care unit (ICU)
OpPostOpDayFed	varchar	50	False	Postoperative day fed
OpASA	varchar	50	False	Anesthesia Score
OpFluids	varchar	50	False	Surgical fluids (cc)
OpFluidNormosol	varchar	50	False	Normosol fluid level in cc
OpFluidAlbumin	varchar	50	False	Albumin fluid level in cc
OpFluidManitol	varchar	50	False	Manitol fluid level in cc
OpFluidHespan	varchar	50	False	Hespan fluid level in cc
OpColloid	varchar	50	False	Amount of colloid used intraoperatively
OpCrystalloid	varchar	50	False	Amount of crystalloid used intraoperatively
OpUrineOutput	varchar	50	False	Urine output intraoperatively
OpDifficulty	varchar	50	False	Surgeon's assessment of surgical difficulty
OpNS_ProbeType	varchar	50	False	Type of probe used for neurostimulation
OpNS_Notes	varchar	1000	False	Notes/comments about neurostimulation
OpPresenceStatement	varchar	100	False	Surgeon present for entire operation or key portions
OpPresenceKeyPortions	varchar	100	False	Key portions of operation for which surgeon was present
OpInTime	varchar	50	False	Time of day that patient entered OR (hh:mm)
OpOutTime	varchar	50	False	Time of day that patient exited OR (hh:mm)
OpPatientDisposition	varchar	50	False	Location to where the patient was transferred after leaving the OR
OpAdmitStatus	varchar	50	False	Indicate whether the procedure was an Inpatient or Outpatient / Observation procedure
OpLocation	varchar	50	False	Operating room or location where the surgery was performed
OpIntraopMonitoring	varchar	50	False	Monitoring used during the operation
OpPreOpSummary	varchar	500	False	Pre-op Summary
OpPostOpSummary	varchar	500	False	Post-op Summary
OpNotes	varchar	2000	False	Operative notes, case surgeon comments
OpDataSource	varchar	100	False	Data source: surgery report, encounter note, data form
OpQuality	varchar	50	False	Data quality for surgery record
EnteredBy	varchar	50	True	User who entered this record
EnteredTime	datetime	0	True	Date and time this record was entered
UpdatedBy	varchar	50	False	User who last updated this record
UpdatedTime	datetime	0	False	Date and time this record was last updated
LockedBy	varchar	50	False	User who locked this record
LockedTime	datetime	0	False	Date and time this record was locked

OrchiectomyPath

Description: Pathology report for orchiectomy specimen

Columns

Name	Type	Len	Required	Description
PathologyId	int	0	True	References PathologyId in Pathology table (Primary Key / Foreign Key)
PathVascularInv	varchar	50	False	Presence of lymphovascular invasion in surgery specimen
PathSpermaticCordInv	varchar	50	False	Cancer involves/invades spermatic cord
PathScrotalInv	varchar	50	False	Cancer involves/invades scrotum
PathEpididymisInv	varchar	50	False	Cancer involves/invades epididymis
PathReteTestisInv	varchar	50	False	Cancer involves/invades rete testis
PathTunicaAlbugineaInv	varchar	50	False	Cancer involves/invades tunica albuginea
PathCancerMaxDim	varchar	50	False	Maximum dimension (cm) of cancer in orchiectomy specimen
PathCarcinomaInSitu	varchar	50	False	Intratubular germ cell neoplasia (carcinoma in situ)
PathOtherTestis	varchar	50	False	Pathology status of other (contralateral) testis
EnteredBy	varchar	50	True	User who entered this record
EnteredTime	datetime	0	True	Date and time this record was entered
UpdatedBy	varchar	50	False	User who last updated this record
UpdatedTime	datetime	0	False	Date and time this record was last updated

PancreasPath

Description: Pathology report for pancreatectomy specimen (for patients with primary pancreas cancer)

Columns

Name	Type	Len	Required	Description
PathologyId	int	0	True	References PathologyId in Pathology table (Primary Key / Foreign Key)
PathDifferentiation	varchar	50	False	Measure of the similarity of the cells to pancreas cells
PathExtraParenchymalInv	varchar	50	False	Level of Extraparenchymal Invasion
PathVascularInv	varchar	50	False	Presence of lymphovascular invasion in surgery specimen
PathPerineuralInv	varchar	50	False	Presence of perineural invasion (PNI) in pancreas surgery specimen
PathPancreaticMargin	varchar	50	False	Pancreas Margin Status
PathAnteriorMargin	varchar	50	False	Anterior Margin Status
PathPosteriorMargin	varchar	50	False	Posterior Margin Status
PathDuodenalMargin	varchar	50	False	Duodenal Margin Status
PathGastricMargin	varchar	50	False	Gastric Margin Status
PathBileDuctMargin	varchar	50	False	Bile Duct Margin Status
PathAnteriorPeritonealInv	varchar	50	False	Presence of Anterior Peritoneal Invasion
PathPancreatitis	varchar	50	False	Level of Pancreatitis
PathFibrosis	varchar	50	False	Presence of Fibrosis
PathDuodenum	varchar	50	False	Status of Duodenum
PathStomach	varchar	50	False	Status of Stomach
PathPanIn	varchar	50	False	Presence of Pancreatic Intraepithelial Neoplasia
PathIPMN	varchar	50	False	
PathLymphaticInv	varchar	50	False	
EnteredBy	varchar	50	True	User who entered this record
EnteredTime	datetime	0	True	Date and time this record was entered
UpdatedBy	varchar	50	False	User who last updated this record
UpdatedTime	datetime	0	False	Date and time this record was last updated

PancreasProc

Description: Operative report for pancreas surgery

Columns

Name	Type	Len	Required	Description
ProcedureId	int	0	True	References ProcedureId in Procedures table (Primary Key / Foreign Key)
ProcIntent	varchar	50	False	Intent of operation
ProcStent	varchar	50	False	Pre-operative stent (Incision Type)
ProcPortalVeinResection	varchar	50	False	Portal vein resection
ProcMarginFrozen	varchar	50	False	Status of frozen section of margin
ProcReconstruction	varchar	50	False	Reconstruction (loop, Roux)
ProcPancreas	varchar	50	False	Pancreas (hard, soft)
ProcPancreaticDuctSize	varchar	50	False	Size of pancreatic duct
ProcBileDuctSize	varchar	50	False	Size of bile duct
ProcDrains	varchar	50	False	Drains used
ProcBiliaryBypass	varchar	50	False	Biliary bypass
ProcBiliaryBypassOrigin	varchar	50	False	Origin of biliary bypass
ProcBiliaryBypassDestination	varchar	50	False	Destination of biliary bypass
ProcGastricBypass	varchar	50	False	Gastric bypass
ProcPlexusBlock	varchar	50	False	Plexus block
ProcSkinClosure	varchar	50	False	Skin closure
ProcAnast	varchar	50	False	
ProcPancreaticAnast	varchar	50	False	
ProcBiliaryAnast	varchar	50	False	
ProcDuodenalAnast	varchar	50	False	
ProcGastricAnast	varchar	50	False	
ProcDuodenumResectedSegment	varchar	50	False	
ProcLaparotomyIncision	varchar	50	False	
ProcNumDrains	varchar	50	False	
ProcNumPorts	varchar	50	False	
ProcPortalVeinReconstruction	varchar	50	False	
ProcFascialClosure	varchar	50	False	
ProcRemnantClosure	varchar	50	False	
EnteredBy	varchar	50	True	
EnteredTime	datetime	0	True	
UpdatedBy	varchar	50	False	
UpdatedTime	datetime	0	False	

PathTest

Description: Lab test results for tissue or fluid biomarkers (from procedure specimens or fluids)

Columns

Name	Type	Len	Required	Description
PathologyId	int	0	True	References PathologyId in Pathology table (Foreign Key)
PathTestId	int	0	True	Unique identifier for PathTest table (Primary Key)
PathDateText	varchar	50	False	"Fuzzy" date of path test
PathDate	datetime	0	False	Computer interpreted pathology test date
PathTime	varchar	50	False	Time of path test (tissue biomarker)
PathTest	varchar	50	False	Pathology Tests Performed (eg. her-2/neu)
PathResult	varchar	50	False	"Fuzzy" marker value, can include >, <
PathUnits	varchar	50	False	Units of measurement for path test result
PathNormalRange	varchar	50	False	Limit of Normal
PathNotes	varchar	1000	False	Notes/comments about path test
PathDataSource	varchar	50	False	Data source: pathology report, encounter note, data form, data feed
PathQuality	varchar	50	False	Data quality for path test record
EnteredBy	varchar	50	True	User who entered this record
EnteredTime	datetime	0	True	Date and time this record was entered
UpdatedBy	varchar	50	False	User who last updated this record
UpdatedTime	datetime	0	False	Date and time this record was last updated

Pathology

Description: Pathology report

Columns

Name	Type	Len	Required	Description
PatientId	int	0	True	References PatientId in Patients table (Foreign Key)
OperatingRoomDetailId	int	0	False	References OperatingRoomDetailId in OperatingRoomDetail table (Optional Foreign Key)
ProcedureId	int	0	False	The Procedure this pathology is related to
PathologyId	int	0	True	Unique identifier for Pathology table (Primary Key)
PathDateText	varchar	50	False	"Fuzzy" date of pathology report
PathDate	datetime	0	False	Computer interpreted date of pathology report
PathInstitution	varchar	50	False	Institution where pathology review of specimen was performed
PathLaboratory	varchar	50	False	Laboratory
PathSpecimenType	varchar	50	False	Type of specimen reviewed
PathSpecimenCollection	varchar	50	False	Method of specimen collection
PathSite	varchar	50	False	Anatomic site of specimen
PathSubsite	varchar	50	False	Anatomic subsite of specimen
PathSide	varchar	50	False	Side of pathology specimen
PathNum	varchar	50	False	Pathology accession number for procedure specimen
PathHistology	varchar	255	False	Histology from procedure specimen, in descending percentage (comma separated)
PathHistology2	varchar	255	False	Secondary histology
PathResult	varchar	50	False	Overall result/summary of procedure specimen pathology
Pathologist	varchar	50	False	Pathologist who reviewed specimen
PathLymphaticInv	varchar	50	False	
PathVascularInv	varchar	50	False	
PathPerineuralInv	varchar	50	False	
PathNotes	varchar	8000	False	Notes/comments about pathology findings
PathDataSource	varchar	100	False	Data source: surgery report, pathology report, encounter note, data form
PathQuality	varchar	50	False	Data quality for procedure record
EnteredBy	varchar	50	True	User who entered this record
EnteredTime	datetime	0	True	Date and time this record was entered
UpdatedBy	varchar	50	False	User who last updated this record
UpdatedTime	datetime	0	False	Date and time this record was last updated
LockedBy	varchar	50	False	User who locked this record
LockedTime	datetime	0	False	Date and time this record was locked

PathologyFinding

Description: Detailed pathology findings from any surgical procedure specimen

Columns

Name	Type	Len	Required	Description
PathologyId	int	0	True	References PathologyId in Pathology table (Foreign Key)
PathologyFindingId	int	0	True	Unique identifier for PathFinding table (Primary Key)
PathFindSide	varchar	50	False	Side of pathologic finding from procedure specimen: left/right
PathFindSite	varchar	50	False	Anatomic location/site of finding from procedure specimen
PathFindSubsite	varchar	50	False	Anatomic location/subsite of finding from procedure specimen
PathFindIndex	varchar	50	False	
PathFindHistology	varchar	255	False	Histology from procedure specimen, in order of descending percentage (comma separated)
PathFindHeight	varchar	50	False	Height (cm) of pathology finding from procedure
PathFindWidth	varchar	50	False	Width (cm) of pathology finding from procedure
PathFindLength	varchar	50	False	Length (cm) of pathology finding from procedure
PathFindGrade	varchar	50	False	Pathologic grade of procedure specimen finding
PathFindResult	varchar	50	False	Overall result/summary of pathology findings
PathFinding	varchar	50	False	
PathFindNotes	varchar	1000	False	Additional notes
EnteredBy	varchar	50	True	User who entered this record
EnteredTime	datetime	0	True	Date and time this record was entered
UpdatedBy	varchar	50	False	User who last updated this record
UpdateTime	datetime	0	False	Date and time this record was last updated

PathologyStageGrade

Description: AJCC/UICC pathologic tumor stage and grade

Columns

Name	Type	Len	Required	Description
PathologyId	int	0	True	References PathologyId in Pathology table (Foreign Key)
PathologyStageGradeId	int	0	True	Unique identifier for Pathology StageGrade table (Primary Key)
PathStageDisease	varchar	50	False	Disease for UICC/AJCC pathology stage
PathStageSystem	varchar	50	False	UICC/AJCC pathologic N stage of procedure specimen
PathStageT	varchar	50	False	UICC/AJCC pathologic T stage of procedure specimen
PathStageN	varchar	50	False	UICC/AJCC pathologic N stage of procedure specimen
PathStageM	varchar	50	False	UICC/AJCC pathologic M stage of procedure specimen
PathStageR	varchar	50	False	AJCC Residual Tumor of patholigical stage
PathStageGroup	varchar	50	False	UICC/AJCC pathology stage group
PathGrade	varchar	50	False	Differentiation or grade of the path specimen
PathNotes	varchar	1000	False	
PathDataSource	varchar	100	False	Data source: pathology report, encounter note, data form, data feed
PathQuality	varchar	50	False	Data quality for procedure record
EnteredBy	varchar	50	True	User who entered this record
EnteredTime	datetime	0	True	Date and time this record was entered
UpdatedBy	varchar	50	False	User who last updated this record
UpdatedTime	datetime	0	False	Date and time this record was last updated

PatientConsent

Description: Consent specific questions and answers

Columns

Name	Type	Len	Required	Description
PatientId	int	0	True	References PatientID in Patients table (Foreign Key)
ConsentId	int	0	True	Unique identifier for Consent table (Primary Key)
ConsentProtocol	varchar	50	False	Protocol the patient was consented
DBConsented	varchar	50	False	Permission to use a patient's data in the database
ResearchConsented	varchar	50	False	Permission to contact the patient for future studies
ConsentDateText	varchar	50	False	
ConsentDate	datetime	0	False	Date the consent was signed
ConsentedBy	varchar	50	False	
ConsentVer	varchar	50	False	Version of the consent
AuthorizedPerson	varchar	50	False	Person signing the consent
ConsentRelationship	varchar	50	False	Relationship of person signing the consent
CopyToPatient	varchar	50	False	Was a copy given to the patient
ObtainPerson	varchar	50	False	Person who obtained the consent
ObtainDate	datetime	0	False	Date the consent was obtained
EnteredBy	varchar	50	True	User who entered this record
EnteredTime	datetime	0	True	Date and time this record was entered
UpdatedBy	varchar	50	False	User who last updated this record
UpdatedTime	datetime	0	False	Date and time this record was last updated
LockedBy	varchar	50	False	User who locked this record
LockedTime	datetime	0	False	Date and time this record was locked

PatientDiseases

Description: Oncologic diseases diagnosed in a patient

Columns

Name	Type	Len	Required	Description
PatientId	int	0	True	References PatientID in Patients table (Foreign Key)
DiseaseId	int	0	True	Reference DiseaseId in Diseases table (Foreign Key)
PatientDiseaseId	int	0	True	
EnteredBy	varchar	50	True	
EnteredTime	datetime	0	True	Date and time this record was entered
UpdatedBy	varchar	50	False	
UpdatedTime	datetime	0	False	Date and time this record was last updated

PatientEdDisease

Description:

Columns

Name	Type	Len	Required	Description
DiseaseId	int	0	True	
DiseaseName	varchar	100	True	

PatientEdDisease_VisitType_SubTopic

Description:

