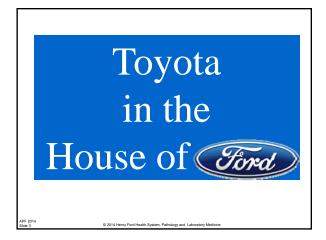
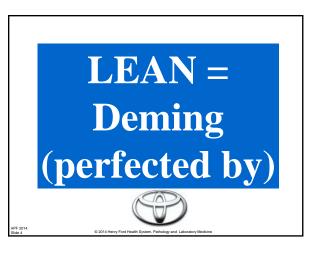
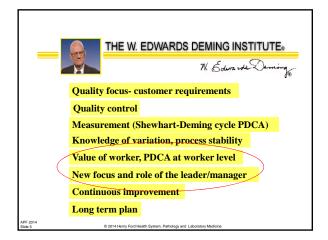
Lean Culture- Strategies for Simplification and Structure: A Sound Vessel to Weather the Healthcare Storm

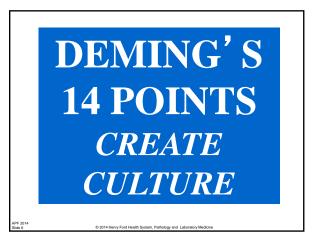


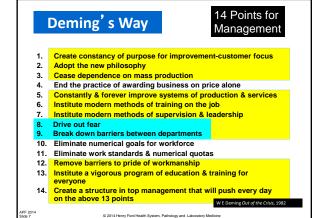


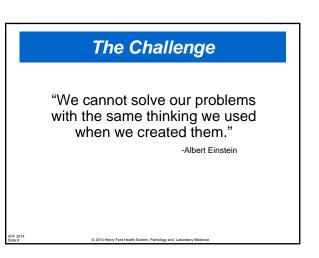




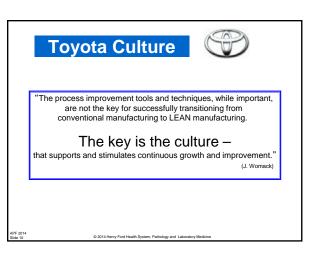




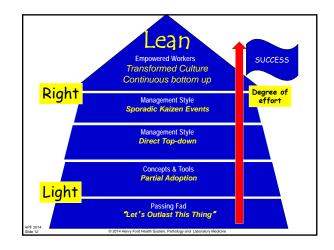








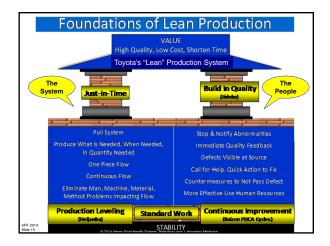
# Open Quality Vision, Mission, Values LENRY FORD PRODUCTION SYSTEM • Best in Class • Every Life Deserves World-Class Surgical Services • Culture of continuous improvements • Relentlessly Pursuing Perfection • Culture of worker empowerment for change • Never Make, Accept, or Pass a Defect • Deming management principles • Our People Are Our Experts & Most Valuable Asset • Lean work rules & principles • Variation and Poor Communication Are Our Enemies



# CULTURE OF EMPLOYEE EMPOWERMENT

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# Continuous Improvement Culture

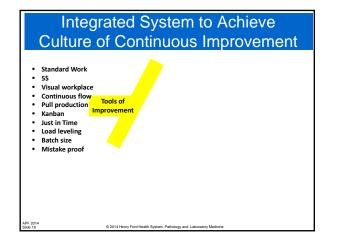
"We know from the changes that have already been brought about that far greater changes are to come, and that therefore we are not performing a single operation as well as it ought to be performed." – Henry Ford

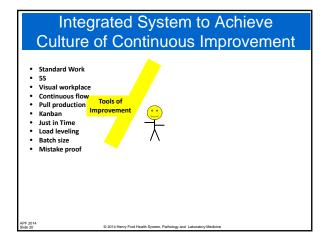


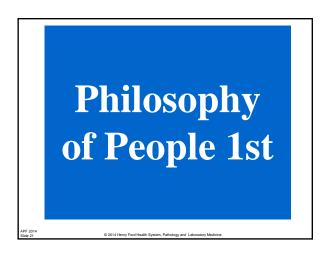


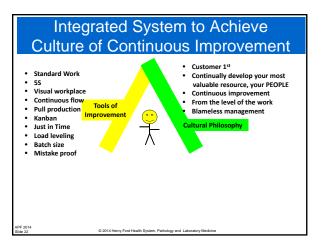
## Deming

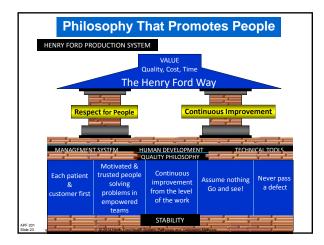
"Start as soon as possible to construct with deliberate speed an organization to guide continual improvement of quality."

