HEALTH IT TODAY: BROWNIAN MOTION OR A TRUE TIPPING POINT?

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July 12, 2010

TOPICS

- I. End Goal and The Big Picture
- II. Getting There From Here What Does Success Look Like?
- **III.**Summary



SECTION I End Goal and The Big Picture

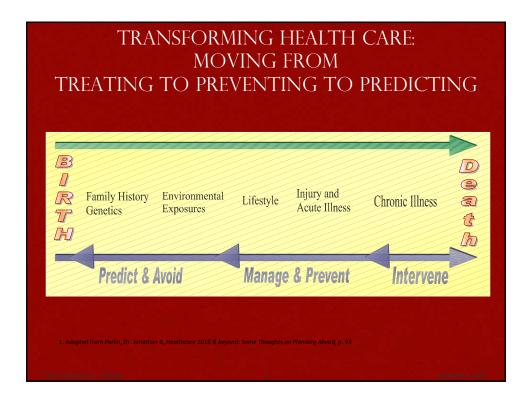
THE ULTIMATE REASON FOR HEALTH IT



It's PERSONAL

What <u>quality</u> and <u>value</u> of **health care services** do <u>vou</u> demand?

What quality of health do you want and deserve?





BIG PICTURE – HEALTH IT

- Woven into the fabric of our lives and society
- Provides robust, flexible solutions
- Maximizes user choices
- For health care delivery...
 - Enables ongoing innovation and collaborative improvements
 - + Incorporated with minimal delay
 - Delivers an agile solution that can adapt rapidly

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THE PURPOSE OF HEALTH IT

This is **NOT** about technology...

It is about **RESULTS**:

- Improved Health Care Quality & Safety
 - Improved Health Care Outcomes
 - Containing Health Care Costs
 - Improved Access to Health Care
 - Improved Health

ORGANIZING CONSTRUCT

- Outcome: Health & Well-being
- Enabler:
 Health Information
- Means: Health IT solutions

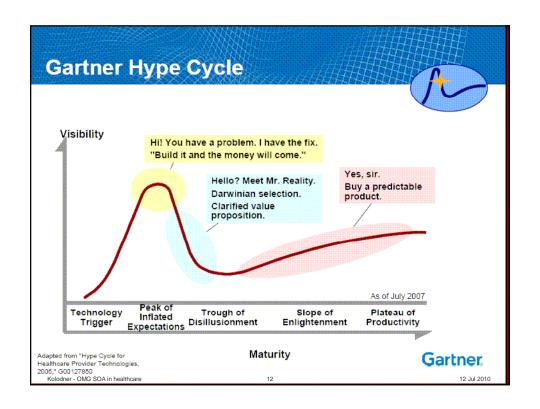
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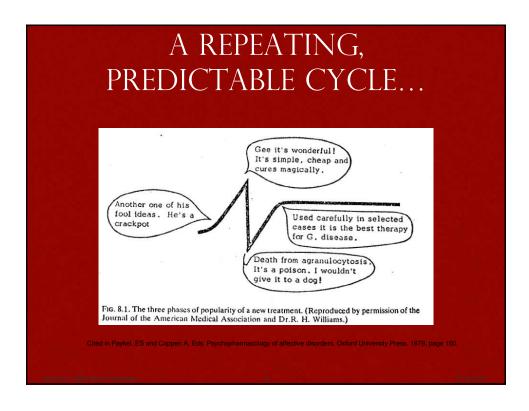
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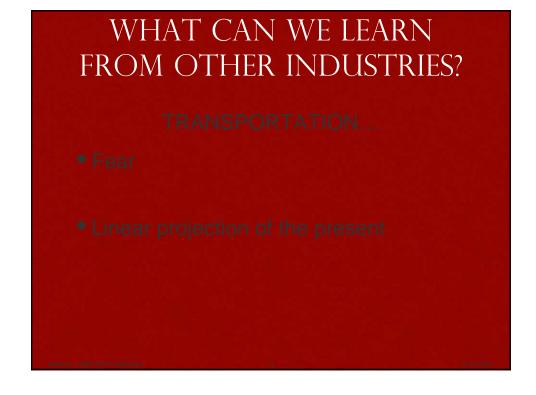
SECTION II

Getting There From Here – What Does Success Look Like?









TRENDS IN TECHNOLOGIES

 Some new breakthroughs start out expensive and exclusive

The Automobile

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JAMA – APRIL 21, 1906

AUTOMOBILES FOR PHYSICIANS' USE

ARE THEY PRACTICAL? ARE THEY DESIRABLE? ARE THEY ECONOMICAL?