Columns

Name	Type	Len	Required	Description
DiseaseVisitTypeSubTopicId	int	0	True	
DiseaseId	int	0	False	
VisitTypeId	int	0	False	
SubTopicId	int	0	True	
PacketId	int	0	False	
PrimarySection	bit	0	False	
SubTopicChecked	bit	0	False	

PatientEdPacket

Description:

Columns

Name	Type	Len	Required	Description
PacketId	int	0	True	
PacketName	varchar	200	True	

PatientEdProfile

Description:

Columns

Name	Type	Len	Required	Description
ProfileId	int	0	True	
PatientId	int	0	True	
ProfileVisitTypeId	int	0	False	
ProfileDiseaseId	int	0	False	
ProfileCreateDate	datetime	0	True	
ProfileDocument	text	0	False	
LastPrintedBy	varchar	50	False	
LastPrintedTime	datetime	0	False	
EnteredBy	varchar	50	True	
EnteredTime	datetime	0	True	
UpdatedBy	varchar	50	False	
UpdatedTime	datetime	0	False	
LockedBy	varchar	50	False	
LockedTime	datetime	0	False	

PatientEdProfileDocPart

Description:

Columns

Name	Type	Len	Required	Description
ProfileDocPartId	int	0	True	
ProfileId	int	0	True	
SubTopicId	int	0	True	
SubTopicVersionNumber	decimal	0	True	
OrderNumber	int	0	True	

PatientEdSection

Description:

Columns

Name	Type	Len	Required	Description
SectionId	int	0	True	
SectionName	varchar	200	True	
SectionDescription	varchar	2000	False	
OrderNumber	int	0	False	
EnteredBy	varchar	50	True	
EnteredTime	datetime	0	True	
UpdatedBy	varchar	50	False	
UpdatedTime	datetime	0	False	
LockedBy	varchar	50	False	
LockedTime	datetime	0	False	

PatientEdSubTopic

Description:

Columns

Name	Type	Len	Required	Description
SubTopicId	int	0	True	
TopicId	int	0	True	
SubTopicName	varchar	200	True	
SubTopicContent	text	0	False	
ImagePath	varchar	200	False	
VersionNumber	decimal	0	False	
OrderNumber	int	0	False	
EnteredBy	varchar	50	True	
EnteredTime	datetime	0	True	
UpdatedBy	varchar	50	False	
UpdatedTime	datetime	0	False	
LockedBy	varchar	50	False	
LockedTime	datetime	0	False	

PatientEdTopic

Description:

Columns

Name	Type	Len	Required	Description
TopicId	int	0	True	
SectionId	int	0	True	
TopicName	varchar	200	True	
TopicDescription	varchar	2000	False	
OrderNumber	int	0	False	
EnteredBy	varchar	50	True	
EnteredTime	datetime	0	True	
UpdatedBy	varchar	50	False	
UpdatedTime	datetime	0	False	
LockedBy	varchar	50	False	
LockedTime	datetime	0	False	

PatientEdVisitType

Description:

Columns

Name	Type	Len	Required	Description
VisitTypeId	int	0	True	
VisitTypeName	varchar	200	True	
OrderNumber	int	0	False	

PatientEdWorkingVersion

Description:

Columns

Name	Type	Len	Required	Description
WorkingVersionId	int	0	True	
TableName	varchar	100	True	
TablePrimaryKey	int	0	True	
WorkingVersionContent	text	0	False	
VersionNumber	decimal	0	False	
RevisionNumber	int	0	False	
InitiatedBy	varchar	50	True	
InitiatedTime	datetime	0	True	
LastUpdatedBy	varchar	50	False	
LastUpdatedTime	datetime	0	False	
ApprovedBy	varchar	50	False	
ApprovedTime	datetime	0	False	

PatientInstitutions

Description: Institutions where a patient has received care

Columns

Name	Type	Len	Required	Description
PatientId	int	0	True	References PatientID in Patients table (Foreign Key)
InstitutionId	int	0	True	References InstitutionId in Institutions table (Foreign Key)
PatientInstitutionId	int	0	True	
EnteredTime	datetime	0	True	Date and time this record was entered
UpdatedTime	datetime	0	False	Date and time this record was last updated

PatientPhoneNumbers

Description: Patient contact phone numbers

Columns

Name	Type	Len	Required	Description
PatientId	int	0	True	References PatientID in Patients table (Foreign Key)
PatientPhoneNumberId	int	0	True	Unique identifier for PatientPhoneNumbers table (Primary Key)
PtPhoneType	varchar	50	False	Type of phone number: home, work, mobile
PtPhoneNumber	varchar	50	False	Patient phone number
PtPhoneExtension	varchar	50	False	Patient phone extension
PtPhoneNotes	varchar	1000	False	Notes/comments about patient phone number: best time to call, etc.
EnteredBy	varchar	50	True	User who entered this record
EnteredTime	datetime	0	True	Date and time this record was entered
UpdatedBy	varchar	50	False	User who last updated this record
UpdatedTime	datetime	0	False	Date and time this record was last updated
LockedBy	varchar	50	False	User who locked this record
LockedTime	datetime	0	False	Date and time this record was locked

PatientPhysicians

Description: Physicians who have played a role in the care of a patient

Columns

Name	Type	Len	Required	Description
PatientId	int	0	True	References PatientID in Patients table (Foreign Key)
PhysicianId	int	0	True	References PhysicianId in Physicians table (Foreign Key)
PatientPhysicianId	int	0	True	Unique identifier for PatientPhysicians table (Primary Key)
PtPhRole	varchar	50	False	Role of physician relating to patient: treating, following, referring
PtPhContactStatus	varchar	50	False	Permission to contact patient physician
PtPhNotes	varchar	1000	False	Notes/comments about patient physician
EnteredBy	varchar	50	True	User who entered this record
EnteredTime	datetime	0	True	Date and time this record was entered
UpdatedBy	varchar	50	False	User who last updated this record
UpdatedTime	datetime	0	False	Date and time this record was last updated
LockedBy	varchar	50	False	User who locked this record
LockedTime	datetime	0	False	Date and time this record was locked

PatientProblems

Description: Patient problems assessed as part of a clinical visit

Columns

Name	Type	Len	Required	Description
PatientId	int	0	True	
PatientProblemId	int	0	True	Unique identifier for EncProblems table (Primary Key)
ProblemDateText	varchar	50	False	
ProblemDate	datetime	0	False	
ProblemName	varchar	2000	True	Clinical problem being tracked
ProblemStatus	varchar	50	False	Current status of this problem (New, resolved, unchanged, etc...)
ProblemNotes	varchar	1000	False	Additional notes about this problem
ProblemICD_Code	varchar	50	False	ICD or Billing Code for this problem
ProblemICD_Description	varchar	255	False	ICD description for this problem
ProblemResolvedDateText	varchar	50	False	
ProblemResolvedDate	datetime	0	False	
EnteredBy	varchar	50	True	
EnteredTime	datetime	0	True	
UpdatedBy	varchar	50	False	
UpdatedTime	datetime	0	False	

PatientProtocolRegistration

Description:

Columns

Name	Type	Len	Required	Description
PatientProtocolId	int	0	True	
PatientProtocolRegistrationId	int	0	True	
ConsentedBy	varchar	50	False	
ConsentedTo	varchar	1000	False	
RegisteredBy	varchar	50	False	
PhysicianOfRecord	varchar	50	False	
ResearchAuthorizationSigned	varchar	50	False	
PrivacyPracticeNoticeVerified	varchar	50	False	
EnteredBy	varchar	50	True	
EnteredTime	datetime	0	True	
UpdatedBy	varchar	50	False	
UpdatedTime	datetime	0	False	

PatientProtocolRegQuestionnaires

Description:

Columns

Name	Type	Len	Required	Description
PatientProtocolRegistrationId	int	0	True	
PatientProtocolRegQuestionnaireId	int	0	True	
QuestionNum	varchar	50	False	
Question	varchar	1000	False	
Response	varchar	255	False	
IneligibleResponseOverride	bit	0	False	
IneligibleOverrideReason	varchar	255	False	
EnteredBy	varchar	50	True	
EnteredTime	datetime	0	True	
UpdatedBy	varchar	50	False	
UpdatedTime	datetime	0	False	

PatientProtocolStatus

Description: Dates and status descriptions for a patient's major events while on a protocol

Columns

Name	Type	Len	Required	Description
PatientProtocolId	int	0	True	References PatientProtocolId in PatientProtocols table (Foreign Key)
PatientProtocolStatusId	int	0	True	Unique Identifier for PatientProtocolStatus table (Primary Key)
PtProtocolStatusDateText	varchar	50	False	"Fuzzy" date of protocol status event
PtProtocolStatusDate	datetime	0	False	Computer interpreted protocol status event date
PtProtocolStatus	varchar	50	False	Protocol status event
PtProtocolStatusReason	varchar	50	False	Reason for change in protocol status
PtProtocolStatusNotes	varchar	1000	False	Notes/comments about protocol status event
EnteredBy	varchar	50	True	User who entered this record
EnteredTime	datetime	0	True	Date and time this record was entered
UpdatedBy	varchar	50	False	User who last updated this record
UpdateTime	datetime	0	False	Date and time this record was last updated

PatientProtocols

Description: Protocols that a patient has consented, registered, or been found ineligible

Columns

Name	Type	Len	Required	Description
PatientId	int	0	False	References PatientID in Patients table (Foreign Key)
ProtocolId	int	0	True	References ProtocolId in Protocols table (Foreign Key)
PtProtocolScreeningId	int	0	False	
PtProtocolStudyId	int	0	False	
PatientProtocolId	int	0	True	Unique identifier for PatientProtocols table (Primary Key)
PtProtocolStatus	varchar	50	False	Latest patient status for protocol
PtProtocolNotes	varchar	1000	False	Notes/comments about protocol
PtProtocolDataSource	varchar	100	False	Data source: data form
PtProtocolQuality	varchar	50	False	Data quality for patient/protocol record
EnteredBy	varchar	50	True	User who entered this record
EnteredTime	datetime	0	True	Date and time this record was entered
UpdatedBy	varchar	50	False	User who last updated this record
UpdatedTime	datetime	0	False	Date and time this record was last updated
LockedBy	varchar	50	False	User who locked this record
LockedTime	datetime	0	False	Date and time this record was locked

Patients

Description: Patient demographic information including contact information, date of birth, and death status

Columns

Name	Type	Len	Required	Description
PtMRN	varchar	50	False	Patient's medical record number (Required)
PatientId	int	0	True	Unique identifier for Patients table (Primary Key)
PtTitle	varchar	50	False	Patient's title: Mr., Dr., Hon., Rev.
PtFirstName	varchar	50	False	Patient's first name, given name
PtMiddleName	varchar	50	False	Patient's middle name, second given name
PtLastName	varchar	50	False	Patient's last name, surname
PtSuffix	varchar	50	False	Patient's name suffix: Jr., Sr., III
PtAlias	varchar	50	False	Patient's alias name
PtMaidenName	varchar	50	False	Patient's maiden name
PtGender	varchar	50	False	Patient's gender
PtCompany	varchar	50	False	Patient's company/employer
PtBusinessCity	varchar	50	False	Company/employer city
PtBusinessState	varchar	50	False	Company/employer state
PtAddress1	varchar	100	False	Patient's address line 1
PtAddress2	varchar	100	False	Patient's address line 2
PtCity	varchar	50	False	Patient's city
PtState	varchar	50	False	Patient's state
PtPostalCode	varchar	50	False	Patient's postal code/ZIP code
PtCountry	varchar	50	False	Patient's country of residence
PtEmail	varchar	50	False	Patient's email address
PtBirthDateText	varchar	50	False	"Fuzzy" date of birth
PtBirthDate	datetime	0	False	Computer interpreted birth date
PtBirthPlace	varchar	100	False	Patient's place of birth
PtDeathDateText	varchar	50	False	"Fuzzy" date of death
PtDeathDate	datetime	0	False	Computer interpreted death date
PtDeathType	varchar	50	False	Patient's death type: dead of disease (DOD), of other causes (DOC), of unknown causes (DUC)
PtDeathCause	varchar	255	False	Patient's exact cause of death (from Death Certificate)
PtContactPerson	varchar	50	False	Patient's emergency contact person
PtContactAddress1	varchar	100	False	Street address of patient's emergency contact person
PtContactAddress2	varchar	100	False	Street address line 2 of patient's emergency contact person
PtContactCity	varchar	50	False	City of patient's emergency contact person
PtContactState	varchar	50	False	State of patient's emergency contact person
PtContactPostalCode	varchar	50	False	Postal code of patient's emergency contact person
PtContactPhone	varchar	50	False	Phone number of patient's emergency contact person
PtSpouse	varchar	50	False	Name of patient's spouse
PtRace	varchar	50	False	Patient's race
PtEthnicity	varchar	50	False	Patient's ethnicity
PtLanguage	varchar	50	False	Patient's primary language
PtContactStatus	varchar	50	False	Current, lost to follow-up, do not follow-up, etc.
PtNotes	varchar	1000	False	Notes/comments about patient
EnteredBy	varchar	50	True	User who entered this record
EnteredTime	datetime	0	True	Date and time this record was entered
UpdatedBy	varchar	50	False	User who last updated this record
UpdatedTime	datetime	0	False	Date and time this record was last updated
LockedBy	varchar	50	False	User who locked this record
LockedTime	datetime	0	False	Date and time this record was locked

Permissions

Description: Rules or privileges used to assign access rights to the database

Columns

Name	Type	Len	Required	Description
PermissionId	int	0	True	Unique identifier for Permissions table (Primary Key)
Permission	varchar	50	True	Permission
PermissionDescription	varchar	255	True	Permission description
EnteredBy	varchar	50	True	
EnteredTime	datetime	0	True	Date and time this record was entered
UpdatedBy	varchar	50	False	
UpdatedTime	datetime	0	False	Date and time this record was last updated
DeactivatedTime	datetime	0	False	Date and time permission deactivated?

