UPMC

2008 Lab Quality Confab

UPMC Creates 'Smart Hospital Room' Informed by Toyota's Production System

> Lucy Thompson RN MN CCRN 24th September, 2008. Atlanta, GA.











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Having an electronic health record is just the first step in using information to drive **safe** care.

The Smart Room project sits at the intersection of good work design and electronic health information.



















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s4

shardt 05/17/2008 These tabs on the bottom are only present for the nurse and nursing assistant in HIPAA screen. They are called action buttons and will exist if certain criteria are met. They are described in the "skin" requirements document shardt, 05/27/2008





We will show the two most recent blood alucose levels as shown DO NOT HAVE ANY XML WITH THIS IN IT...WILL HAVE TO GET FROM PRODUCTION

Slide 18

s14

4405-01 LOS 4.2 days	НС	DME	MED	S	LA	BS	I/O		ASSES	S
CODE STATU: FULL	S: Lucy (Lucy Q. Thompson				Emergency: Donald Duckmeister 412-555-2635(H) / 412-555-9109(W) Attending: Joel Weinberg, Pulmonologist				
		Vesterd	av 4/19				Today	v 4/20		
	7am-3pm	30m-11pm	11pm-7am	TOTAL	1	7am – 3 p m	3pm-11pm	11pm-7am	11pm - 7am	
Input	250	100	75	250		500	250	250	250	
Output	100	100	100	250		100	500	250	250	
Balance	150	-	-25	-		400	-250	-	-	
ACTION ITEMS ()	eds Due	New Ord	ers		Y		7		UPWC Count	14 1007

<text><text>

Slide 19	
s15	shardt 05/28/2008 shardt 05/28/2008 XML: encounter\fluidBalanceSummaries\fluidBalanceSummarv\tvpe\ = input shardt, 05/28/2009
s16	shardt 05/28/2008 shardt 05/28/2008 XML: encounter\fluidBalanceSummaries\fluidBalanceSummarv\tvpe\ = input shardt, 05/28/2008









UPMC Healthcare's Major Problem

We have to <u>stop adding</u> work....we must to find a way to take hard work away and make success easy for the front line.

These features are designed to take extra steps away. To subtract!!!



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Perfection is achieved, not when there is nothing left to add, but when there is nothing left to take away.

-- Antoine de Saint-Exupery