



Pathfinding Session: Eye Care Systems

IHE North America Webinar Series 2008

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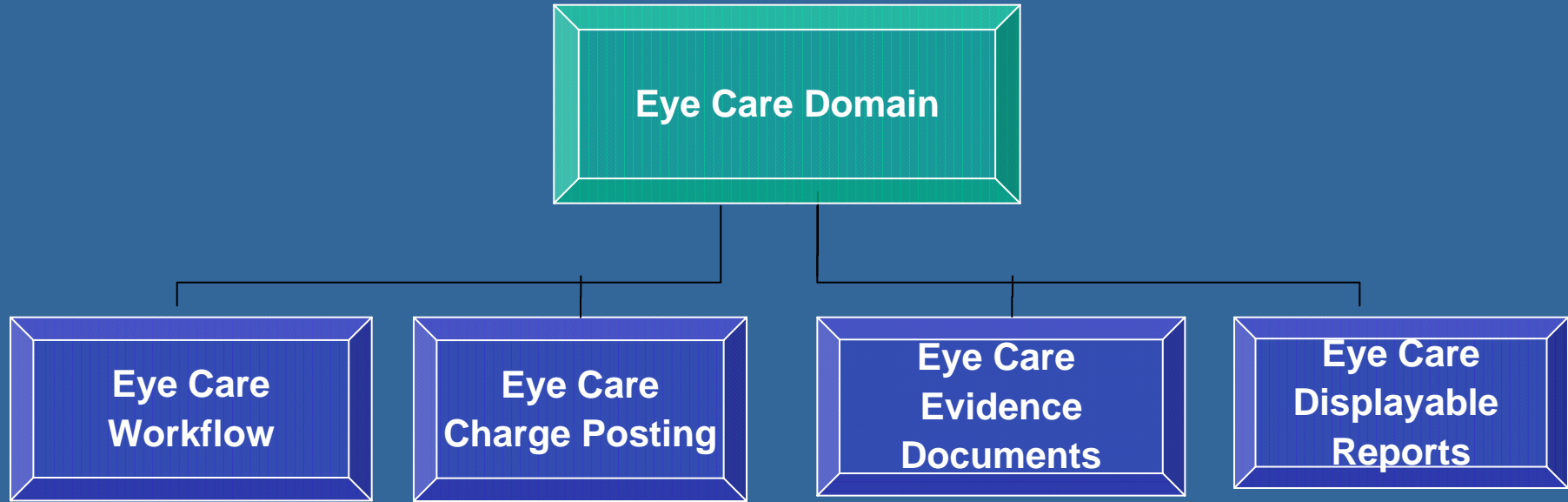
Learning Objectives

- What Profiles may be relevant to your Product?
- What do the Profiles do?
- If the relevance isn't clear, Ask now.

Goal:

Help you decide which profiles are relevant and where additional information can be obtained