PhysicianBilling

Description: Physician billing (IDX) codes

Columns

Name	Type	Len	Required	Description
OperatingRoomDetailId	int	0	True	
ProcedureId	int	0	False	
PhysicianBillingId	int	0	True	Unique identifier for PhysicianBilling table (Primary Key)
PhysBillIDX_Code	varchar	50	False	Physician billing IDX code
PhysBillIDX_Description	varchar	255	False	Physician billing IDX code description
PhysBillIDX_Notes	varchar	1000	False	Physician billing IDX code notes
EnteredBy	varchar	50	True	
EnteredTime	datetime	0	True	
UpdatedBy	varchar	50	False	
UpdatedTime	datetime	0	False	

Physicians

Description: Repository for referring physician information including contact information and specialty

Columns

Name	Type	Len	Required	Description
PhysicianId	int	0	True	References PhysicianId in Physicians table (Foreign Key)
PhSpecialty	varchar	100	False	Physician's Specialty
PhLevel	varchar	50	False	Attending/faculty, fellow, resident
PhTitle	varchar	50	False	Physician's Title: M.D. or D.O.
PhFirstName	varchar	50	False	Physician's First Name
PhMiddleName	varchar	50	False	Physician's Middle Name
PhLastName	varchar	50	False	Physician's Last Name
PhSuffix	varchar	50	False	Physician's Suffix Name
PhAddress1	varchar	100	False	Physician's Address, Line 1
PhAddress2	varchar	100	False	Physician's Address, Line 2
PhCity	varchar	50	False	Physician's City
PhState	varchar	50	False	Physician's State
PhPostalCode	varchar	50	False	Physician's Postal Code / ZIP Code
PhCountry	varchar	50	False	Physician's Country
PhWorkPhone	varchar	50	False	Physician's office phone number
PhCellPhone	varchar	50	False	
PhFax	varchar	50	False	Physician's Fax Number
PhEmail	varchar	50	False	Physician's Email Address
PhInstitution	varchar	100	False	Physician's institution affiliation
PhDoNotContact	varchar	50	False	Patient's permission to contact his doctor
PhNotes	varchar	1000	False	Notes/comments about physician
EnteredBy	varchar	50	True	User who entered this record
EnteredTime	datetime	0	True	Date and time this record was entered
UpdatedBy	varchar	50	False	User who last updated this record
UpdatedTime	datetime	0	False	Date and time this record was last updated
LockedBy	varchar	50	False	User who locked this record
LockedTime	datetime	0	False	Date and time this record was locked

PlasticFreeFlapProc

Description: Plastic surgery related procedure details

Columns

Name	Type	Len	Required	Description
ProcedureId	int	0	True	
PlasticFreeFlapProcId	int	0	True	
ProcDonorSite	varchar	50	False	
ProcDonorType	varchar	50	False	
ProcDonorSide	varchar	50	False	
ProcRecipientVein1	varchar	50	False	
ProcRecipientVein2	varchar	50	False	
ProcRecipientArtery	varchar	50	False	
ProcDonorVein1	varchar	50	False	
ProcDonorVein2	varchar	50	False	
ProcDonorArtery	varchar	50	False	
ProcArterialOrientation	varchar	50	False	
ProcVenousOrientation	varchar	50	False	
ProcAnastomosisTechnique	varchar	50	False	
ProcVeinGraft	varchar	50	False	
ProcVenousSuture	varchar	50	False	
ProcArterialSuture	varchar	50	False	
EnteredBy	varchar	50	False	
EnteredTime	datetime	0	False	
UpdatedBy	varchar	50	False	
UpdatedTime	datetime	0	False	

PolypectomyPath

Description: Pathology report for polypectomy specimen

Columns

Name	Type	Len	Required	Description
PathologyId	int	0	True	References PathologyId in Pathology table (Primary Key / Foreign Key)
PathConfiguration	varchar	50	False	Gross configuration
PathPolypMaxDim	varchar	50	False	Maximum dimension of polyp in cm
PathVascularInv	varchar	50	False	Presence of lymphovascular invasion in surgery specimen
PathPerineuralInv	varchar	50	False	Presence of perineural invasion (PNI in polypectomy specimen
PathStalkMargin	varchar	50	False	Polyp stalk margin status
PathLateralMargin	varchar	50	False	Lateral margin status for cancer
PathLateralMarginSize	varchar	50	False	Width of lateral margin in cm
PathDeepMargin	varchar	50	False	Deep margin status
PathDeepMarginSize	varchar	50	False	Width of deep margin in cm
EnteredBy	varchar	50	True	User who entered this record
EnteredTime	datetime	0	True	Date and time this record was entered
UpdatedBy	varchar	50	False	User who last updated this record
UpdatedTime	datetime	0	False	Date and time this record was last updated

ProblemPlans

Description: Clinical plan to address clinical problems identified as part of a clinical visit

Columns

Name	Type	Len	Required	Description
PatientProblemId	int	0	True	
EncounterId	int	0	False	
ProblemPlanId	int	0	True	Unique identifier for ProblemPlans table (Primary Key)
PlanName	varchar	2000	True	Clinical plan to treat this problem
PlanStatus	varchar	50	False	Plan status
PlanType	varchar	50	False	Type of plan being implemented
PlanNotes	varchar	1000	False	Plan notes
EnteredBy	varchar	50	True	
EnteredTime	datetime	0	True	
UpdatedBy	varchar	50	False	
UpdatedTime	datetime	0	False	

ProcedureAssistants

Description: Attendings, fellows, and residents who assist the primary surgeon during a procedure

Columns

Name	Type	Len	Required	Description
ProcedureId	int	0	True	
ProcedureAssistantId	int	0	True	
ProcAssistant	varchar	50	False	
ProcAssistantType	varchar	50	False	
ProcAccreditation	bit	0	False	
EnteredBy	varchar	50	True	
EnteredTime	datetime	0	True	
UpdatedBy	varchar	50	False	
UpdatedTime	datetime	0	False	

ProcedureFinding

Description: Detailed gross findings from surgical procedure

Columns

Name	Type	Len	Required	Description
ProcedureId	int	0	True	References ProcedureId in Procedures table (Foreign Key)
ProcedureFindingId	int	0	True	Unique identifier for ProcedureFinding table (Primary Key)
ProcFinding	varchar	50	False	Gross finding
ProcFindSide	varchar	50	False	Side of body for lymph node specimen gross finding: left/right
ProcFindSite	varchar	50	False	Anatomic location/site of finding (eg. Nodes)
ProcFindSubsite	varchar	50	False	Anatomic location/subsite of finding (eg. Presacral)
ProcFindDissection	varchar	50	False	Type of dissection
ProcFindPrimaryDimension	varchar	50	False	Primary, or maximum dimension of the finding
ProcFindSecondaryDimension	varchar	50	False	Secondary dimension of the finding
ProcFindTertiaryDimension	varchar	50	False	The third dimension of the finding
ProcFindExtension	varchar	50	False	Local extension
ProcFindEncapsulation	varchar	50	False	Encapsulation
ProcFindDiseaseExtent	varchar	50	False	Extent of disease
ProcFindStatus	varchar	50	False	Gross status of finding eg. specified lymph nodes
ProcFindFrozen	varchar	50	False	Results of frozen section
ProcFindMorphology	varchar	50	False	
ProcFindNotes	varchar	1000	False	Procedure Findings Notes
EnteredBy	varchar	50	True	User who entered this record
EnteredTime	datetime	0	True	Date and time this record was entered
UpdatedBy	varchar	50	False	User who last updated this record
UpdateTime	datetime	0	False	Date and time this record was last updated

Procedures

Description: Surgical procedures that are not definitive surgical treatments like prostatectomies and nephrectomies

Columns

Name	Type	Len	Required	Description
PatientId	int	0	True	References PatientId in Patients table (Foreign Key)
OperatingRoomDetailId	int	0	False	References OperatingRoomDetailId in OperatingRoomDetail table (Foreign Key)
ProcedureId	int	0	True	Unique identifier for Procedures table (Primary Key)
ProcCPT_Code	varchar	50	False	CPT code for procedure
ProcCPT_Modifier	varchar	50	False	CPT code modifier
ProcCPT_Description	varchar	255	False	CPT code descriptive text
ProcPending	bit	0	False	Pending/scheduled surgical procedure
ProcPrimary	bit	0	False	Is this the primary procedure being performed?
ProcOrder	int	0	False	Procedure sort order
ProcPanelNum	int	0	False	Panel number
ProcedureSourceId	varchar	50	False	What is this?
ProcLogNum	varchar	50	False	Procedure log number
ProcDateText	varchar	50	False	"Fuzzy" date of procedure
ProcDate	datetime	0	False	Computer interpreted procedure date
ProcInstitution	varchar	50	False	Institution where procedure was performed
ProcService	varchar	50	False	Hospital branch dedicated to a particular specialty
ProcSurgeon	varchar	50	False	Primary surgeon who performed procedure
ProcSurgeonType	varchar	50	False	Type/level of primary surgeon for procedure: attending, fellow, resident
ProcAssistant	varchar	50	False	Assistant surgeon for procedure
ProcAssistantType	varchar	50	False	Type/level of assistant surgeon for procedure: attending, fellow, resident
ProcName	varchar	50	True	Name of procedure, ex. laparoscopic
ProcApproach	varchar	50	False	Surgical method used in this procedure
ProcSite	varchar	50	False	Site of body where procedure performed
ProcSubsite	varchar	50	False	biopsy table
ProcSide	varchar	50	False	Side of body where procedure performed: left/right
ProcIndication	varchar	50	False	Indication for surgical procedure
ProcIncisionSite	varchar	50	False	
ProcStartTime	varchar	50	False	Time the procedure started (hh:mm)
ProcEndTime	varchar	50	False	Time the procedure ended (hh:mm)
ProcPrepPosition	varchar	50	False	Patient Prep Position
ProcNotes	varchar	1000	False	Notes/comments about procedure/findings
ProcDataSource	varchar	100	False	Data source: surgery report, pathology report, encounter note, data form
ProcQuality	varchar	50	False	Data quality for procedure record
EnteredBy	varchar	50	True	User who entered this record
EnteredTime	datetime	0	True	Date and time this record was entered
UpdatedBy	varchar	50	False	User who last updated this record
UpdatedTime	datetime	0	False	Date and time this record was last updated
LockedBy	varchar	50	False	User who locked this record
LockedTime	datetime	0	False	Date and time this record was locked

Project

Description:

Columns

Name	Type	Len	Required	Description
ProjectId	int	0	True	
ParentProjectId	int	0	False	
Title	varchar	255	False	
ShortName	varchar	50	False	
ProjectNum	varchar	50	True	
Description	varchar	500	False	
Type	varchar	50	False	
Status	varchar	255	False	
Priority	varchar	50	False	
Phase	varchar	50	False	
Risk	varchar	50	False	
AdditionalFormNames	varchar	255	False	
FileFolder	varchar	50	False	
ProtocolPhase	varchar	50	False	
ClassOfDrug	varchar	255	False	
AgentName	varchar	255	False	
Notes	varchar	1000	False	
EnteredBy	varchar	50	True	
EnteredTime	datetime	0	True	
UpdatedBy	varchar	50	False	
UpdateTime	datetime	0	False	

ProjectCommunicationLog

Description:

Columns

Name	Type	Len	Required	Description
ProjectId	int	0	True	
CommunicationLogId	int	0	True	
ContactId	int	0	False	
OrganizationId	int	0	False	
LogCommDateText	varchar	50	False	
LogCommDate	datetime	0	False	
LogCommType	varchar	50	False	
LogCommDescription	varchar	255	False	
LogCommNotes	varchar	2000	False	
EnteredBy	varchar	50	True	
EnteredTime	datetime	0	True	
UpdatedBy	varchar	50	False	
UpdatedTime	datetime	0	False	

ProjectDocument

Description:

Columns

Name	Type	Len	Required	Description
ContactId	int	0	True	
DocumentId	int	0	True	
Path	varchar	50	True	
DocumentType	varchar	50	True	
EnteredBy	varchar	50	True	
EnteredTime	datetime	0	True	
UpdatedBy	varchar	50	False	
UpdatedTime	datetime	0	False	

ProjectDocument_ProjectStageEvent

Description:

Columns

Name	Type	Len	Required	Description
DocumentId	int	0	True	
StageEventId	int	0	True	
DocumentEventId	int	0	True	
EnteredBy	varchar	50	True	
EnteredTime	datetime	0	True	
UpdatedBy	varchar	50	False	
UpdatedTime	datetime	0	False	

ProjectEventAttributes

Description:

Columns

Name	Type	Len	Required	Description
StageEventId	int	0	True	
EventAttributeId	int	0	True	
AttributeName	varchar	200	True	
AttributeValue	varchar	200	False	
EnteredBy	varchar	50	True	
EnteredTime	datetime	0	True	
UpdatedBy	varchar	50	False	
UpdatedTime	datetime	0	False	

ProjectFundingSource

Description:

Columns

Name	Type	Len	Required	Description
ProjectId	int	0	True	
FundingSourceId	int	0	True	
Source	varchar	50	True	
SourceType	varchar	50	False	
StartDate	datetime	0	False	
EndDate	datetime	0	False	
Amount	varchar	50	False	
AmountPerPatient	varchar	50	False	
StartupCost	varchar	50	False	
TotalInvoicableCost	varchar	50	False	
InitialPayment	varchar	50	False	
EnteredBy	varchar	50	True	
EnteredTime	datetime	0	True	
UpdatedBy	varchar	50	False	
UpdatedTime	datetime	0	False	

ProjectJournal

Description:

Columns

Name	Type	Len	Required	Description
JournalId	int	0	True	
ISSN_Number	varchar	50	False	
JournalName	varchar	255	False	
ShortName	varchar	50	False	
Notes	varchar	1000	False	
EnteredBy	varchar	50	True	
EnteredTime	datetime	0	True	
UpdatedBy	varchar	50	False	
UpdatedTime	varchar	50	False	

ProjectInvoice

Description:

Columns

Name	Type	Len	Required	Description
FundingSourceId	int	0	True	
ProjectInvoiceId	int	0	True	
InvoiceService	varchar	50	False	
InvoiceCost	varchar	50	False	
InvoiceCondition	varchar	50	False	
Notes	varchar	1000	False	
EnteredBy	varchar	50	True	
EnteredTime	datetime	0	True	
UpdatedBy	varchar	50	False	
UpdatedTime	datetime	0	False	

ProjectLetterOfIntent

Description:

Columns

Name	Type	Len	Required	Description
ProjectId	int	0	True	
ProjectLetterOfIntentId	int	0	True	
LOINumber	varchar	50	False	
CreationDate	datetime	0	False	
StudyPhase	varchar	50	False	
SampleSize	int	0	False	
PopulationDiseaseState	varchar	200	False	
PopulationDescription	varchar	8000	False	
Objectives	varchar	8000	False	
Background	varchar	8000	False	
Eligibility	varchar	8000	False	
ResearchMethods	varchar	8000	False	
EvaluationMetrics	varchar	8000	False	
ContractNotes	varchar	8000	False	
StatisticsAnalyticsPlans	varchar	8000	False	
INDHolder	varchar	50	False	
INDNumber	varchar	50	False	
DataCollection	varchar	50	False	
ProtocolAuthor	varchar	50	False	
ParticipatingCenters	varchar	255	False	
MoreCentersNeeded	varchar	50	False	
PCCTCBudgetUsed	varchar	50	False	
RelativeStudiesProposed	varchar	50	False	
RelativeStudiesFunded	varchar	50	False	
MCTAUsed	varchar	50	False	
AgentsToBeStudied	varchar	50	False	
AgentSource	varchar	50	False	
ProtocolWritten	varchar	50	False	
ProtocolProvided	varchar	50	False	
ProtocolIRBApproved	varchar	50	False	
OpeningAtOtherCenters	varchar	50	False	
IsBudgetPerPatient	varchar	50	False	
BudgetNotes	varchar	1000	False	
ContractExecuted	varchar	50	False	
SponsorAgreed	varchar	50	False	
PerformanceStatus	varchar	50	False	
PriorTherapy	varchar	50	False	
CompletedByFirstName	varchar	50	False	
CompletedByLastName	varchar	50	False	
CompletedByEmail	varchar	50	False	
CompletedByPhone	varchar	50	False	
AbnormalOrganFunction	varchar	50	False	
Notes	varchar	1000	False	
EnteredBy	varchar	50	True	
EnteredTime	datetime	0	True	
UpdatedBy	varchar	50	False	
UpdatedTime	datetime	0	False	

ProjectLOIResponse

Description:

Columns

Name	Type	Len	Required	Description
ProjectLetterOfIntentId	int	0	True	
ContactId	int	0	False	
OrganizationId	int	0	True	
ProjectLOIResponseId	int	0	True	
ResponseDateText	varchar	50	False	
ResponseDate	datetime	0	False	
Participation	varchar	50	False	
Reason	varchar	255	False	
Notes	varchar	1000	False	
EnteredBy	varchar	50	True	
EnteredTime	datetime	0	True	
UpdatedBy	varchar	50	False	
UpdatedTime	varchar	50	False	

ProjectManuscript

Description:

Columns

Name	Type	Len	Required	Description
ProjectId	int	0	True	
JournalId	int	0	False	
ManuscriptId	int	0	True	
Title	varchar	255	False	
ResearchCategory	varchar	50	False	
Status	varchar	50	False	
ManuscriptType	varchar	50	False	
DeadlineDate	varchar	50	False	
PublishedYear	varchar	50	False	
OnlinePublishedDate	datetime	0	False	
ConferenceTitle	varchar	50	False	
ConferenceStartDate	varchar	50	False	
ConferenceEndDate	varchar	50	False	
Notes	varchar	1000	False	
EnteredBy	varchar	50	True	
EnteredTime	datetime	0	True	
UpdatedBy	varchar	50	False	
UpdatedTime	datetime	0	False	

ProjectManuscriptAuthor

Description:

Columns

Name	Type	Len	Required	Description
ContactId	int	0	True	
ManuscriptId	int	0	True	
AuthorId	int	0	True	
PrimaryAuthor	varchar	50	False	
AuthorRole	varchar	50	False	
AuthorOrder	varchar	50	False	
EnteredBy	varchar	50	True	
EnteredTime	datetime	0	True	
UpdatedBy	varchar	50	False	
UpdatedTime	datetime	0	False	

ProjectManuscriptCitation

Description:

Columns

Name	Type	Len	Required	Description
ManuscriptId	int	0	True	
CitationId	int	0	True	
CitationYear	varchar	50	False	
CitationCount	int	0	False	
Notes	varchar	1000	False	
EnteredBy	varchar	50	True	
EnteredTime	datetime	0	True	
UpdatedBy	varchar	50	False	
UpdatedTime	datetime	0	False	

ProjectManuscriptEvent

Description:

Columns

Name	Type	Len	Required	Description
ManuscriptId	int	0	True	
ContactId	int	0	True	
ManuscriptEventId	int	0	True	
EventName	varchar	50	False	
EventDate	datetime	0	False	
DocumentName	varchar	50	False	
Notes	varchar	50	False	
EnteredBy	varchar	50	True	
EnteredTime	datetime	0	True	
UpdatedBy	varchar	50	False	
UpdatedTime	datetime	0	False	

ProjectOrganization

Description:

Columns

Name	Type	Len	Required	Description
OrganizationId	int	0	True	
Name	varchar	255	False	
ShortName	varchar	50	False	
Address1	varchar	50	False	
Address2	varchar	50	False	
City	varchar	50	False	
State	varchar	50	False	
Country	varchar	50	False	
PostalCode	varchar	50	False	
ColorCode	varchar	50	False	
CoordinatingCenter	bit	0	False	
EnteredBy	varchar	50	True	
EnteredTime	datetime	0	True	
UpdatedBy	varchar	50	False	
UpdatedTime	datetime	0	False	

ProjectOrganization_ProjectContact

Description:

Columns

Name	Type	Len	Required	Description
OrganizationId	int	0	True	
ContactId	int	0	True	
OrganizationContactId	int	0	True	
ContactType	int	0	True	
PrimaryContact	bit	0	False	
OrganizationRole	varchar	100	False	
EnteredBy	varchar	50	True	
EnteredTime	datetime	0	True	
UpdatedBy	varchar	50	False	
UpdatedTime	datetime	0	False	

ProjectStage

Description:

Columns

Name	Type	Len	Required	Description
ProjectId	int	0	True	
StageId	int	0	True	
OrganizationId	int	0	False	
Name	varchar	50	False	
ColorCode	varchar	50	False	
EnteredBy	varchar	50	True	
EnteredTime	datetime	0	True	
UpdatedBy	varchar	50	False	
UpdatedTime	datetime	0	False	

ProjectStageEvent

Description:

Columns

Name	Type	Len	Required	Description
StageId	int	0	True	
StageEventId	int	0	True	
Name	varchar	50	False	
EventStartDate	datetime	0	False	
EventEndDate	datetime	0	False	
Notes	varchar	1000	False	
PendingEvent	bit	0	False	
EnteredBy	varchar	50	True	
EnteredTime	datetime	0	True	
UpdatedBy	varchar	50	False	
UpdatedTime	datetime	0	False	

Project_Contact

Description:

Columns

Name	Type	Len	Required	Description
ProjectId	int	0	True	
ContactId	int	0	True	
ProjectContactId	int	0	True	
ProjectRole	varchar	100	False	
EnteredBy	varchar	50	False	
EnteredTime	datetime	0	False	
UpdatedBy	varchar	50	False	
UpdatedTime	datetime	0	False	

Project_ProjectOrganization

Description:

Columns

Name	Type	Len	Required	Description
ProjectId	int	0	True	
OrganizationId	int	0	True	
ProjectOrganizationId	int	0	True	
OrganizationType	varchar	50	False	
EnteredBy	varchar	50	True	
EnteredTime	datetime	0	True	
UpdatedBy	varchar	50	False	
UpdatedTime	datetime	0	False	

ProstateBiopsyCorePath

Description: Pathology details for each core obtained during the prostate biopsy

Columns

Name	Type	Len	Required	Description
PathologyId	int	0	True	References PathologyId in Pathology table (Foreign Key)
ProstateBiopsyCorePathId	int	0	True	Unique identifier for BiopsyCoreProstate table (Primary Key)
PathCoreSide	varchar	50	False	Side of prostate where biopsy core taken: left/right
PathCoreLevel	varchar	50	False	Cranial-caudal location (level) of core within prostate
PathCoreLaterality	varchar	50	False	Laterality of prostate biopsy core
PathCoreZone	varchar	50	False	Anatomic zone (peripheral/transition) of prostate biopsy core
PathCoreNumCores	varchar	50	False	Number of cores from specified location
PathCoreNumFragments	varchar	50	False	Number of fragments
PathCoreLength	varchar	50	False	Length (mm) of biopsy core
PathCorePercCancer	varchar	50	False	Percent cancer in core (mm cancer / mm core)
PathCoreMaxCancerLength	varchar	50	False	Maximum cancer length
PathCoreCancerLength	varchar	50	False	Length (mm) of cancer in core
PathCorePercHG_Cancer	varchar	50	False	Percent of core with high grade cancer (Gleason grade 4-5)
PathCoreHG_Length	varchar	50	False	Length of high grade prostate intraepithelial neoplasia (HG PIN) in core
PathCoreGG1	varchar	50	False	Primary Gleason grade
PathCoreGG2	varchar	50	False	Secondary Gleason grade
PathCoreGG3	varchar	50	False	Tertiary Gleason grade
PathCoreGGS	varchar	50	False	Sum of primary and secondary Gleason grades
PathCoreResult	varchar	50	False	Overall core result (presence of cancer)
PathCoreExtension	varchar	50	False	Level of extra-capsular extension (ECE), extra-prostatic extension (EPE), prostate capsule invasion (PCI) found in core
PathCoreProstatitis	varchar	50	False	Presence of prostatitis in core
PathCorePerineuralInv	varchar	50	False	Presence of perineural invasion (PNI) in prostate biopsy core specimen
PathCorePNI_Diam	varchar	50	False	Maximum dimension (mm) of perineural invasion (PNI) in core
PathCoreHG_PIN	varchar	50	False	Presence of high grade prostate intraepithelial neoplasia (HG PIN) in core
PathCoreType	varchar	50	False	Type of biopsy core: directed, systematic, or finger-guided
PathCoreCapsule	varchar	50	False	Prostate capsule present in core
PathCoreFat	varchar	50	False	Periprostatic fat present in core
PathCoreASAP	varchar	50	False	Atypical small acinar proliferation (ASAP), focus of atypical glands
PathCoreAtrophy	varchar	50	False	Atrophy present in core
PathCoreStroma	varchar	50	False	Stroma present in core
EnteredBy	varchar	50	True	
EnteredTime	datetime	0	True	
UpdatedBy	varchar	50	False	
UpdatedTime	datetime	0	False	

ProstateBiopsyPath

Description: Pathology report for prostate needle biopsy or Trans-Urethral Resection of Prostate (TURP) specimen

Columns

Name	Type	Len	Required	Description
PathologyId	int	0	True	References PathologyId in Pathology table (Primary Key / Foreign Key)
PathPosCores	varchar	50	False	Number of positive biopsy cores
PathNumCores	varchar	50	False	Total number of biopsy cores
PathSystematic	varchar	50	False	Systematic/session biopsy: >= 6 cores
PathPosSites	varchar	50	False	Number of positive sites (locations) in prostate biopsy
PathNumSites	varchar	50	False	Total number of sites (locations) in prostate biopsy
PathGG1	varchar	50	False	Primary Gleason grade for positive biopsy
PathGG2	varchar	50	False	Secondary Gleason grade for positive biopsy
PathGG3	varchar	50	False	Tertiary Gleason grade for positive biopsy
PathGGS	varchar	50	False	Gleason Sum from positive biopsy
PathAtrophy	varchar	50	False	Presence of atrophy in biopsy specimen
PathProstatitis	varchar	50	False	Presence of prostatitis in biopsy specimen
PathASAP	varchar	50	False	Presence of atypical small acinar proliferation (ASAP), focus of atypia
PathPercCancer	varchar	50	False	Percentage of tissue (from cores: total cancer length / total core length) or chips (from TURP: pos chips / num chips) with cancer
PathMaxPercCancer	varchar	50	False	Maximum percent of cancer in any core
PathTotalCancerLength	varchar	50	False	Total length (mm) of cancer in biopsy cores
PathTotalCoreLength	varchar	50	False	Total length (mm) of cores in biopsy session
PathHG_PIN	varchar	50	False	Presence or grade of prostate intraepithelial neoplasia (PIN) in biopsy
PathPerineuralInv	varchar	50	False	Presence or maximum dimension (mm) of perineural invasion (PNI) in prostate biopsy specimens
PathExtension	varchar	50	False	Level of extra-capsular extension (ECE), extra-prostatic extension (EPE), prostate capsule invasion (PCI) found in prostate biopsy
PathGramsResected	varchar	50	False	Grams of tissue resected by TURP
PathPercTissueExamined	varchar	50	False	Percent of tissue examined from TURP
PathPosChips	varchar	50	False	Number of positive chips from TURP
PathNumChips	varchar	50	False	Total number of chips examined from TURP
PathNumFociCancer	varchar	50	False	Number of foci of cancer present in TURP chips
EnteredBy	varchar	50	True	User who entered this record
EnteredTime	datetime	0	True	Date and time this record was entered
UpdatedBy	varchar	50	False	User who last updated this record
UpdatedTime	datetime	0	False	Date and time this record was last updated

ProstatectomyPath

Description: Pathology report for prostatectomy specimen

Columns

Name	Type	Len	Required	Description
PathologyId	int	0	True	References SurgeryId in Surgeries table (Foreign Key)
PathGG1	varchar	50	False	Primary Gleason grade in prostatectomy specimen
PathGG2	varchar	50	False	Secondary Gleason grade in prostatectomy specimen
PathGG3	varchar	50	False	Tertiary Gleason grade for prostatectomy specimen
PathGGS	varchar	50	False	Gleason grade sum in prostatectomy specimen
PathPercCancer	varchar	50	False	Percent of cancer in prostatectomy specimen
PathHG_Volume	varchar	50	False	Volume (cc) of high grade cancer (Gleason 4-5) in prostatectomy specimen
PathPercHG_Cancer	varchar	50	False	Percent of high grade cancer (Gleason 4-5) in prostatectomy specimen
PathCancerMaxDim	varchar	50	False	Maximum dimension (cm) of cancer in prostatectomy specimen
PathCancerVolume	varchar	50	False	Volume (cc) of cancer in prostatectomy specimen (calculated from step sections)
PathProstateVolume	varchar	50	False	Volume (cc) of prostate (calculated from step sections)
PathWholeMount	varchar	50	False	Prostate specimen whole mounted and step sectioned
PathMargin	varchar	50	False	Surgical margin status of prostatectomy specimen
PathAddTissueMargin	varchar	50	False	Surgical margin status on complementary resection of prostatectomy specimen
PathExtension	varchar	50	False	Level of extra-capsular extension (ECE), extra-prostatic extension (EPE), prostate capsule invasion (PCI) in prostatectomy specimen
PathSV_Inv	varchar	50	False	Seminal vesical invasion / involvement
PathHG_PIN	varchar	50	False	Presence or grade of prostate intraepithelial neoplasia (PIN) in prostatectomy specimen
PathHG_PIN_Extent	varchar	50	False	Extent of prostate intraepithelial neoplasia (PIN) in prostatectomy specimen
PathPerineuralInv	varchar	50	False	Presence of perineural invasion (PNI) in prostatectomy specimen
PathPNI_Diam	varchar	50	False	Maximum dimension (mm) of perineural invasion (PNI) in prostate specimen
PathIntraductal	varchar	50	False	Presence of intraductal cancer in specimen
PathVascularInv	varchar	50	False	Presence of lymph-vascular invasion/involvement
PathBN_Inv	varchar	50	False	Cancer involves/invades bladder neck
PathMultifocal	varchar	50	False	Presence of multifocal tumor in prostatectomy specimen
EnteredBy	varchar	50	True	User who entered this record
EnteredTime	datetime	0	True	Date and time this record was entered
UpdatedBy	varchar	50	False	User who last updated this record
UpdatedTime	datetime	0	False	Date and time this record was last updated

ProstatectomyPathFinding

Description: Detailed pathology findings for prostatectomy specimen

Columns

Name	Type	Len	Required	Description
PathologyId	int	0	True	References PathologyId in Pathology table (Foreign Key)
ProstatectomyPathSectionId	int	0	False	References PathSectionId in ProstatectomyPathSections table (Foreign Key)
ProstatectomyPathFindingId	int	0	True	Unique identifier for ProstatectomyPathFinding table (Primary Key)
PathFindSection	varchar	50	False	References whole mount step section code for cranial-caudal location (level) from prostate
PathFindSide	varchar	50	False	Side of pathologic finding from prostatectomy specimen: left/right
PathFindLevel	varchar	50	False	Cranial-caudal location (level) of finding from prostatectomy specimen
PathFindAP	varchar	50	False	Anterior/posterior location of finding from prostatectomy specimen
PathFindLaterality	varchar	50	False	Laterality of prostatectomy specimen finding
PathFindZone	varchar	50	False	Anatomic location/zone (peripheral/transition) of finding from prostatectomy specimen
PathFindIndex	varchar	50	False	Index of finding from prostate (1 is for primary/dominant finding)
PathFindCancerMaxDim	varchar	50	False	Maximum dimension (cm) of cancer in prostatectomy specimen finding
PathFindCancerArea	varchar	50	False	Total area (cm) of cancer in finding
PathFindCancerVolume	varchar	50	False	Total volume (cc) of cancer in finding
PathFindMargin	varchar	50	False	Prostate margin status at specified location
PathFindAddTissueMargin	varchar	50	False	Prostate margin status at specified location after complementary resection, when additional tissue removed
PathFindExtension	varchar	50	False	Level of extra-capsular extension (ECE), extra-prostatic extension (EPE), prostate capsule invasion (PCI) in prostatectomy specimen
PathFindGG1	varchar	50	False	Primary Gleason grade in prostatectomy specimen
PathFindGG2	varchar	50	False	Secondary Gleason grade in prostatectomy specimen
PathFindGG3	varchar	50	False	
PathFindGGS	varchar	50	False	Gleason grade sum of finding
PathFindResult	varchar	50	False	Presence of cancer in finding
PathFindPerineuralInv	varchar	50	False	Presence of perineural invasion (PNI) in prostatectomy specimen
PathFindPNI_Diam	varchar	50	False	Maximum dimension (cm) of perineural invasion (PNI) in prostate specimen
PathFindVascularInv	varchar	50	False	Presence of lymphovascular invasion in surgery specimen
PathFindDominantTumor	varchar	50	False	
PathFindNotes	varchar	1000	False	Notes/comments about pathology findings
EnteredBy	varchar	50	True	User who entered this record
EnteredTime	datetime	0	True	Date and time this record was entered
UpdatedBy	varchar	50	False	User who last updated this record
UpdatedTime	datetime	0	False	Date and time this record was last updated