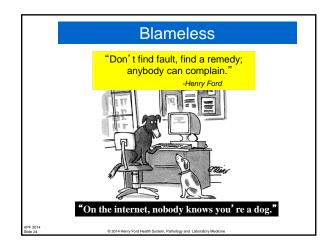




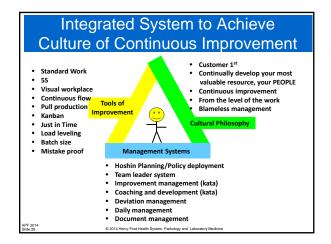


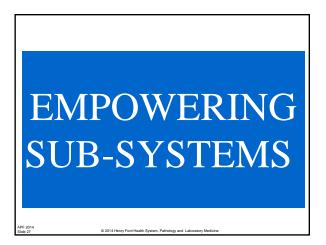


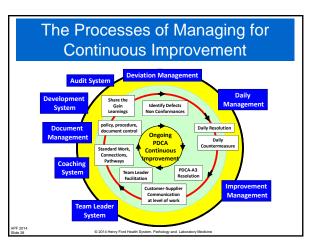


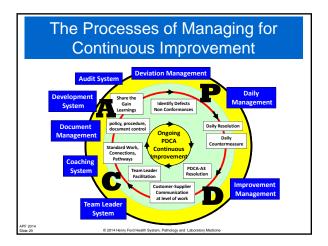


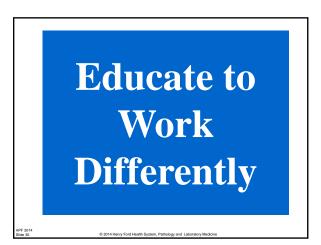








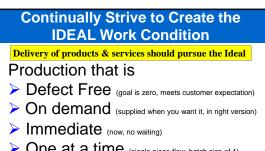




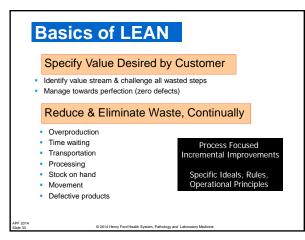
# What is my role and what do you want me to do?

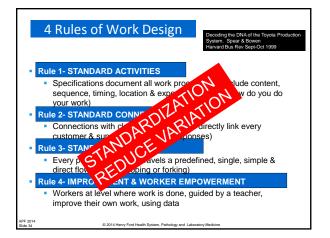
- Physicians, Leaders, Managers, Supervisors, Coordinators
- Quality Team Leaders
- All employees

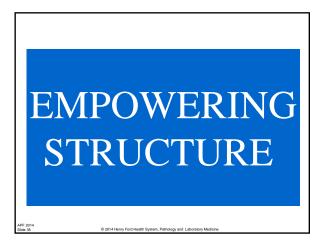
<ol> <li>Be engaged</li> <li>Own it</li> <li>Improve it</li> <li>Everyday</li> </ol>
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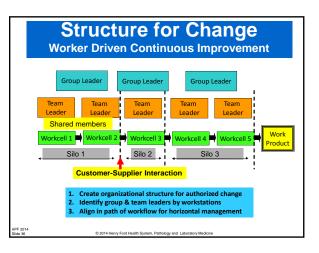


- > One at a time (single piece flow, batch size of 1)
- Continuous flow (no batches, queues)
- Minimal waste (materials, labor, energy, other resources)
- Safely for every employee



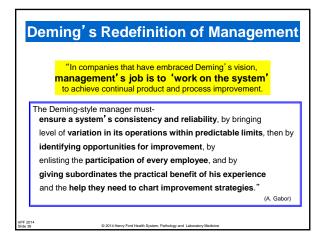








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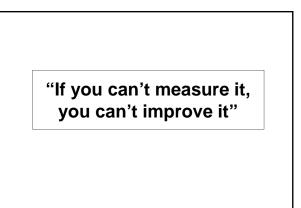


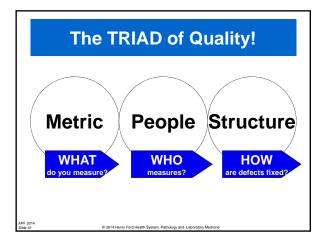
## Managers Weekly Checklist

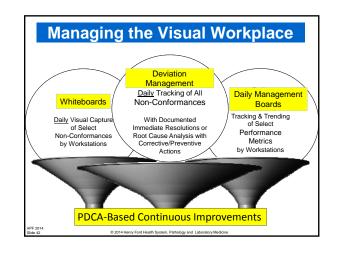
#### "You get what you inspect not what you expect"