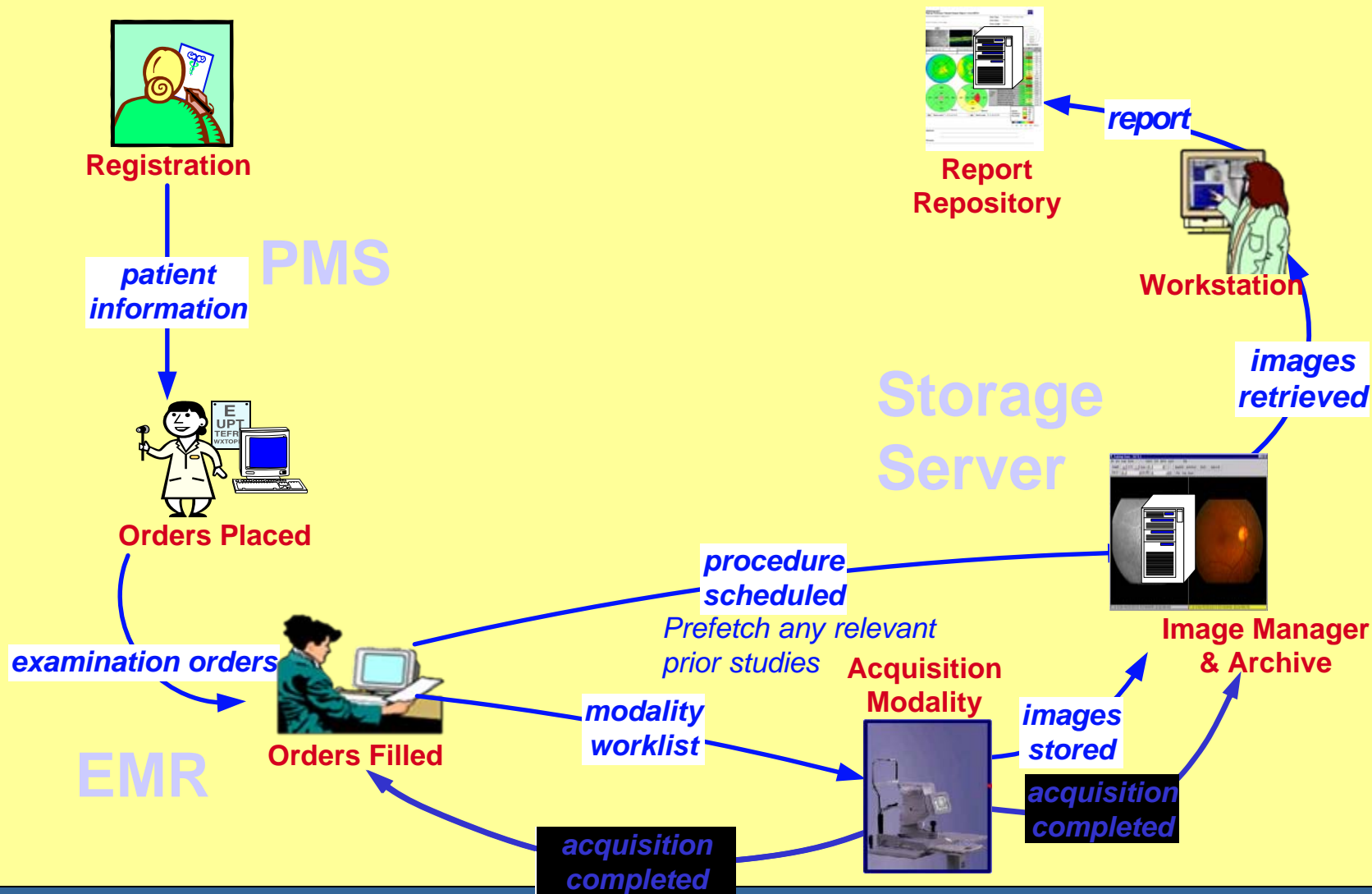
Relevant Domains and Profiles



Eye Care Workflow Integration Profile

- Describes mechanisms to manage and distribute the workflow within the eye clinic across the several types of equipment in a synchronized manner

Eye Care Workflow Profile



Eye Care Charge Posting Integration Profile

- Specifies the exchange of information from department ordering systems to billing systems regarding charges associated with particular procedures
- Defines the communication between patient registration systems and billing systems about patient demographics, accounts, insurance, and guarantors

Eye Care Charge Posting Profile



Initial Capture of Patient Demographics

Patient Information

PMS



Registration

Account Complete

BILLING SYSTEM

patient information



order Placed

Procedure Information

BENEFITS

Redundancy Eliminated
Maximum Data Integrity
Billing Available ASAP
All Systems Updated

examination orders



EMR



Orders Filled

modality worklist

Patient and procedure information retrieved by the modality



acquisition completed

Eye Care Evidence Documents Profile

- **Defines ways for data recorded in the course of carrying out a procedure step, such as observations, measurements, and results (i.e., evidence documents)**
 - **To be output by devices, such as acquisition systems and other workstations**
 - **To be stored and managed by archival systems**
 - **To be retrieved and presented or used by display and reporting systems.**

Eye Care Displayable Reports Profile

- Specifies transactions supporting the creation, query/retrieve, and reading of display-ready eye care reports
- Allows use of the DICOM Encapsulated Document IOD, which has emerged as a ubiquitous means of encoding documents ready for presentation, including graphical content
- Allows the reporting physician to control the “look” of the report, which is important for both clinical and business reasons

Eye Care Displayable Reports Profile

Initial Capture of Patient Demographics

PMS



Registration

patient information



order Placed

examination orders



Orders Filled

modality worklist

Patient and procedure information retrieved by the modality



images stored



Image Manager & Archive

Eye Care Encapsulated Document

**images
evidence documents
reports
measurements**

Relevant Profiles

- Eye Care Workflow
- Eye Care Charge Posting

Electronic Health Record Systems

Relevant Profiles

- Eye Care Workflow
- Eye Care Charge Posting

Relevant Profiles

- Eye Care Workflow
- Eye Care Charge Posting
- Eye Care Evidence Documents
- Eye Care Displayable Reports

Relevant Profiles

- Eye Care Workflow
- Eye Care Evidence Documents
- Eye Care Displayable Reports

Dates/Relevant Sessions from Overall Schedule

IHE Eye Care Year 3 Timeline

- August – sign up for Connectathon
- August-September – Testing with Mesa Tools
- October – Connectathon
- November 7-11, Showcase, Atlanta

Takeaway Points

- Value proposition/benefits
- Participant role/expectations
- Where to learn more/next steps
 - June 24, 3-4:30 CT Eye Care Webinar
 - wiki.ihe.net
 - American Academy of Ophthalmology
 - flum@aao.org