Prepopulation Penrad database Specifications

This option facilitates pre-population of the Penrad database for new facilities. Pre-population of patient information, referring doctors, referring sites, radiologist and technologist information is available to save time and effort.

Pre-population of the PenRad Mammography System database is facilitated by importing data from existing facility databases. These file formats may be: text (tab or pipe delimited), spreadsheet or database. Patient information may include patients with mammography exams within the last 3-5 years (by CPT, exam code or department code, etc.) and/or female patients over a certain age.

During data conversion, names and addresses are properized (MARY SMITH - Mary Smith) and duplicate patients are removed based on multiple field matching (ie: DOB, last name, MR#). PenRad can automatically calculate and assign a next exam date based on last exam date and/or age to generate recall letters.

HL7 format is optional (ADT, ORM, ORU).

Patient/Exam Data (one record per exam)

Field	Value
Patient_id (50)	= 2121, AA343, (MRN - unique patient number)
MPI(50)	= 2121, AA343, (Master Patient Index - unique patient number)
Last_name (50)	= Anderson
First_name (50)	= Mary
Middle_name (50)	= A , Ann
First_title (16)	= Ms., Mrs, Dr, etc.
Last_title (16)	= MD, DO, etc
Date_of_birth (Date)	= 10/25/57, 10/25/1957, 19571025
Sex (10)	= M, F, Female, Male, U, Unknown
Race (50)	= W, White, B, Black, A, Asian, etc.
Address_1 (50)	= 123 Oak Street
Address_2 (50)	= Apartment 22
City (50)	= Minneapolis
State (32)	= MN
Zip (16)	= 55555, 55555-4444, 555554444
Home_phone (20)	= (612475-3388, 6124753388, 4753388 (can add area code if told)
Work_phone (20)	= (612)475-3388x1234, 61247533881234, 4753388 1234
SSN (50)	=123-56-7890, 1234567890
Account # (30)	= 1234(Visit number, FIN)
Accession# (30)	= 1234
Exam_code (30)	= MAMM
Exam_Description (80)	= Screening Mammogram
Exam_date (Date)	= 12/12/1995
Birads(if applicable) (50)	= 1
Recall_Date (Date)	= 12/12/1996
Recall_Type (80)	= Mammogram, Ultrasound...
Referring Dr_ID (50)	= 2121, AA343, (doctor number) (see below)
Radiologist Doctor_ID (50)	= 2124, AA344, (doctor number) (see below)
Technologist Tech_ID (50)	= 128, AA3, (see below)
Exam Location (50)	= PenRad Breast Center
Report Text (No Limit)	= Line1~Line2~Line3~...

Refering doctor data

Doctor_ID (50)	= 120 (doctor number)
Last_name (50)	= Anderson
First_name (50)	= Mary
Middle_name (50)	= A , Ann
First_title (16)	= Ms., Mrs, Dr, etc.
Last_title (16)	= MD, DO, etc
Address_1 (50)	= 123 Oak Street
Address_2 (50)	= Apartment 22
City (50)	= Minneapolis
State (32)	= MN
Zip (16)	= 55555, 55555-4444, 555554444
Office_phone (20)	= (612)475-3388x1234, 61247533881234
Fax_phone (20)	= (612)475-3388x1234, 61247533881234
Email (50)	= dr@hospital.com

Hospital/clinic data

Hospital_name (50)	= Merit Healthcare
Department (50)	= Radiology
Contact_name (50)	= Mary Smith
Hospital_id (50)	= 501
Address_1 (50)	= 123 Oak Street
Address_2 (50)	= Apartment 22
City (50)	= Minneapolis
State (32)	= MN
Zip (16)	= 55555, 55555-4444, 555554444
Office_phone (20)	= (612475-3388, 6124753388, 4753388 (can add area code if told)
Fax_phone (20)	= (612)475-3388x1234, 61247533881234, 4753388 1234, 4753388

Radiologist data

Last_name (50)	= Anderson
First_name (50)	= Mary
Middle_name (50)	= A , Ann
First_title (16)	= Ms., Mrs, Dr, etc.
Last_title (16)	= MD, DO, etc
Doctor_ID (50)	= 120 (doctor number)
NPI (50)	= 12000001224154 (doctor NPI)
Home_phone (20)	= (612475-3388, 6124753388, 4753388 (can add area code if told)
Office_phone (20)	= (612)475-3388x1234, 61247533881234, 4753388 1234
fax_phone (20)	= (612)475-3388x1234, 61247533881234, 4753388 1234
Hospital_id (50)	= Hospital_id
Resident	= Yes/No

Technologist data

Last_name (50)	= Anderson
First_name (50)	= Mary
Middle_name (50)	= A , Ann
First_title (16)	= Ms., Mrs, etc.
Last_title (16)	= RT, etc
Tech_ID (50)	= 120
Hospital_id (50)	= Hospital_id (Tech 'Location')