- 1. Know and understand the variation in your work via metrics
- Engage the workforce in quality improvements, develop your people's skills 2. Deviations/Non-conformances outliers and trends 3.
- 4. Temp humidity checks -completeness of documentation, root cause and corrective actions
- 5.
- 5S activity documentation 6.
- Posted job aides and all visuals reviewed and updated
- New or revised procedures reviewed with staff and staff competencies verified 7.
- 8. New problems of risk (mis-ID, safety) and resolutions discussed
- 9. White Board review leading to interventions and process improvements
- 10. Ongoing and planned process improvements reviewed
- Inventory and kanban check 11.
- 12. Lead then delegate "Share the Gain'

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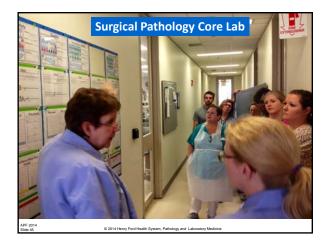


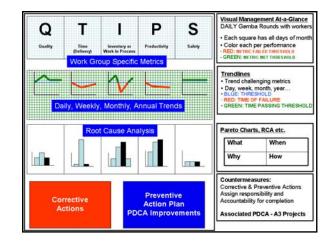


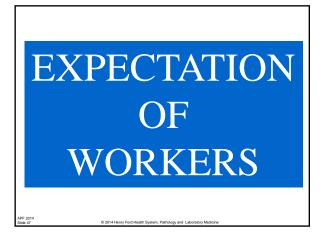


3 Egyme of Wester Velling - westerd time between steps where - process & product multikes	Real Cause	4 Rules of Work Design	MPS Process Improvement Procedure	
novement of realized & products hereproduction - more than reacted here or non-more production taken, work - unnecessary movement of engine more production of an order stack		San 1: 110:000 (2) thereas           Max 1: 110:000 (2) thereas           Max 1: 010:000 (2) thereas           Max 1:		Wednesday' Words of Quality
3. Not enou	• •	collected for lab te		
		ed on the spot)		
A3 (PDCA	analysis and	d customer-supp	lier involveme	nt)

