

# St. Alexius Medical Center EMR Development

*MedAssist*

## Challenges

- Multiple Organizations
- Each organization has a different patient chart number
- Best of Breed application approach
- Many “Originating Systems”
- HIPAA Security
- Not forcing physician practice changes

## MedAssist

- Single point of information for a Medical Group
- Investment protection
  - interfacing with current systems
- User friendly
- Repository and or EMR
- Scalable
- Quick training time (10 minutes)
  - Tab driven

## Major 4

- Master Patient Index (MPI)
  - Allow for multiple chart numbers per patient
- Transcription reports
- Laboratory reports
  - discreet fields for graphing
- Radiology reports

## Capture Process

- 1999 started capturing transcription
- Built our Master Patient Index
  - merged chart numbers from 3 organizations
- HL7 and Interface Engine
- Back loaded 1 year of data into MedAssist
  - added value to the system immediately

## Security

- Record level by document type
- Facility level
- Provider level by author and cc'd providers
- Audit logs
- Audit reporting

## Additional Documents Types

- Pathology reports
- Scanned documents - ScanAssist
- Emergency Room Visits
- Medications - ClinAssist
- Immunizations
- Allergies - ClinAssist
- Vitals – ClinAssist
- Diagnostic Tests
- Digital Pictures

## Features

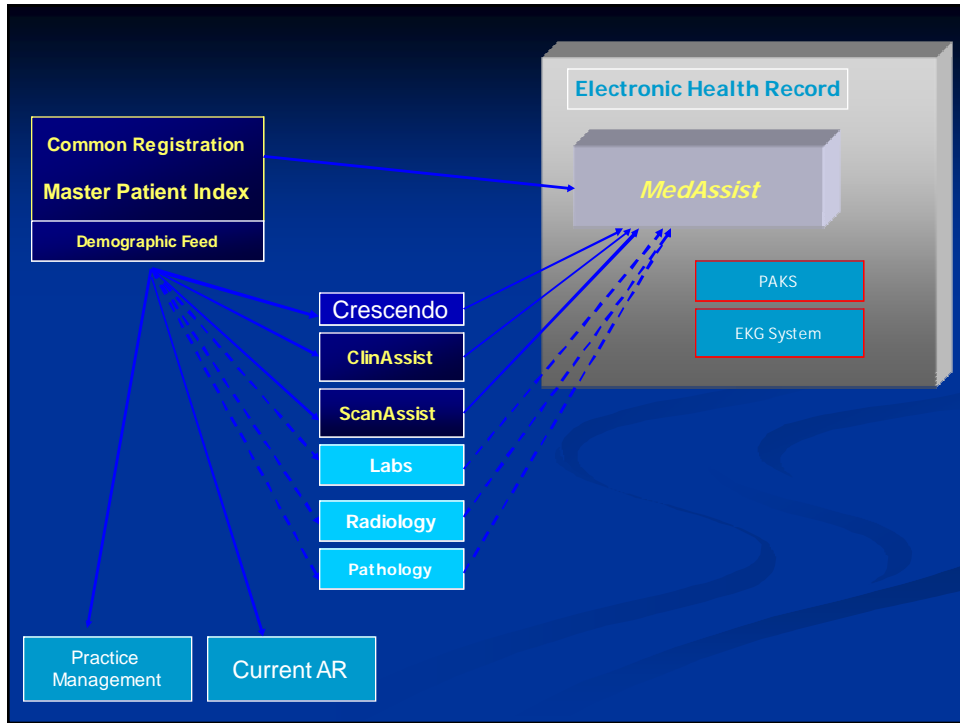
- Integration of physician rounds cards
- Integration of physician clinic schedule
- Central Registration
- Lab order entry
- In-Box with electronic order signature

## Features Continued

- Single Sign On
  - Self development
  - Isite
  - ChartMaxx
  - McKesson
- Single patient medication list
  - Medication Reconciliation

## Current Volumes

- Provider usage
- Staff usage
- Number of documents



Questions ?