ProstatectomyPathSection

Description: Section pathology details from whole-mounted step-sectioned prostatectomy specimen

Columns

Name	Type	Len	Required	Description
PathologyId	int	0	True	References PathologyId in Pathology table (Foreign Key)
ProstatectomyPathSectionId	int	0	True	Unique identifier for ProstatectomyPathSection table (Primary Key)
PathSection	varchar	50	True	Whole mount step section code for cranial-caudal location (level) within prostate
PathSectionLevel	varchar	50	False	Cranial-caudal location (level) of section from prostatectomy specimen
PathSectionArea	varchar	50	False	Total area (cm) of prostate step section
PathSectionImg	varchar	255	False	Name of section image file
EnteredBy	varchar	50	True	User who entered this record
EnteredTime	datetime	0	True	Date and time this record was entered
UpdatedBy	varchar	50	False	User who last updated this record
UpdatedTime	datetime	0	False	Date and time this record was last updated

ProstatectomyProc

Description: Operative report for prostatectomy

Columns

Name	Type	Len	Required	Description
ProcedureId	int	0	True	References ProcedureId in Procedures table (Primary Key / Foreign Key)
ProcStageSystem	varchar	50	False	Stage system
ProcStageT	varchar	50	False	Intra-operative tumor stage
ProcBulldogClamps	varchar	50	False	Bulldog clamps
ProcBladderClosure	varchar	50	False	Bladder closure
ProcAccessVessels	varchar	50	False	Accessory vessels
ProcAV_Preserved	varchar	50	False	Accessory vessels preserved
ProcPuboprostatics	varchar	50	False	Puboprostatics
ProcR_AV_Site	varchar	50	False	Right accessory vessel site
ProcR_AV_Diam	varchar	50	False	Right accessory vessel diameter
ProcL_AV_Site	varchar	50	False	Left accessory vessel site
ProcL_AV_Diam	varchar	50	False	Left accessory vessel diameter
ProcR_DopplerStatus	varchar	50	False	Right Doppler probe status
ProcR_DopplerVA	varchar	50	False	Right visual assessment status
ProcL_DopplerStatus	varchar	50	False	Left Doppler probe status
ProcL_DopplerVA	varchar	50	False	Left visual assessment status
ProcL_NV_B_DissectionType	varchar	50	False	Left neurovascular bundle dissection type
ProcL_NV_B_Status	varchar	50	False	Status of left neurovascular bundle
ProcL_NV_B_Graft	varchar	50	False	Left neurovascular bundle grafted?
ProcL_NV_B_Donor	varchar	50	False	Donor site for left neurovascular bundle graft
ProcL_NV_B_Quality	varchar	50	False	Quality of left neurovascular bundle graft: 0-4+ (surgeon's judgement)
ProcR_NV_B_DissectionType	varchar	50	False	Right neurovascular bundle dissection type
ProcR_NV_B_Status	varchar	50	False	Status of right neurovascular bundle
ProcR_NV_B_Graft	varchar	50	False	Right neurovascular bundle grafted?
ProcR_NV_B_Donor	varchar	50	False	Donor site for right neurovascular bundle graft
ProcR_NV_B_Quality	varchar	50	False	Quality of right neurovascular bundle graft: 0-4+ (surgeon's judgement)
ProcAnastQuality	varchar	50	False	Vesicourethral anastomosis quality: 0-4+ (surgeon's judgement)
ProcAnastNumSutures	varchar	50	False	Number of sutures for vesicourethral anastomosis
ProcAnastSuturePattern	varchar	50	False	Suture pattern for vesicourethral anastomosis
ProcAnastSutureNotes	varchar	255	False	Suture notes for vesicourethral anastomosis
ProcAnastWatertight	varchar	50	False	Anastomosis confirmed to not leak water
ProcBN_Diam	varchar	50	False	Diameter (cm) of bladder neck
ProcBN_DegreeEversion	varchar	50	False	Bladder neck degree of eversion
ProcSuspVeinComplex	varchar	50	False	Suspended venous complex
ProcL_Drain	varchar	50	False	Type of drain used on the left side
ProcR_Drain	varchar	50	False	Type of drain used on the right side
ProcAnteriorDrain	varchar	50	False	Anterior drain
ProcPosteriorDrain	varchar	50	False	Posterior drain
ProcCathTraction	varchar	50	False	Catheter on traction
ProcCathTractionDuration	varchar	50	False	Duration catheter on traction
ProcSV_DissectFirst	varchar	50	False	Seminal vessicle dissection first
ProcPeriprostaticVeins	varchar	50	False	Size of Periprostatic Veins
ProcBladderNeckPreservation	varchar	50	False	Extent one bladder neck preservation
ProcUrethralStumpScore	varchar	50	False	Urachal stump score
ProcPelvisAccessibility	varchar	50	False	PelvisAccessibility

ProcSkinIncisionLength	varchar	50	False	Length of skin incisions
ProcFascialIncisionLength	varchar	50	False	Length of fascial incision (cm)
ProcMedianLobe	varchar	50	False	Size of median lobe
ProcUrachalSparing	varchar	50	False	Urachal sparing performed
ProcNumSize5Ports	varchar	50	False	Number of ports that are 5mm in length
ProcNumSize8Ports	varchar	50	False	Number of ports that are 8mm in length
ProcNumSize10Ports	varchar	50	False	Number of ports that are 10mm in length
ProcNumSize12Ports	varchar	50	False	Number of ports that are 12mm in length
ProcMethodOfEntry	varchar	50	False	Method of entry for laparoscopic procedures
ProcSkinClosure	varchar	50	False	Approach used to close the surgical wound
ProcFascialClosureMethod	varchar	50	False	Method used for closing the fascia
ProcClosureMaterialsUsed	varchar	50	False	
ProcSV_Excision	varchar	50	False	
ProcL_SV_Excision	varchar	50	False	
ProcR_SV_Excision	varchar	50	False	
ProcHypogastric	varchar	50	False	
ProcPneumoperPressure	varchar	50	False	
ProcFoleyPlacement	varchar	50	False	
ProcBladderNeckReconstructio n	varchar	50	False	
EnteredBy	varchar	50	True	
EnteredTime	datetime	0	True	Date and time this record was entered
UpdatedBy	varchar	50	False	User who last updated this record
UpdatedTime	datetime	0	False	Date and time this record was last updated

ProstatectomyProcFinding

Description: Detailed findings from intra-operative prostate physical exam

Columns

Name	Type	Len	Required	Description
ProcedureId	int	0	True	References ProcedureId in Procedures table (Foreign Key)
ProstatectomyProcFindingId	int	0	True	Unique identifier for ProstatectomyProcFinding table (Primary Key)
ProcFindSide	varchar	50	False	Side of intraoperative exam finding within prostate: left/right
ProcFindLevel	varchar	50	False	Cranial-caudal location (level) of intraoperative exam finding within prostate
ProcFindAP	varchar	50	False	Anterior/posterior location of finding within prostate
ProcFindLaterality	varchar	50	False	Laterality of intraoperative exam finding within prostate
ProcFindMargin	varchar	50	False	Prostate margin status at specified location by surgeon's assessment
ProcFindExtension	varchar	50	False	Level of extra-capsular extension (ECE), extra-prostatic extension (EPE), prostate capsule invasion (PCI) palpable intraoperatively
ProcFindCancer	varchar	50	False	Probability of cancer by prostate intraoperative exam
ProcFindFrozen	varchar	50	False	Frozen section performed at specified location
ProcFindAddTissue	varchar	50	False	Additional tissue removed
EnteredBy	varchar	50	True	User who entered this record
EnteredTime	datetime	0	True	Date and time this record was entered
UpdatedBy	varchar	50	False	User who last updated this record
UpdatedTime	datetime	0	False	Date and time this record was last updated

ProtocolMgr_ItemTimeline

Description: Protocol visits that occur at a specific timeframe

Columns

Name	Type	Len	Required	Description
ItemTimelineId	int	0	True	Unique identifier for ProtocolMgr_SchemaItems table (Primary Key)
TimelineId	int	0	True	References TimelineId from ProtocolMgr_Timeline table (Foreign Key)
SchemaItemId	int	0	True	References SchemaItemId in ProtocolMgr_SchemaItems table (Foreign Key)
EnteredBy	varchar	50	True	
EnteredTime	datetime	0	True	
UpdatedBy	varchar	50	False	
UpdatedTime	datetime	0	False	

ProtocolMgr_PatientItemFields

Description: Data elements that need to be captured for a specific event and visit

Columns

Name	Type	Len	Required	Description
PatientItemFieldId	int	0	True	Unique identifier for ProtocolMgr_PatientItemFields table (Primary Key)
PatientItemId	int	0	True	References PatientItemId in ProtocolMgr_PatientItems table (Foreign Key)
SchemaItemFieldId	int	0	True	References SchemaItemFieldId in ProtocolMgr_SchemaItemFields table (Foreign Key)
DestTablePrimKey	int	0	False	Destination table primary key
EnteredBy	varchar	50	True	
EnteredTime	datetime	0	True	
UpdatedBy	varchar	50	False	
UpdatedTime	datetime	0	False	

ProtocolMgr_PatientDeviations

Description:

Columns

Name	Type	Len	Required	Description
PatientDeviationId	int	0	True	
PatientItemId	int	0	True	
DeviationType	varchar	50	True	
DeviationDescription	varchar	255	False	
DeviationReason	varchar	255	False	
DeviationScheduleChange	varchar	50	False	
DeviationDateReportedIRB	datetime	0	False	
DeviationDateReportedSponsor	datetime	0	False	
DeviationDateReportedFDA	datetime	0	False	
DeviationNotes	varchar	1000	False	
EnteredBy	varchar	50	True	
EnteredTime	datetime	0	True	
UpdatedBy	varchar	50	False	
UpdatedTime	datetime	0	False	

ProtocolMgr_PatientResponse

Description:

Columns

Name	Type	Len	Required	Description
PatientResponseId	int	0	True	
PatientProtocolId	int	0	True	
ResponseDateText	varchar	50	False	
ResponseDate	datetime	0	False	
ResponseType	varchar	50	False	
ResponseCriteria	varchar	50	False	
Response	varchar	50	False	
ResponseNotes	varchar	1000	False	
EnteredBy	varchar	50	True	
EnteredTime	datetime	0	True	
UpdatedBy	varchar	50	False	
UpdatedTime	datetime	0	False	
LockedBy	varchar	50	False	
LockedTime	datetime	0	False	

ProtocolMgr_PatientItems

Description: Records that need to be entered at a specific event

Columns

Name	Type	Len	Required	Description
PatientItemId	int	0	True	Unique identifier for ProtocolMgr_PatientItems table (Primary Key)
ItemTimelineId	int	0	False	Reference ItemTimelineId in ProtocolMgr_ItemTimeline table (Foreign Key)
PatientSchemaId	int	0	True	References PatientSchemaId in ProtocolMgr_PatientSchemas table (Foreign Key)
ScheduledDate	datetime	0	False	Scheduled date
FirstAnticipatedDate	datetime	0	False	First anticipated date
LastAnticipatedDate	datetime	0	False	Last anticipated date
Status	varchar	50	False	
EnteredBy	varchar	50	True	
EnteredTime	datetime	0	True	
UpdatedBy	varchar	50	False	
UpdatedTime	datetime	0	False	

ProtocolMgr_PatientSchemas

Description: A list of all required data events or reminders for a specific patient

Columns

Name	Type	Len	Required	Description
PatientSchemaId	int	0	True	Unique Identifier for ProtocolMgr_PatientSchemas table (Primary Key)
ProtocolSchemaId	int	0	True	References ProtocolSchemaId in ProtocolMgr_ProtocolSchemas table (Foreign Key)
PatientId	int	0	True	
StartDate	datetime	0	False	Start date
ShiftDate	datetime	0	False	Shift
ShiftNumberOfDays	int	0	False	Shift number of days
EnteredBy	varchar	50	True	
EnteredTime	datetime	0	True	
UpdatedBy	varchar	50	False	
UpdatedTime	datetime	0	False	

ProtocolMgr_ProtocolSchemas

Description: A list of all required data events or reminders for a specific protocol

Columns

Name	Type	Len	Required	Description
ProtocolSchemaId	int	0	True	Unique identifier for ProtocolMgr_ProtocolSchemas table (Primary Key)
ProtocolVersionId	int	0	True	References ProtocolVersionId in ProtocolMgr_ProtocolVersions table (Foreign Key)
ProtocolArmNumber	varchar	50	False	Arm number
ProtocolArmActive	bit	0	False	
ProtocolArmMaxAccrual	int	0	False	
ProtocolArmDescription	varchar	500	False	Arm description
EnteredBy	varchar	50	True	
EnteredTime	datetime	0	True	
UpdatedBy	varchar	50	False	
UpdatedTime	datetime	0	False	

ProtocolMgr_ProtocolVersions

Description: Ammendment version for a clinical trial as it relates to a protcol schema

Columns

Name	Type	Len	Required	Description
ProtocolVersionId	int	0	True	Unique identifier for ProtocolMgr_ProtocolVersions table (Primary Key)
ProtocolId	int	0	True	
MetadataSurveyId	int	0	False	
VersionNumber	varchar	50	False	Protocol version number
ApprovalDate	datetime	0	False	
VersionReason	varchar	1000	False	
EnteredBy	varchar	50	True	
EnteredTime	datetime	0	True	
UpdatedBy	varchar	50	False	
UpdatedTime	datetime	0	False	

ProtocolMgr_SchemaItemFields

Description: The data elements to collect for a specific record type

Columns

Name	Type	Len	Required	Description
SchemaItemFieldId	int	0	True	Unique identifier for ProtocolMgr_SchemaItemFields table (Primary Key)
SchemaItemId	int	0	True	References SchemaItemId in ProtocolMgr_SchemaItems table (Foreign Key)
DestTable	varchar	50	False	Destination table
DestField	varchar	50	False	Destination field
DestValue	varchar	1000	False	Destination value
DisplayOrder	int	0	False	Display order
FieldRowIndex	int	0	False	
EnteredBy	varchar	50	True	
EnteredTime	datetime	0	True	
UpdatedBy	varchar	50	False	
UpdatedTime	datetime	0	False	

ProtocolMgr_SchemaItems

Description: A list of all required data events for a protocol schema

Columns

Name	Type	Len	Required	Description
SchemaItemId	int	0	True	Unique identifier for ProtocolMgr_SchemaItems table (Primary Key)
ProtocolSchemaId	int	0	True	References ProtocolSchemaId in ProtocolMgr_ProtocolSchemas table (Foreign Key)
ItemIsTemplate	bit	0	False	
ItemDescription	varchar	255	False	Schema item description
EnteredBy	varchar	50	True	
EnteredTime	datetime	0	True	
UpdatedBy	varchar	50	False	
UpdatedTime	datetime	0	False	

ProtocolMgr_Timeline

Description: The timeline of events for a specific clinical trial

Columns

Name	Type	Len	Required	Description
TimelineId	int	0	True	Unique identifier for ProtocolMgr_Timeline table (Primary Key)
ProtocolSchemaId	int	0	True	References ProtocolSchemaId in ProtocolMgr_ProtocolSchemas table (Foreign Key)
DisplayColumnPosition	int	0	False	Display column position
DisplayUnitName	varchar	50	False	Display unit name
NumberOfUnits	int	0	False	Number of units
VisitLabel	varchar	50	False	
ItemIntervalType	varchar	50	False	
PreStudySchemaItem	bit	0	False	
BufferUnitName	varchar	50	False	Buffer unit name
BufferNumberOfUnitsPlus	int	0	False	Buffer positive number of units
BufferNumberOfUnitsMinus	int	0	False	Buffer negative number of units
EnteredBy	varchar	50	True	
EnteredTime	datetime	0	True	
UpdatedBy	varchar	50	False	
UpdatedTime	datetime	0	False	