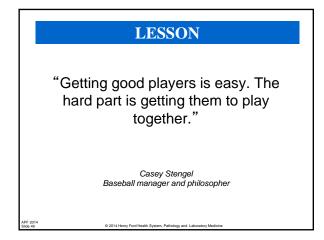


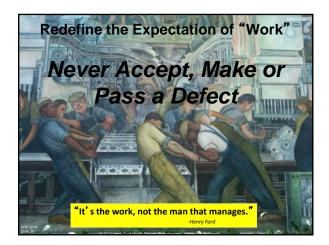






# CQI = Daily Team Sport

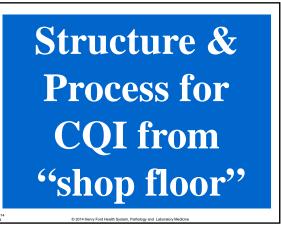


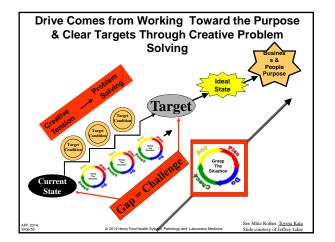


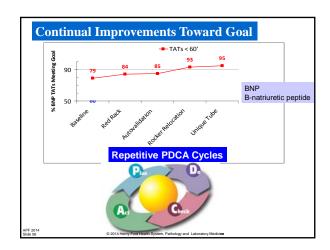


# VISUAL WORKPLACE -DEFECTS-BLAMELESS CULTURE





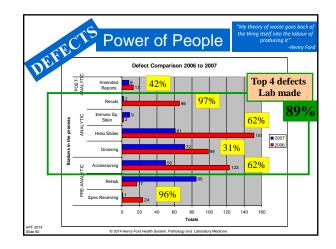


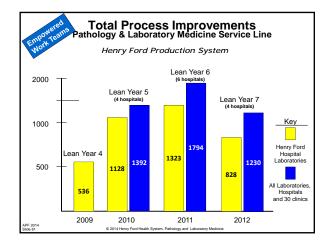


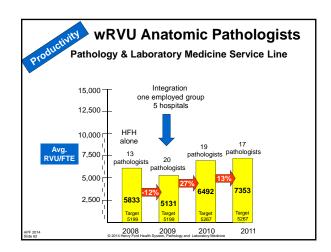


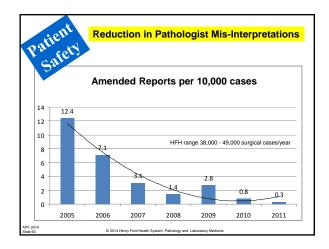


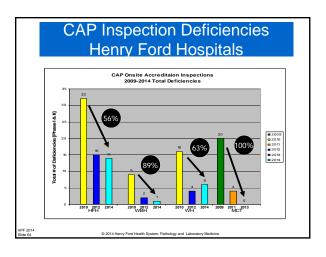
Rew	OTE		Rework	-			
<b>S</b>	00	2006	2007	2008			
	Total SP Cases	1690	1791	1000			
	Cases with Defects	472	223	24	Fix Real-		
	Total Defects	494	288	24	time		
		1 of 3	1 of 8	1 of 40			
	Defective Case	27.9%	12.5%	2.5%			
	Frequency	50/day	30/day	5/day			
APF 2014 State 59 0 2014 Henry Ford Health System, Pathology and Liakonstry Middlere							

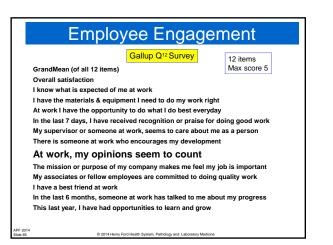


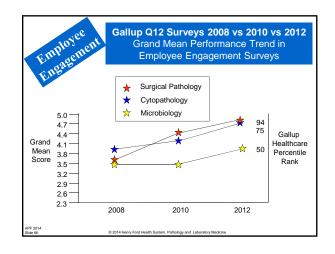


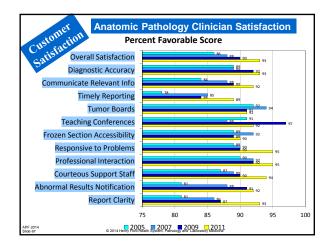


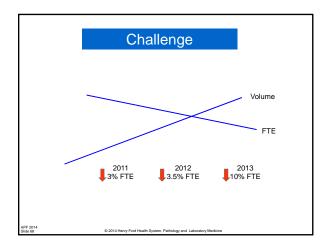


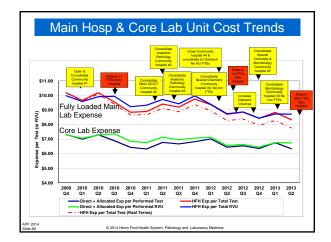




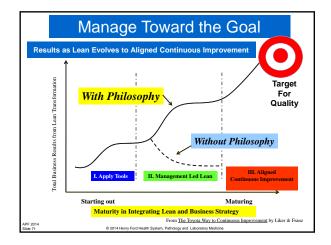


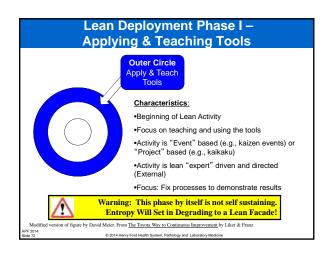


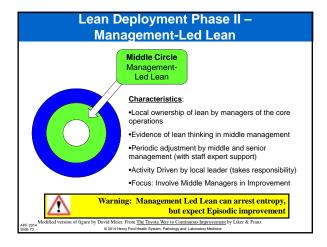


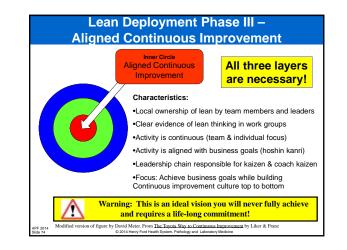


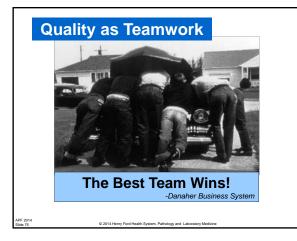












## Failure Points in Lean Adoption

- > Poor leader commitment, engagement, support
- Poor communication of the vision
- >Poor manager buy in and engagement of employees
- >Lack of education and facilitation of employee involvement
- Lack of structure to enable people to work collaboratively

> Persistent silos of control or finance that preclude people from redesigning proper approaches to work

- ➢ Focus on just financial gain
- ➢Persistence of a "blame" culture
- ➤Fear of losing one' s job
- > The usual resistance to change- make the case!

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### **Take Home Messages**

- · Leadership commitment is key. Move beyond tools
- Leaders & Managers Own It or Fail
- · Create management systems and structures
- Communication, effective and often is required
- Empower the worker to voice ideas and develop improvements related to daily problems
- · Customer-Supplier meetings to discuss requirements
- Create a Lean organizational structure so employees have structure to succeed in the new work expectation of continuously improving the work

## The Bottom Line

The real challenge is to expand beyond understanding lean as a set of tools, and more aggressively pursuing an understanding of the comprehensive approach to managing organizations so they are capable of self-diagnosis, learning, and relentless internally generated improvement and innovation. -Steven Spear 2010