ARE THEY BETTER THAN HORSES?

Pn 1172-3

THE AUTO AS A PHYSICIAN'S VEHICLE.
F. M. CRAIN, M.D.

REDFIELD, S. DAK.

Graft and Robbery

The Features of an Ideal Car.

An ideal physician's car has not yet been placed on the market. The nearest approach to it, in my opinion, is the

Pp 1177

THE PHYSICIAN'S AUTOMOBILE INDISPENSABLE.
HENRY ENOS TULEY, M.D.
LOUISVILLE, KY.

JAMA – APRIL 21, 1906

AUTOMOBILES FOR PHYSICIANS' USE

ARE THEY PRACTICAL? ARE THEY DESIRABLE? ARE THEY ECONOMICAL?

ARE THEY BETTER THAN HORSES?

THE AUTO TOO MUCH TROUBLE TO KEEP IN ORDER.

F. A. SWEZEY, M.D. WAKONDA, S. DAK.

P. 1174

In my practice, which is entirely country work, I have used, for two seasons, an 8-H.P., one cylinder, water-cooled, gasoline runabout (III), and I find that the automobile is not practical for such work, owing to bad roads and inclement weather. They are more for pleasure than for general business use, and I would not advise any physician in country work to buy one and to rely entirely on it. In night work or in wet or cold weather an auto is very annoying; in fact, I have sold mine, and will never buy another. As my

JAMA – APRIL 21, 1906

P 1197

THE MOTOR CYCLE FOR THE COUNTRY DOCTOR.

W. NICHOLAS LACKEY, M.D. GALLATIN, TENN.

JAMA – APRIL 21, 1906

	Deleties Out of Westing .	Transacant and Ambanation	
	Relative Cost of Keeping a	norse and an Automobile.	
	HORSE AND RIGS.	AUTOMOBILE.	
	RELATIVE FIRST CO	ST OF EQUIPMENT.	
	Two horses \$400	Automobile\$700.00	
		Fur robe 20.00	
	Cutter 50	Heavy lap robe 8.00	
	Cart 25 Two sets harness 40	Summer robe 2.00	
	Two day blankets 20		
	Two night blankets 10		
	One fur robe		
	One heavy lap robe 8 One summer lap robe 2		
	0 m 0 m m m m m m m m m m m m m m m m m		
	SUPPLIES FOR ONE YEAR.		
P. 1193	Oats, 300 bushels, at 30c. \$117 Hay, 2 tons	Gasoline, 120 gals., at 18c. 21.60 Lubricating oil 4.20	
		Lubricating oil 4.20 Spark plugs 6.00	
	Farrier services 75	Inlet valves 4.00	
	REPAIRS AND HIRED MAN.		
	Repairs (ordinary) 40		
	Man 100	stances 50.00	
"	200	Man	
			
1.		Total \$840.80	
11	No. of months' service, 11	No. of months service, 10.	
	These estimations are calculated on a basis of two years' service.		
	Time saved in making trips,	40 per cent.	
Kolodoor OMC SC	M. in healthcare		

JAMA – APRIL 6, 1912

AUTOMOBILE ACCESSORIES AND AIDS TO COMFORT

Vol 58 (14) P. 1058

TRENDS IN TECHNOLOGIES

- Successful technologies become available to more and more users
 - Lower cost
 - + More convenient
 - + Less skill needed
 - Improve more quickly

"Faster, easier, cheaper, more convenient"

- Features transition from high-end to widely available at lower cost before turning into commodities
- Markets mature from vendor driven to consumer-driven
- As markets mature, profits derived by evolution of business models
 - + Smaller profit margins with a much larger customer base

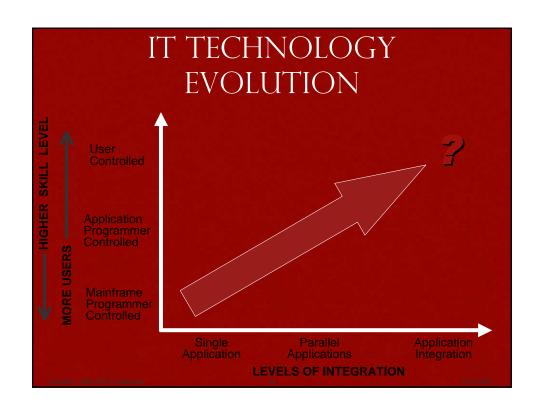
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NOTABLE QUOTE – W. EDWARDS DEMING

