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Patient Demographics Functions- Requirements
Document Number: SR-001 SR-001
Revision Number: 002 2
SP 25EP12 1/29/13

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1.0   Purpose

The purpose of this document is to describe the requirements for the patient demographics collection of data.

2.0   Scope

The scope of this document consists of the Patient Demographic processes as a whole, no other systems requirements are defined in this document. The initial release of this document addresses only the requirements for the core system, this will be augmented as new requirements are introduced.

3.0   Assumptions and Dependencies

The user has logged into the system.
The user has appropriate permissions to enter the patient demographics

4.0   System Requirements

4.1   Users must be able to search for a patient in the system. All new patient entry must begin with the search screen. This is to ensure that the specific patient being entered does not already exist.

4.2   To search a patient, the user is prompted to enter at a minimum the patient's first or last name. Optionally, they can enter the patient's birth date and gender in order to narrow the search results.

4.3   The system displays zero or more results for the search criteria entered.

4.4   If the appropriate patient is not found, then the user is presented with the ability to create a new patient profile.

4.5   If the patient is found, then the user is able to view and edit the patient demographics information, capture a new scan for the patient selected, or enter a new patient profile.

4.6   Patient demographic fields should be audited. An audit trail should be kept for each data point, consisting of the following tracking points:

- ID of the user that performed the change.
- Date and time of the change down to the minute.
- The before and after values.
- The name of the data point.

4.7 After a search, if the patient is found, then the user is able to view the patient demographics information, capture a new scan for the patient selected, or enter a new patient profile.

4.8 The demographics collected will consist of the following points, the table below represents the name of the data, a validation if any and the requirement of the field to complete data entry:

Field Name	Validation	Required
First Name	None	Yes
Last Name	None	Yes
Middle Initial	None	No
Birthdate	Valid date in format mm/dd/yyyy	Yes
Gender	Either Male or Female	Yes

4.9 The user can either cancel out of the process (Cancel) or they can save the information (Save).

4.10 All data will be saved on the local system located at the client location. This includes all information contained on the patient intake form and the unique identifier generated based upon the patients name, date of birth and gender.

4.11 A user can add to or update any of the existing patient's information in requirement 4.8.

4.12 The ClearView system must upload any new patients that are added to the system.

4.13 The user should be able to go directly to the scanning functionality once a new patient has been saved.

Document Revision History

Version Number:	Description of Change:	Date:	Updated by:
000	Introduction	5/24/11	A. Mason
001	Added auditing requirements for demographic fields. Redefined the demographic fields that are to be initially collected to only consist of First Name, Middle Initial, Last Name, Date of Birth, and Gender.	3/5/12	A. Mason
002	Added requirement to upload new patients that are created to EPIC Central after creation. Added the requirement to allow the user to navigate from the 'Add Patient' screen to the scanning process.	7/18/12	A. Mason