Protocols

Description: Protocol information including title and number

Columns

Name	Type	Len	Required	Description
ProtocolId	int	0	True	Unique Identifier for Protocols Table (Primary Key)
ProjectId	int	0	False	
ProtocolNum	varchar	50	False	Protocol number from insitutional review board
ProtocolTitle	varchar	1000	False	Protocol title from institutional review board
ProtocolAlias	varchar	50	False	Alias
ProtocolPI	varchar	100	False	Protocol Principal Investigator
ProtocolDept	varchar	50	False	Department
ProtocolNotes	varchar	1000	False	Notes/comments about protocol record
EnteredBy	varchar	50	True	User who entered this record
EnteredTime	datetime	0	True	Date and time this record was entered
UpdatedBy	varchar	50	False	User who last updated this record
UpdatedTime	datetime	0	False	Date and time this record was last updated
LockedBy	varchar	50	False	User who locked this record
LockedTime	datetime	0	False	Date and time this record was locked

QOL_Therapy

Description: Quality of Life Treatments including Viagra, MUSE, and others

Columns

Name	Type	Len	Required	Description
PatientId	int	0	True	References PatientID in Patients table (Foreign Key)
QOL_TherapyId	int	0	True	Unique Identifier for QOL_Therapy table (Primary Key)
QOL_TxDateText	varchar	50	False	"Fuzzy" date of quality of life therapy
QOL_TxDate	datetime	0	False	Computer interpreted quality of life therapy date
QOL_TxIndication	varchar	50	True	Type of Treatment/Symptom: INC,IMP
QOL_Therapy	varchar	50	False	Treatment for quality of life symptom
QOL_TxStopDateText	varchar	50	False	"Fuzzy" stop date of quality of life therapy
QOL_TxStopDate	datetime	0	False	Computer interpreted quality of life therapy stop date
QOL_TxNotes	varchar	1000	False	Notes/comments about quality of life therapy
QOL_TxDataSource	varchar	100	False	Data source: encounter note, data form
QOL_TxQuality	varchar	50	False	Data quality for quality of life therapy record
EnteredBy	varchar	50	True	User who entered this record
EnteredTime	datetime	0	True	Date and time this record was entered
UpdatedBy	varchar	50	False	User who last updated this record
UpdatedTime	datetime	0	False	Date and time this record was last updated
LockedBy	varchar	50	False	User who locked this record
LockedTime	datetime	0	False	Date and time this record was locked

RPLND_Proc

Description: Operative report for retro-peritoneal lymph node dissection (RPLND)

Columns

Name	Type	Len	Required	Description
ProcedureId	int	0	True	References ProcedureId in Procedures table (Primary Key / Foreign Key)
ProcIncisionType	varchar	50	False	Incision type for retroperitoneal lymph node dissection (RPLND)
ProcDissectionExtent	varchar	50	False	Extent of lymph node dissection
ProcNerveSparing	varchar	50	False	Nerve sparing retroperitoneal lymph node dissection performed?
ProcDesperation	varchar	50	False	Desperation procedure
ProcNumber	varchar	50	False	Number of the pelvic lymph node dissection
EnteredBy	varchar	50	True	User who entered this record
EnteredTime	datetime	0	True	Date and time this record was entered
UpdatedBy	varchar	50	False	User who last updated this record
UpdatedTime	datetime	0	False	Date and time this record was last updated

RadiationTherapy

Description: External beam radiation details

Columns

Name	Type	Len	Required	Description
PatientId	int	0	True	
RadiationTherapyId	int	0	True	
RadTxPending	bit	0	False	Pending/scheduled radiation therapy
RadTxDateText	varchar	50	False	"Fuzzy" start date of radiation therapy
RadTxDate	datetime	0	False	Computer interpreted radiation therapy start date
RadTxType	varchar	50	True	External Beam (XRT) or Brachytherapy (BRACHY)
RadTxDisease	varchar	50	False	Disease being treated
RadTxIndication	varchar	50	False	Indication for radiation therapy
RadTxIntent	varchar	50	False	Intended goal of this radiation therapy
RadTxTarget	varchar	50	False	Radiation Target: Prostate, Pelvis, Seminal Vesicles
RadTxStopDateText	varchar	50	False	"Fuzzy" stop date for radiation therapy
RadTxStopDate	datetime	0	False	Computer interpreted radiation therapy stop date
RadTxIsotope	varchar	50	False	Isotope for Brachytherapy or Intravenous Radiotherapy
RadTxDosePerFraction	varchar	50	False	Radiation dose per fraction (cGy)
RadTxTotalDose	varchar	50	False	Radiation dose (cGy)
RadTxUnits	varchar	50	False	Units of radiation dose per fraction and total dose
RadTxNumFractions	varchar	50	False	Number of fractions of radiation delivered
RadTxNumFields	varchar	50	False	Number of fields of radiation delivered
RadTxSchedule	varchar	50	False	Radiation therapy schedule
RadTxPhysician	varchar	50	False	Radiation oncologist who administered radiation therapy
RadTxInstitution	varchar	100	False	Institution where radiation therapy was administered
RadTxNotes	varchar	1000	False	Notes/comments about radiation therapy
RadTxDataSource	varchar	100	False	Data source: radiation oncology note, encounter note, data form
RadTxQuality	varchar	50	False	Data quality for radiation therapy record
EnteredBy	varchar	50	True	
EnteredTime	datetime	0	True	
UpdatedBy	varchar	50	False	
UpdatedTime	datetime	0	False	
LockedBy	varchar	50	False	
LockedTime	datetime	0	False	

RadTxAdministration

Description: A complete list of all radiation treatment events

Columns

Name	Type	Len	Required	Description
RadiationTherapyId	int	0	True	
RadTxAdministrationId	int	0	True	
RadTxAdminPending	bit	0	False	Pending / scheduled treatment
RadTxAdminStartDateText	varchar	50	False	"Fuzzy" start date of treatment
RadTxAdminStartDate	datetime	0	False	Computer interpreted treatment start date
RadTxAdminStopDateText	varchar	50	False	"Fuzzy" stop date of treatment
RadTxAdminStopDate	datetime	0	False	Computer interpreted treatment stop date
RadTxAdminType	varchar	50	False	External Beam (XRT) or Brachytherapy (BRACHY)
RadTxAdminTarget	varchar	50	False	Target of radiation therapy
RadTxAdminDosePerFraction	varchar	50	False	Radiation dose per fraction (cGy)
RadTxAdminTotalDose	varchar	50	False	Radiation dose (cGy)
RadTxAdminUnits	varchar	50	False	Units of radiation dose per fraction and total dose
RadTxAdminIsotope	varchar	50	False	Isotope for Brachytherapy or Intravenous Radiotherapy
RadTxAdminNumFractions	varchar	50	False	Number of fractions of radiation delivered
RadTxAdminNumFields	varchar	50	False	Number of fields of radiation delivered
RadTxAdminSchedule	varchar	50	False	Radiation therapy schedule
RadTxAdminBy	varchar	50	False	Radiation oncologist who administered radiation therapy
RadTxAdminInstitution	varchar	50	False	Institution where radiation therapy was administered
RadTxAdminIndication	varchar	50	False	Indication for radiation therapy
RadTxAdminIntent	varchar	50	False	Intended goal of this radiation therapy
RadTxAdminNotes	varchar	1000	False	Notes/comments about radiation therapy
EnteredBy	varchar	50	True	
EnteredTime	datetime	0	True	
UpdatedBy	varchar	50	False	
UpdatedTime	datetime	0	False	

RelatedRecords

Description:

Columns

Name	Type	Len	Required	Description
RelatedRecordId	int	0	True	
DestTableName	varchar	50	True	
DestPrimaryKey	int	0	True	
SrcTableName	varchar	50	True	
SrcPrimaryKey	int	0	False	
SrcPrimaryKeyText	varchar	50	False	
SrcSecPrimaryKey	int	0	False	
SrcSecPrimaryKeyText	varchar	50	False	
SrcSystem	varchar	50	True	
RelationStrength	int	0	False	
EnteredBy	varchar	50	True	
EnteredTime	datetime	0	True	
UpdatedBy	varchar	50	False	
UpdatedTime	datetime	0	False	

RolePermissions

Description: Permissions associated with job activities

Columns

Name	Type	Len	Required	Description
RoleId	int	0	True	References RoleId in Roles table (Foreign Key)
PermissionId	int	0	True	References PermissionId in Permissions table (Foreign Key)
RolePermissionId	int	0	True	
EnteredBy	varchar	50	True	
EnteredTime	datetime	0	True	Date and time this record was entered
UpdatedBy	varchar	50	False	
UpdatedTime	datetime	0	False	Date and time this record was last updated
DeactivatedTime	datetime	0	False	Date and time role permission deactivated?

Roles

Description: Types of job activities used for assigning permissions

Columns

Name	Type	Len	Required	Description
RoleId	int	0	True	Unique identifier for Roles table (Primary Key)
Role	varchar	50	True	Short name for role
RoleDescription	varchar	255	True	Long description for role
EnteredBy	varchar	50	True	
EnteredTime	datetime	0	True	Date and time this record was entered
UpdatedBy	varchar	50	False	
UpdatedTime	datetime	0	False	Date and time this record was last updated
DeactivatedTime	datetime	0	False	Date and time Role deactivated

Seeds

Description: Brachytherapy seed information

Columns

Name	Type	Len	Required	Description
SeedId	int	0	True	Unique identifier for Seeds table (Primary Key)
SeedShipmentNum	int	0	False	Seed shipment number
SeedPackageNum	int	0	False	Seed shipment package number
SeedVialNum	int	0	False	Seed shipment vial number
SeedCertificationNum	varchar	50	False	Seed certification number
SeedLotNum	varchar	50	False	Seed shipment lot number
SeedDeliveryDateText	varchar	50	False	"Fuzzy" date of seed delivery
SeedDeliveryDate	datetime	0	False	Computer interpreted seed delivery date
SeedReceivedBy	varchar	50	False	Seed shipment received by this user
SeedIsotope	varchar	50	False	Seed shipment isotope
SeedNumReceived	varchar	50	False	Number of seeds received in vial
SeedAssayDateText	varchar	50	False	"Fuzzy" date of seed assay
SeedAssayDate	datetime	0	False	Computer interpreted seed assay date
SeedAssayActivity	varchar	50	False	Seed activity at time of assay
SeedActivityMin	varchar	50	False	Minimum seed activity (cGy)
SeedActivityMax	varchar	50	False	Maximum seed activity (cGy)
SeedCurrentActivity	varchar	50	False	Current seed activity (cGy)
SeedNum	varchar	50	False	Number of seeds currently in vial
SeedDisposed	bit	0	False	Seed disposed
SeedRestockedDateText	varchar	50	False	"Fuzzy" date seeds restocked
SeedRestockedDate	datetime	0	False	Computer interpreted seeds restocked date
EnteredBy	varchar	50	True	User who entered this record
EnteredTime	datetime	0	True	Date and time this record was entered
UpdatedBy	varchar	50	False	User who last updated this record
UpdateTime	datetime	0	False	Date and time this record was last updated

SeedsAssigned

Description: Brachytherapy seeds assigned to a patients

Columns

Name	Type	Len	Required	Description
PatientId	int	0	True	References PatientID in Patients table (Foreign Key)
SeedId	int	0	True	References SeedId in Seeds table (Foreign Key)
SeedsAssignedId	int	0	True	Unique identifier for SeedsAssigned table (Primary Key)
SeedImplantActivity	varchar	50	False	Radioation activity of seeds at time of brachytherapy implant
SeedNum	varchar	50	False	Number of seeds assigned to patient
EnteredBy	varchar	50	True	User who entered this record
EnteredTime	datetime	0	True	Date and time this record was entered
UpdatedBy	varchar	50	False	User who last updated this record
UpdatedTime	datetime	0	False	Date and time this record was last updated

SeedsAssignedLog

Description: Accounting of the seeds assigned to a patient

Columns

Name	Type	Len	Required	Description
SeedId	int	0	True	References SeedId in Seeds table (Foreign Key)
SeedsAssignedId	int	0	False	References SeedsAssignedId in SeedsAssigned table (Foreign Key)
PatientId	int	0	False	References PatientID in Patients table (Foreign Key)
SeedsAssignedLogId	int	0	True	Unique identifier for SeedsAssignedLog table (Primary Key)
LoggedOperation	varchar	50	False	Date and time this record was logged
LoggedBy	varchar	50	False	User who logged this record
LoggedTime	datetime	0	False	Date and time seeds assigned record logged
SeedNum	varchar	50	False	Number of seeds assigned to patient
EnteredBy	varchar	50	True	User who entered this record
EnteredTime	datetime	0	True	Date and time this record was entered
UpdatedBy	varchar	50	False	User who last updated this record
UpdatedTime	datetime	0	False	Date and time this record was last updated

SeriousAdverseEvents

Description: Any unexpected serious toxicity occurring as a result of a specific treatment

Columns

Name	Type	Len	Required	Description
ToxicityId	int	0	True	
ContactId	int	0	False	
SAE_Age	varchar	50	False	Patient age when the SAE occurred
SAE_AttributedOutcome	varchar	50	False	Outcomes attributed to the SAE
SAE_ReportDateText	varchar	50	False	Date of this SAE report
SAE_ReportDate	datetime	0	False	
SAE_EventDescription	varchar	1000	False	Describe this event or problem
SAE_RelevantTestData	varchar	50	False	Any relevant test data that may be helpful in analyzing this event
SAE_OtherRelevantHistory	varchar	1000	False	Other relevant history or pre-existing medical conditions
SAE_ConcomitantMeds	varchar	1000	False	Concomitant medications taken at the time of this event
SAE_NDC_Number	varchar	50	False	Unique drug identifier for the study drug
SAE_EventAbated1	varchar	50	False	Event abated after use stopped or reduced
SAE_EventAbated2	varchar	50	False	Event abated after use stopped or reduced again
SAE_EventReappeared1	varchar	50	False	Event reappeared after the first reintroduction
SAE_EventReappeared2	varchar	50	False	Event reappeared after the secondreintroduction
SAE_ReportingIndividual	varchar	50	False	The primary person responsible for reporting the event
SAE_ReportFDA_DateText	varchar	50	False	Date this report was submitted to the FDA
SAE_ReportFDA_Date	datetime	0	False	
SAE_ReportFDA_Status	varchar	50	False	Status of the report for the FDA
SAE_Sequelae	varchar	1000	False	Medical conditions resulting from this SAE
SAE_ReportedToIRB	varchar	50	False	Check if this event was reported to your local IRB
SAE_Notes	varchar	1000	False	Comments related to this record
EnteredBy	varchar	50	True	
EnteredTime	datetime	0	True	
UpdatedBy	varchar	50	False	
UpdatedTime	datetime	0	False	

SocialHistories

Description: Information on a patient social history including smoking and drinking history