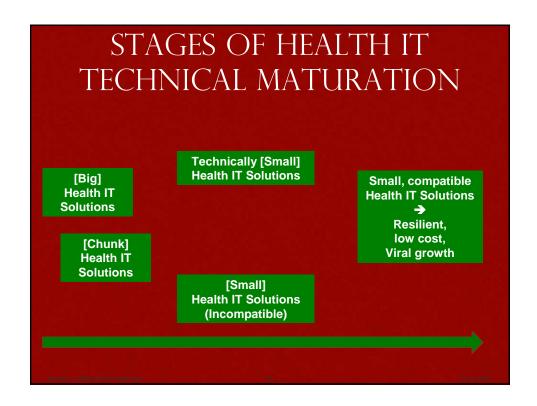


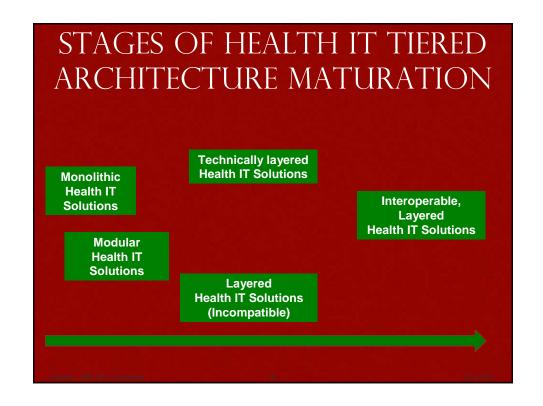
"You don't have to change; survival is not mandatory."

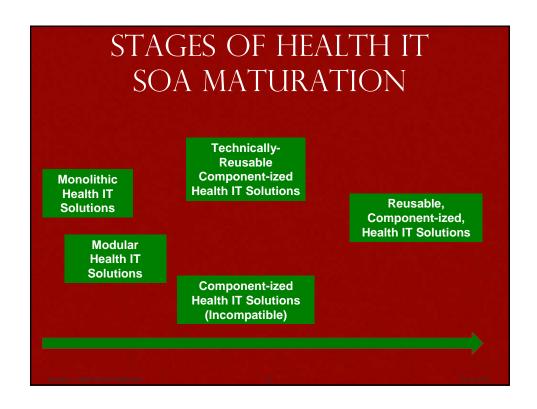


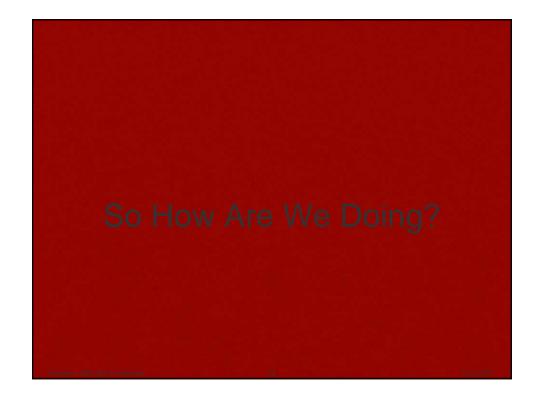
MARKERS OF SUCCESSFUL HEALTH IT

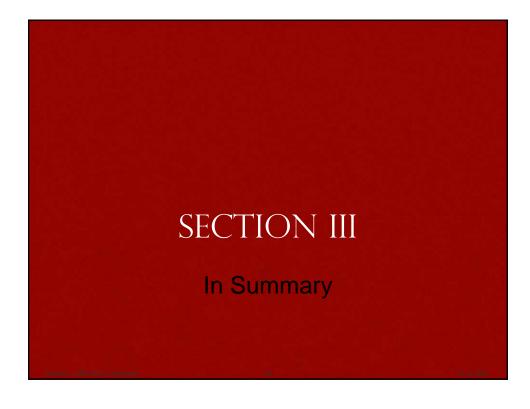
- Compete on those aspects that add real value for consumers
- Health IT standards that allow variation to explore and innovate
 - Data and information models
 - Communication and security protocols
- Remove unnecessary health IT costs
 - Common, reusable components
 - Don't have to recode what works except to improve /extend existing ones
- Incremental convergence path from existing solutions
 - + No "rip-and-replace"











THE ULTIMATE REASON FOR HEALTH IT



Health IT is a key enabler for us ALL to get:

The <u>quality</u> and <u>value</u> of **health care services** we demand

The <u>quality</u> of **health <u>we</u> want and deserve**



"Our options are to learn this new game, the rules, the roles of the participants and how the rewards are distributed.

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to continue practicing our present skills and become the best players in a game that is no longer being played."

> * Larry Wilson — Chanaina the Game: The New Way to Sel

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QUESTIONS & COMMENTS