

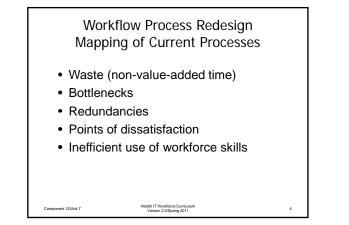
Workflow Process Redesign Mapping of Current Processes

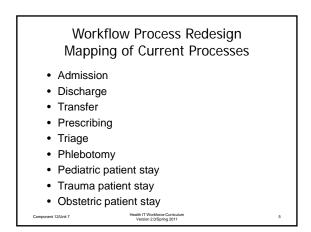
- Name of process
- Process owner
- Process output/product
- Who is involved in delivering the process
- · Who cares about the process
- Extent of the process to be mapped
- · Activities to define the process
- · Start and end point

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HIT Design to Support Workflow: **Emergency Department Example**

Emergency department (ED) crowding has been a consistent problem at an urban, tertiary care academic medical center in New York City. Using process redesign, a multidisciplinary team was able to streamline patient throughput before implementing a fully integrated ED information system information system.

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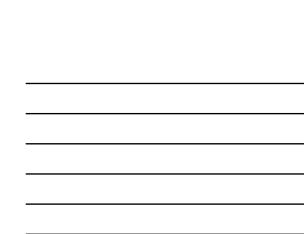


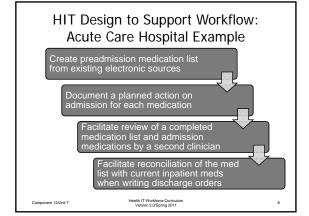
medical centers at 2 boston academic medical centers examined the effects of a redesigned medication reconciliation process integrated into their existing provider order entry systems. The process redesign team involved physicians, nurses, and pharmacists who examined admission and discharge processes that support medication reconciliation.

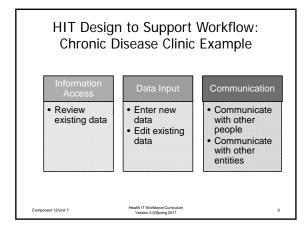
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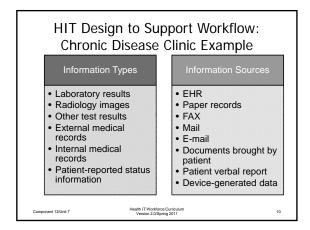
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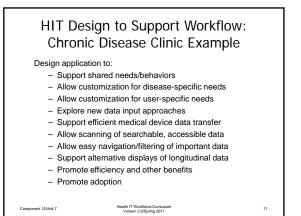












HIT Design to Support Workflow: Small Ambulatory Practice Example

Examine the multiple workflows within the current office practice

- How appointments are scheduled
- What occurs during the actual visit
- What are the workflows after the visit
- How does the office practice handle unscheduled patient visits
- How does the practice handle post-visit patient questions

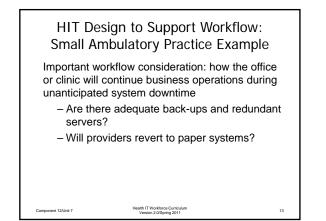
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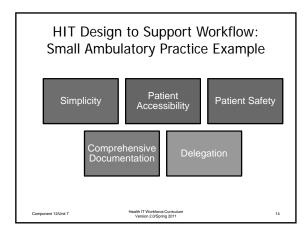
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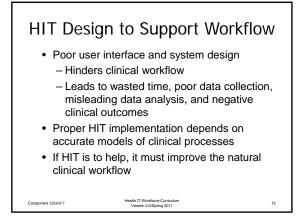
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Summary

- Health care process redesign must begin with a well-structured evaluation of current workflow processes
- Information obtained during workflow process analysis informs process redesign efforts.
- · HIT professionals can assist teams to analyze the impact of HIT on workflow processes.

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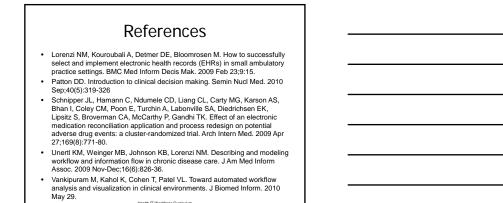
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