Columns

Name	Type	Len	Required	Description
PatientId	int	0	True	References PatientID in Patients table (Foreign Key)
SocHxOccupation	varchar	50	False	Patient's occupation
SocHxMaritalStatus	varchar	50	False	Patient's marital status
SocHxChildren	varchar	50	False	Patient's number of children
SocHxTobaccoType	varchar	50	False	Type of tobacco: cigarettes, cigars, pipe
SocHxTobaccoPacksPerDay	varchar	50	False	Number of packs of tobacco used per day
SocHxTobaccoPacksPerYear	varchar	50	False	Number of packs of tobacco used per year
SocHxTobaccoYears	varchar	50	False	Number of years tobacco used
SocHxTobaccoQuitYear	varchar	50	False	Year that patient quit using tobacco
SocHxCarcinogen	varchar	50	False	Patient's exposure to other carcinogen
SocHxAlcohol	varchar	50	False	Patient's alcohol consumption (Social, Regular, Amount: 2-3 drinks per day)
SocHxAlcoholDrinksPerDay	varchar	50	False	
SocHxAlcoholYears	varchar	50	False	
SocHxAlcoholQuitYear	varchar	50	False	
SocHxOther	varchar	255	False	Other relevant patient social history
SocHxMenarcheAge	varchar	50	False	Age when the patient began Menarche
SocHxMenopauseAge	varchar	50	False	Age when the patient began Menopause
SocHxGravida	varchar	50	False	Total number of times a woman was pregnant
SocHxParity	varchar	50	False	Total number of times a woman gave birth
SocHxFirstBirthAge	varchar	50	False	Age of the woman when she first gave birth
SocHxNotes	varchar	1000	False	Notes/comments about social history record
SocHxDataSource	varchar	100	False	Data source: encounter note, data form, patient
SocHxQuality	varchar	50	False	Data quality for social history record
EnteredBy	varchar	50	True	User who entered this record
EnteredTime	datetime	0	True	Date and time this record was entered
UpdatedBy	varchar	50	False	User who last updated this record
UpdatedTime	datetime	0	False	Date and time this record was last updated
LockedBy	varchar	50	False	User who locked this record
LockedTime	datetime	0	False	Date and time this record was locked

Specimen_SpecimenCollections

Description:

Columns

Name	Type	Len	Required	Description
SpecimenId	int	0	True	
CollectionId	int	0	True	
SpecimenCollectionId	int	0	True	
EnteredBy	varchar	50	True	
EnteredTime	datetime	0	True	
UpdatedBy	varchar	50	False	
UpdatedTime	datetime	0	False	
LockedBy	varchar	50	False	
LockedTime	datetime	0	False	

SpecimenAccessions

Description: A summary of conditions present at the time of a specimen collection

Columns

Name	Type	Len	Required	Description
SpecimenAccessionId	int	0	True	
PatientId	int	0	False	
PathologyReferenceNumber	varchar	50	False	Accession Number or other pathology reference number
AccessionProcName	varchar	50	False	
AccessionDateText	varchar	20	False	Date on which specimens were received
AccessionDate	datetime	0	False	
AccessionInstitution	varchar	50	False	Institution by which accession is carried out
AccessionDepartment	varchar	50	False	Department by which accession is carried out
AccessionTime	varchar	10	False	Time of day at which specimens were received
PathologyLab	varchar	50	False	
DateBanked	datetime	0	False	Date on which specimens were banked
TimeReceivedInLab	varchar	10	False	
TimeFrozen	varchar	10	False	Time of day at which specimens were banked
HoldingCondition	varchar	20	False	Condition in which specimen was received
NumberTubesEDTA	varchar	10	False	Number of EDTA tubes used to store blood samples
NumberTubesClotted	varchar	10	False	
NumberTubesGel	varchar	10	False	
NumberTubesOther	varchar	10	False	
NumberTubesOtherType	varchar	10	False	
AccessionNotes	varchar	1000	False	
EnteredBy	varchar	50	True	
EnteredTime	datetime	0	True	
UpdatedBy	varchar	50	False	
UpdatedTime	datetime	0	False	
LockedBy	varchar	50	False	
LockedTime	datetime	0	False	

SpecimenBoxes

Description:

Columns

Name	Type	Len	Required	Description
ContainerId	int	0	False	
BoxId	int	0	True	
BoxName	varchar	50	False	
BoxType	varchar	50	False	
BoxStatus	varchar	50	False	
NoOfColumns	int	0	False	
NoOfRows	int	0	False	
MaxPositionNo	int	0	False	
CurPositionNo	int	0	False	
EnteredBy	varchar	50	True	
EnteredTime	datetime	0	True	
UpdatedBy	varchar	50	False	
UpdatedTime	datetime	0	False	
LockedBy	varchar	50	False	
LockedTime	datetime	0	False	

SpecimenCollections

Description:

Columns

Name	Type	Len	Required	Description
CollectionId	int	0	True	
SpecimenRequestId	int	0	False	
CollectionName	varchar	50	False	
CollectionProjectCode	varchar	50	False	
CollectionType	varchar	50	False	
CollectionPurpose	varchar	50	False	
CollectionStatus	varchar	50	False	
CollectionAssignDate	datetime	0	False	
CollectionAssignNotes	varchar	1000	False	
ContactId	int	0	False	
EnteredBy	varchar	50	True	
EnteredTime	datetime	0	True	
UpdatedBy	varchar	50	False	
UpdatedTime	datetime	0	False	
LockedBy	varchar	50	False	
LockedTime	datetime	0	False	

SpecimenContainers

Description:

Columns

Name	Type	Len	Required	Description
StorageId	int	0	False	
ContainerId	int	0	True	
ContainerName	varchar	50	False	
ContainerType	varchar	10	False	
ContainerStatus	varchar	10	False	
MaxBoxNo	int	0	False	
CurBoxNo	int	0	False	
EnteredBy	varchar	50	True	
EnteredTime	datetime	0	True	
UpdatedBy	varchar	50	False	
UpdateTime	datetime	0	False	
LockedBy	varchar	50	False	
LockedTime	datetime	0	False	

SpecimenDistributions

Description:

Columns

Name	Type	Len	Required	Description
DistributionId	int	0	True	
SpecimenRequestId	int	0	True	
DispatchedBy	varchar	50	False	
DispatchedDate	datetime	0	False	
DispatchedTime	varchar	50	False	
DispatchedInstitution	varchar	50	False	
DispatchedContact	varchar	50	False	
DispatchedContainer	varchar	50	False	
DispatchedLoggerNumber	varchar	100	False	
DispatchedMethod	varchar	100	False	
DispatchedTrackingNumber	varchar	100	False	
DispatchedNotes	varchar	1000	False	
ReceivedDate	datetime	0	False	
ReceivedTime	varchar	50	False	
ReceivedInstitution	varchar	50	False	
ReceivedContact	varchar	50	False	
ReceivedIntegrity	varchar	50	False	
ReceivedNotes	varchar	1000	False	
EnteredBy	varchar	50	True	
EnteredTime	datetime	0	True	
UpdatedBy	varchar	50	False	
UpdatedTime	datetime	0	False	
LockedBy	varchar	50	False	
LockedTime	datetime	0	False	

SpecimenEvents

Description:

Columns

Name	Type	Len	Required	Description
SpecimenId	int	0	True	
ContactId	int	0	False	
SpecimenEventId	int	0	True	
EventPending	bit	0	False	
EventDateText	varchar	50	False	
EventDate	datetime	0	False	
EventTime	varchar	10	False	
EventType	varchar	255	False	
EventSubType	varchar	255	False	
EventAnalyte	varchar	50	False	
EventExtReference	varchar	255	False	
EventResult	varchar	255	False	
QuantityUsed	varchar	50	False	
QuantityUnits	varchar	50	False	
ProcessedBy	varchar	50	False	
EventNotes	varchar	4000	False	
EnteredBy	varchar	50	True	
EnteredTime	datetime	0	True	
UpdatedBy	varchar	50	False	
UpdatedTime	datetime	0	False	
LockedBy	varchar	50	False	
LockedTime	datetime	0	False	

SpecimenPositions

Description:

Columns

Name	Type	Len	Required	Description
BoxId	int	0	True	
PositionId	int	0	True	
Position	varchar	50	False	
PositionStatus	varchar	50	True	
EnteredBy	varchar	50	True	
EnteredTime	datetime	0	True	
UpdatedBy	varchar	50	False	
UpdatedTime	datetime	0	False	
LockedBy	varchar	50	False	
LockedTime	datetime	0	False	

SpecimenRequests

Description:

Columns

Name	Type	Len	Required	Description
SpecimenRequestId	int	0	True	
RequestIdentifier	varchar	50	False	
RequestDate	datetime	0	False	
RequestType	varchar	50	False	
RequestGenInstitution	varchar	50	False	
RequestGenContactName	varchar	50	False	
RequestRecInstitution	varchar	50	False	
RequestRecContactName	varchar	50	False	
RequestRecContactInfo	varchar	50	False	
RequestProject	varchar	50	False	
RequestStatus	varchar	50	False	
RequestNotes	varchar	1000	False	
EnteredBy	varchar	50	True	
EnteredTime	datetime	0	True	
UpdatedBy	varchar	50	False	
UpdatedTime	datetime	0	False	
LockedBy	varchar	50	False	
LockedTime	datetime	0	False	

SpecimenSites

Description:

Columns

Name	Type	Len	Required	Description
SiteId	int	0	True	
SiteName	varchar	50	False	
SiteAddress1	varchar	100	False	
SiteAddress2	varchar	100	False	
SiteCity	varchar	50	False	
SiteState	varchar	50	False	
SitePostalCode	varchar	20	False	
SiteNotes	varchar	1000	False	
EnteredBy	varchar	50	True	
EnteredTime	datetime	0	True	
UpdatedBy	varchar	50	False	
UpdatedTime	datetime	0	False	
LockedBy	varchar	50	False	
LockedTime	datetime	0	False	

SpecimenStorages

Description:

Columns

Name	Type	Len	Required	Description
SiteId	int	0	False	
StorageId	int	0	True	
StorageName	varchar	50	False	
StorageType	varchar	50	False	
StorageStatus	varchar	50	False	
MaxContainerNo	int	0	False	
CurContainerNo	int	0	False	
StorageNotes	varchar	1000	False	
EnteredBy	varchar	50	True	
EnteredTime	datetime	0	True	
UpdatedBy	varchar	50	False	
UpdatedTime	datetime	0	False	
LockedBy	varchar	50	False	
LockedTime	datetime	0	False	

Specimens

Description: Any primary or derivative specimens collected from a patient

Columns

Name	Type	Len	Required	Description
SpecimenId	int	0	True	
ParentSpecimenId	int	0	False	
SpecimenAccessionId	int	0	True	
ContactId	int	0	False	
SpecimenType	varchar	50	False	
SpecimenSubType	varchar	50	False	
SpecimenStatus	varchar	100	False	
SpecimenPreservationType	varchar	100	False	
SpecimenReferenceNumber	varchar	50	False	
SpecimenOriginalQty	varchar	50	False	Quantity of Original Specimen
SpecimenUnits	varchar	50	False	
SpecimenRemainingQty	varchar	50	False	
BoxId	int	0	False	
PositionId	int	0	False	
SpecimenNotes	varchar	1000	False	
SpecimenNumFreezeThaw	varchar	50	False	
EnteredBy	varchar	50	True	
EnteredTime	datetime	0	True	
UpdatedBy	varchar	50	False	
UpdatedTime	datetime	0	False	
LockedBy	varchar	50	False	
LockedTime	datetime	0	False	

Status

Description: Disease status for a patient

Columns

Name	Type	Len	Required	Description
PatientId	int	0	True	References PatientID in Patients table (Foreign Key)
StatusId	int	0	True	Unique Identifier for Status Table (Primary Key)
StatusDateText	varchar	50	False	"Fuzzy" date of status event
StatusDate	datetime	0	False	Computer interpreted status event date
StatusDisease	varchar	50	False	Disease name for disease-specific status event
Status	varchar	50	True	Disease / Vital / Follow-up Status
StatusProbability	varchar	50	False	Status probability
StatusPhysician	varchar	50	False	Physician who assigned status to patient
StatusNotes	varchar	1000	False	Notes/comments about status
StatusDataSource	varchar	100	False	Data source: encounter note, data form, patient
StatusQuality	varchar	50	False	Data quality for status record
EnteredBy	varchar	50	True	User who entered this record
EnteredTime	datetime	0	True	Date and time this record was entered
UpdatedBy	varchar	50	False	User who last updated this record
UpdatedTime	datetime	0	False	Date and time this record was last updated
LockedBy	varchar	50	False	User who locked this record
LockedTime	datetime	0	False	Date and time this record was locked

SurgeryAppointment

Description:

Columns

Name	Type	Len	Required	Description
SurgeryAppointmentId	int	0	True	
PatientId	int	0	False	
ApptMRN	varchar	50	False	
ApptFirstName	varchar	50	False	
ApptLastName	varchar	50	False	
ApptCaseSurgeon	varchar	50	False	
ApptEForm	varchar	50	False	
ApptSurgeonEmail	varchar	50	False	
ApptSurgeryDate	datetime	0	False	
ApptCPT_Code	varchar	50	False	
ApptCPT_Description	varchar	255	False	
LastNotificationSent	datetime	0	False	
EnteredBy	varchar	50	True	
EnteredTime	datetime	0	True	

SurveyItems

Description: Survey specific questions with answers

Columns

Name	Type	Len	Required	Description
SurveyId	int	0	True	References SurveyId in Surveys table (Foreign Key)
SurveyItemId	int	0	True	Unique identifier for SurveyItems table (Primary Key)
SurveyItemNum	varchar	50	False	Question number
SurveyItem	varchar	1000	False	Specific survey item or question
SurveyItemResult	varchar	255	False	Result of specific survey item, answer/response for question
SurveyItemTotal	varchar	50	False	Survey item total
SurveyItemNotes	varchar	1000	False	Notes/comments about survey item
EnteredBy	varchar	50	True	User who entered this record
EnteredTime	datetime	0	True	Date and time this record was entered
UpdatedBy	varchar	50	False	User who last updated this record
UpdateTime	datetime	0	False	Date and time this record was last updated

Surveys

Description: Overall survey information

Columns

Name	Type	Len	Required	Description
PatientId	int	0	True	References PatientID in Patients table (Foreign Key)
SurveyId	int	0	True	Unique identifier for Surveys table (Primary Key)
SurveyDateText	varchar	50	False	"Fuzzy" date of survey assessment
SurveyDate	datetime	0	False	Computer interpreted survey assessment date
SurveyType	varchar	255	False	Type of survey assessment
SurveyResult	varchar	50	False	Overall result of survey assessment
SurveyTotal	varchar	50	False	Overall total of survey assessment
SurveyVersion	varchar	50	False	Version of the survey
SurveyNotes	varchar	1000	False	Notes/comments about survey
SurveyDataSource	varchar	100	False	Data source: encounter note, data form
SurveyQuality	varchar	50	False	Data quality for survey record
EnteredBy	varchar	50	True	User who entered this record
EnteredTime	datetime	0	True	Date and time this record was entered
UpdatedBy	varchar	50	False	User who last updated this record
UpdatedTime	datetime	0	False	Date and time this record was last updated
LockedBy	varchar	50	False	User who locked this record
LockedTime	datetime	0	False	Date and time this record was locked

ThyroidPath

Description: Pathology report for thyroid surgery specimen

Columns

Name	Type	Len	Required	Description
PathologyId	int	0	True	References PathologyId in Pathology table (Foreign Key)
PathTumorType	varchar	50	False	Tumor type (from synoptic path report)
PathMitoticActivity	varchar	50	False	Presence of mitotic activity (from synoptic path report)
PathNecrosis	varchar	50	False	Presence of tumor necrosis (from synoptic path report)
PathR_Lobe	varchar	50	False	Tumor involves right lobe (tumor location, from synoptic path report)
PathL_Lobe	varchar	50	False	Tumor involves left lobe (tumor location, from synoptic path report)
PathIsthmus	varchar	50	False	Tumor involves isthmus (tumor location, from synoptic path report)
PathTumorMaxDim	varchar	50	False	Tumor size, maximum dimension of thyroid tumor in cm (from synoptic path report)
PathTumorEncapsulation	varchar	50	False	Tumor encapsulation (from synoptic path report)
PathNumFociCapsularInv	varchar	50	False	Number of Foci Capsular Invasion
PathNumFociVascularInv	varchar	50	False	Number of Foci Vascular Invasion
PathVascularInvLocation	varchar	50	False	Location of vascular invasion
PathExtension	varchar	50	False	Extrathyroid extension (from synoptic path report)
PathExtensionSites	varchar	50	False	Structures invaded by extrathyroid extension (from synoptic path report)
PathMargin	varchar	50	False	Surgical margins (from synoptic path report)
PathMarginSites	varchar	50	False	Site(s) of positive surgical margins (from synoptic path report)
PathCCellHyperplasia	varchar	50	False	C-cell hyperplasia, medullary carcinoma cases only (from synoptic path report)
PathAdenoma	varchar	50	False	Adenoma(s) away from the carcinoma (from synoptic path report)
PathNonNeoplastic	varchar	50	False	Non neoplastic thyroid findings (from synoptic path report)
PathParathyroidGlands	varchar	50	False	Parathyroid glands (from synoptic path report)
PathMicrocarcinoma	varchar	50	False	Presence of microcarcinoma
PathMultiCentricity	varchar	50	False	Presence of multi-centric disease
PathInfiltrative	varchar	50	False	Tumor Infiltration
PathSizeRange	varchar	50	False	Size Range
PathIntraThyroidInfiltration	varchar	50	False	Intrathyroid Infiltration
PathNumSlides	varchar	50	False	Number of Slides
PathNumSections	varchar	50	False	Number of Sections
PathNodePredominantHistology	varchar	255	False	Predominant histology in the removed lymph nodes
PathNodeHighestGradeHistology	varchar	255	False	Lymph node highest grade
EnteredBy	varchar	50	True	User who entered this record
EnteredTime	datetime	0	True	Date and time this record was entered
UpdatedBy	varchar	50	False	User who last updated this record
UpdatedTime	datetime	0	False	Date and time this record was last updated

ThyroidProc

Description: Operative report for thyroid surgery

Columns

Name	Type	Len	Required	Description
ProcedureId	int	0	True	References ProcedureId in Procedures table (Primary Key / Foreign Key)
ProcR_Lobe	varchar	50	False	Extent of surgery includes right lobe
ProcL_Lobe	varchar	50	False	Extent of surgery includes left lobe
ProcIsthmus	varchar	50	False	Extent of surgery includes isthmus
ProcTracheaMgmt	varchar	50	False	Management of trachea (cartilage shave, partial resection, sleeve resection)
ProcTracheaReconstruct	varchar	50	False	Reconstruction of trachea
ProcTracheostomy	varchar	50	False	Type of Tracheostomy
ProcLarynxMgmt	varchar	50	False	Management of larynx
ProcEsophagusPharynxMgmt	varchar	50	False	Management of esophagus / pharynx
ProcEsophagusPharynxReconstruct	varchar	50	False	Reconstruction of esophagus / pharynx
ProcLaryngealNerveRight	varchar	50	False	
ProcLaryngealNerveLeft	varchar	50	False	
ProcPalpableNodes	varchar	50	False	Palpable nodes
ProcNodeDissection	varchar	255	False	Denotes isolated node excision
ProcTotalThyroidectomy	varchar	50	False	Total thyroidectomy
ProcR_SuperiorParathyroid	varchar	50	False	Right superior parathyroid status
ProcR_InferiorParathyroid	varchar	50	False	Right inferior parathyroid status
ProcL_SuperiorParathyroid	varchar	50	False	Left superior parathyroid status
ProcL_InferiorParathyroid	varchar	50	False	Left inferior parathyroid status
ProcStrapMuscle	varchar	50	False	Strap muscle
ProcPositioningDraping	varchar	1000	False	Positioning / draping
ProcIncisionFlaps	varchar	1000	False	Incision flaps
ProcR_Lobectomy	varchar	1000	False	Right lobectomy
ProcL_Lobectomy	varchar	1000	False	Left lobectomy
ProcWoundClosure	varchar	1000	False	Wound closure
ProcDrain	varchar	50	False	Type of drain
EnteredBy	varchar	50	True	User who entered this record
EnteredTime	datetime	0	True	Date and time this record was entered
UpdatedBy	varchar	50	False	User who last updated this record
UpdatedTime	datetime	0	False	Date and time this record was last updated

Toxicities

Description: Adverse reactions to therapies or surgeries

Columns

Name	Type	Len	Required	Description
PatientId	int	0	True	References PatientID in Patients table (Foreign Key)
OperatingRoomDetailId	int	0	False	References OperatingRoomDetailId in OperatingRoomDetail table (Optional Foreign Key)
ToxicityId	int	0	True	Unique identifier for Toxicities table (Primary Key)
ToxDateText	varchar	50	False	"Fuzzy" start date of toxicity/complication
ToxDate	datetime	0	False	Computer interpreted toxicity/complication start date
ToxName	varchar	100	False	Name of toxicity/complication
ToxScale	varchar	50	False	Name of toxicity scale
ToxClass	varchar	50	False	Class of toxicity/complication: surgical, medical, radiation
ToxCategory	varchar	255	False	Category of toxicity/complication: system?
ToxGrade	varchar	50	False	Grade of toxicity/complication: 1-5
ToxGradeCriteria	varchar	255	False	Specify criteria met for grading toxicity/complication
ToxRelatedTo	varchar	50	False	Toxicity/complication related to disease/treatment
ToxProbability	varchar	50	False	Probability that toxicity/complication related to disease/treatment
ToxIntervention	varchar	50	False	Intervention for toxicity/complication
ToxStopDateText	varchar	50	False	"Fuzzy" stop date of toxicity/complication
ToxStopDate	datetime	0	False	Computer interpreted toxicity/complication stop date
ToxExpected	bit	0	False	
ToxDiscontinueTherapy	bit	0	False	
ToxBaseLine	bit	0	False	
ToxSAE	bit	0	False	
ToxNotes	varchar	1000	False	Notes/comments about toxicity/complication
ToxDataSource	varchar	100	False	Data source: encounter note, data form, data feed
ToxQuality	varchar	50	False	Data quality for toxicity/complication record
EnteredBy	varchar	50	True	User who entered this record
EnteredTime	datetime	0	True	Date and time this record was entered
UpdatedBy	varchar	50	False	User who last updated this record
UpdatedTime	datetime	0	False	Date and time this record was last updated
LockedBy	varchar	50	False	User who locked this record
LockedTime	datetime	0	False	Date and time this record was locked

UrinaryDiversionProc

Description: Operative report for urinary diversion surgery

Columns

Name	Type	Len	Required	Description
ProcedureId	int	0	True	References ProcedureId in Procedures table (Primary Key / Foreign Key)
ProcTermIleumLength	varchar	50	False	Length (cm) of terminal ileum used for urinary diversion
ProcR_ColonLength	varchar	50	False	Length (cm) of right colon used for urinary diversion
ProcSigmoidLength	varchar	50	False	Length (cm) of sigmoid colon used for urinary diversion
ProcTransColonLength	varchar	50	False	Length (cm) of transverse colon used for urinary diversion
ProcIlealBasedLength	varchar	50	False	Length (cm) of ileal based bowel used for urinary diversion
ProcAppendixLength	varchar	50	False	Length (cm) of appendix used for urinary diversion
ProcOtherSegment	varchar	50	False	Other colon segment used for urinary diversion
ProcOtherSegmentLength	varchar	50	False	Length (cm) of other colon segment used for urinary diversion
ProcStomaType	varchar	50	False	Type of stoma used for urinary diversion
ProcStomaLocation	varchar	50	False	Location of stoma for urinary diversion
ProcNumFascialSutures	varchar	50	False	Number of fascial sutures used for urinary diversion
ProcUreterStents	varchar	50	False	Non-Stented/Stented
ProcUreterStentExternalized	varchar	50	False	Ureters Stented/Externalized
ProcEvertedMucosa	varchar	50	False	Everted mucosa: Yes (conduit) / No
ProcR_UreterAnast	varchar	50	False	Level of right ureteral anastomosis
ProcL_UreterAnast	varchar	50	False	Level of left ureteral anastomosis
ProcNB_Configuration	varchar	50	False	Configuration used for neo-bladder
ProcNB_NumChimneys	varchar	50	False	Number of chimneys used in urinary diversion
ProcNB_ChimneyLength1	varchar	50	False	Length (cm) of first chimney in urinary diversion (neo-bladder)
ProcNB_ChimneyLength2	varchar	50	False	Length (cm) of second chimney in urinary diversion (neo-bladder)
ProcNB_AfferentLimbLength	varchar	50	False	Length (cm) of afferent limb used for urinary diversion (neo-bladder)
ProcBladderNeckTube	varchar	50	False	Bladder neck tube in urinary diversion
ProcBladderNeckTubeLength	varchar	50	False	Length (cm) of bladder neck tube in urinary diversion
ProcNumSutures	varchar	50	False	Number of sutures used for urinary diversion
ProcNB_NumUrethraSutures	varchar	50	False	Number of urethra sutures for neo-bladder
ProcNB_UrethraSutureType	varchar	50	False	Urethra suture type for neo-bladder
ProcNB_UrethraSutureQuality	varchar	50	False	Urethra suture quality for neo-bladder
ProcContMech	varchar	50	False	Continenence mechanism used for urinary diversion
ProcContMechSubtype	varchar	50	False	Continenence mechanism subtype used for urinary diversion
ProcContMechLength	varchar	50	False	Length (cm) of continence mechanism for urinary diversion
ProcJP_Drain	varchar	50	False	Jackson Pratt (JP) pelvic drain used
ProcPelvicDrain	varchar	50	False	Pelvic drain used
ProcPenroseDrain	varchar	50	False	Penrose drain used
ProcSuprapubicDrain	varchar	50	False	Suprapubic tube drain used
ProcStomalDrain	varchar	50	False	Stomal tube drain used
ProcUrethraDrain	varchar	50	False	Urethra drain used
ProcPouch	varchar	50	False	When written to Irrigate, wet/dry pouch
EnteredBy	varchar	50	True	User who entered this record
EnteredTime	datetime	0	True	Date and time this record was entered
UpdatedBy	varchar	50	False	User who last updated this record
UpdatedTime	datetime	0	False	Date and time this record was last updated

UserAttributes

Description:

Columns

Name	Type	Len	Required	Description
UserId	int	0	True	
UserAttributeId	int	0	True	
UserAttributeType	varchar	50	True	
UserAttributeName	varchar	255	True	
UserAttributeValue	varchar	1000	True	
EnteredBy	varchar	50	True	
EnteredTime	datetime	0	True	
UpdatedBy	varchar	50	False	
UpdatedTime	datetime	0	False	

UserDatasetViews

Description: Log of dates, times, and reason for each view of a dataset

Columns

Name	Type	Len	Required	Description
UserLoginId	int	0	True	References UserLoginId in UsersLogins table (Foreign Key)
DatasetId	int	0	True	References DatasetId in Datasets table (Foreign Key)
UserDatasetViewId	int	0	True	Unique identifier for UserDataSetViews table (Primary Key)
Purpose	varchar	50	True	User's purpose for viewing data
ViewTime	datetime	0	True	Time that a patient was viewed by a user

UserExportPatients

Description: Patient IDs and Anonymous IDs for data exported via the data export tool

Columns

Name	Type	Len	Required	Description
UserExportId	int	0	True	Unique identifier for User Export table (Primary Key)
UserExportPatientId	int	0	True	Unique identifier combining the PatientId and the UserExportId
AnonymousId	int	0	False	Random ID assigned to a patient to replace their Medical Record Number
PatientId	int	0	True	References PatientID in Patients table (Foreign Key)
PtMRN	varchar	50	False	Medical Record Number

UserExports

Description: Details and permissions associated with an export of patient data

Columns

Name	Type	Len	Required	Description
UserLoginId	int	0	True	References UserLoginId from UserLogins table (Foreign Key)
UserExportId	int	0	True	References UserExportId in User Export table (Foreign Key)
ExportType	varchar	50	False	
ExportName	varchar	255	False	
DiseaseType	varchar	50	False	Disease for the data set of patients being exported
PrivacyLevel	varchar	50	False	HIPAA privacy level for this export
Purpose	varchar	50	False	Reason or use for the export
IRB_ApprovalType	varchar	50	False	Type of approval received from the IRB
IRB_ApprovalDate	datetime	0	False	Date of IRB approval
ExportDate	datetime	0	False	Date of the export

UserGroups

Description: Categories of users with similar permissions

Columns

Name	Type	Len	Required	Description
UserId	int	0	True	References UserId in Users table (Foreign Key)
GroupId	int	0	True	References GroupId in Groups table (Foreign Key)
UserGroupId	int	0	True	
EnteredBy	varchar	50	True	
EnteredTime	datetime	0	True	Date and time this record was entered
UpdatedBy	varchar	50	False	
UpdatedTime	datetime	0	False	Date and time this record was last updated
DeactivatedTime	datetime	0	False	Date and time UserGroup deactivated

UserLoginAttempts

Description: Record of user login attempts

Columns

Name	Type	Len	Required	Description
UserLoginId	int	0	False	
UserLoginAttemptId	int	0	True	Unique identifier for UserLoginAttempts table (Primary Key)
UserName	varchar	50	True	
UserLoginAttemptTime	datetime	0	True	User login attempt time
UserErrorMessage	varchar	50	False	User error message
UserIP	varchar	50	False	User IP address
UserUserAgent	varchar	255	False	User agent
UserBrowser	varchar	50	False	User browser
UserPlatform	varchar	50	False	User platform
UserCookies	varchar	50	False	User cookies
UserJavascript	varchar	50	False	User Javascript
UserScreenResolution	varchar	50	False	User screen resolution
UserColorDepth	varchar	50	False	User color depth

UserLogins

Description: Log of dates and times for each time a user logs into the database

Columns

Name	Type	Len	Required	Description
UserId	int	0	True	References UserId in Users table (Foreign Key)
UserLoginId	int	0	True	Unique identifier for UserLogins table (Primary Key)
UserLoginTime	datetime	0	True	Date and time user logged into database application (session)
UserLogoutTime	datetime	0	False	Date and time user logged out of database application (session)

UserPatientViews

Description: Log of the patients in the database viewed by users

Columns

Name	Type	Len	Required	Description
UserId	int	0	True	References UserId in Users table (Foreign Key)
PatientId	int	0	True	References PatientID in Patients table (Foreign Key)
UserPatientViewId	int	0	True	Unique identifier for UserPatientViews table (Primary Key)
ViewTime	datetime	0	True	Date and time user viewed patient data

Users

Description: Names and contact information for database users

Columns

Name	Type	Len	Required	Description
UserId	int	0	True	Unique identifier for Users table (Primary Key)
UserName	varchar	50	True	Username
UserPassword	varchar	255	True	User's password (encrypted or hashed)
UserFirstName	varchar	50	False	User's first name, given name
UserLastName	varchar	50	False	User's last name, surname
UserEmail	varchar	50	False	User's email account
UserEmployeeId	varchar	50	False	
EnteredBy	varchar	50	True	
EnteredTime	datetime	0	True	Date and time this record was entered
UpdatedBy	varchar	50	False	
UpdatedTime	datetime	0	False	Date and time this record was last updated
DeactivatedTime	datetime	0	False	Date and time user account deactivated
