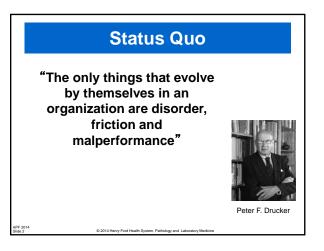
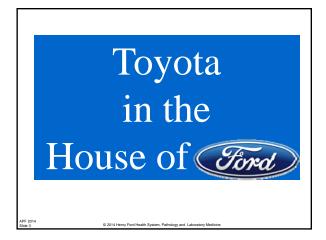
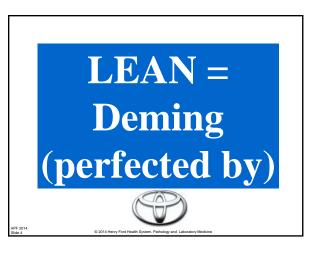
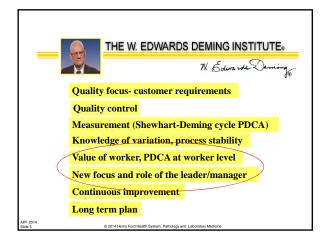
Lean Culture- Strategies for Simplification and Structure: A Sound Vessel to Weather the Healthcare Storm

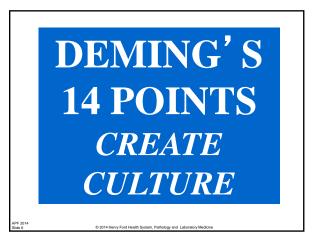




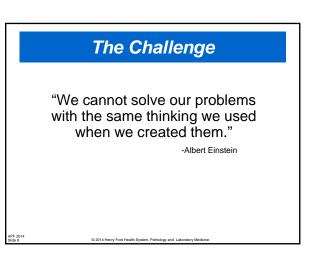




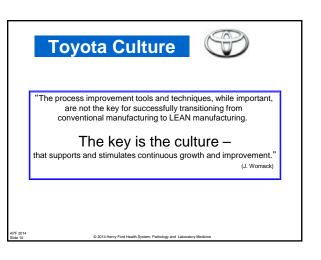




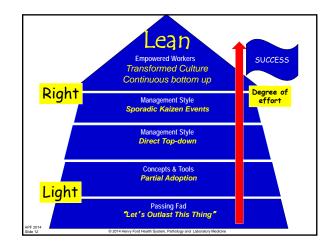








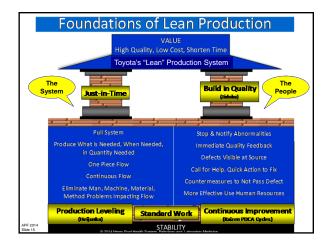
Open Quality Vision, Mission, Values LENRY FORD PRODUCTION SYSTEM • Best in Class • Every Life Deserves World-Class Surgical Services • Culture of continuous improvements • Relentlessly Pursuing Perfection • Culture of worker empowerment for change • Never Make, Accept, or Pass a Defect • Deming management 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

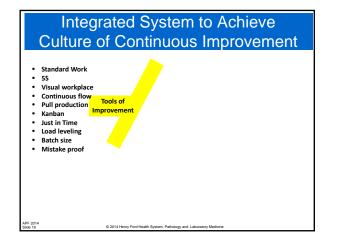
"We know from the changes that have already been brought about that far greater changes are to come, and that therefore we are not performing a single operation as well as it ought to be performed." – Henry Ford

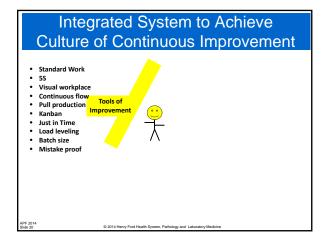


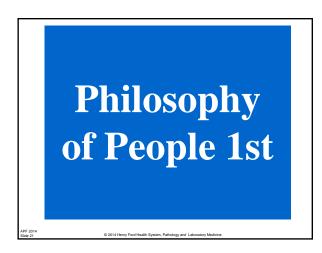


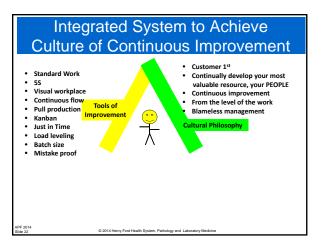
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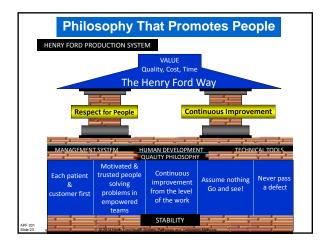
"Start as soon as possible to construct with deliberate speed an organization to guide continual improvement of quality."

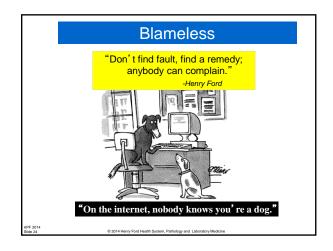




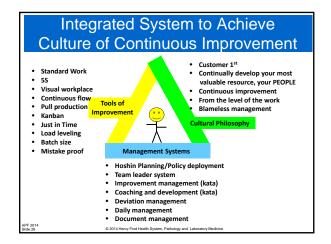


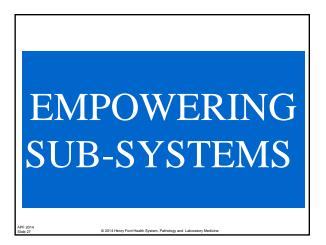


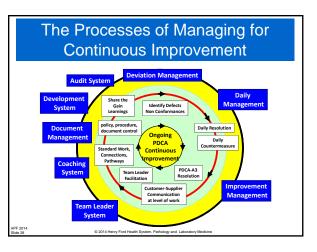


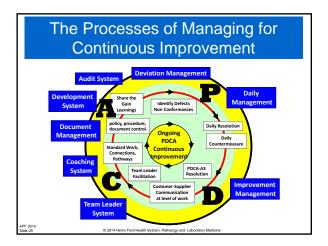


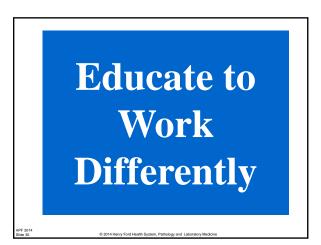








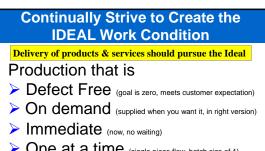




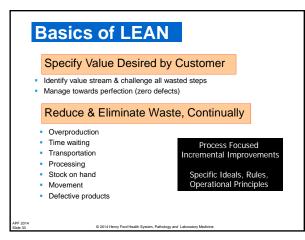
What is my role and what do you want me to do?

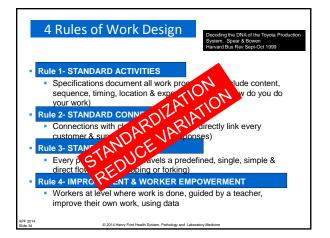
- Physicians, Leaders, Managers, Supervisors, Coordinators
- Quality Team Leaders
- All employees

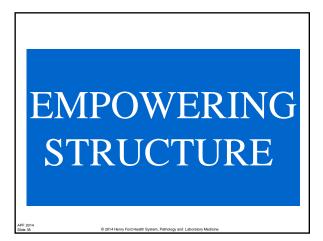
 Be engaged Own it Improve it Everyday
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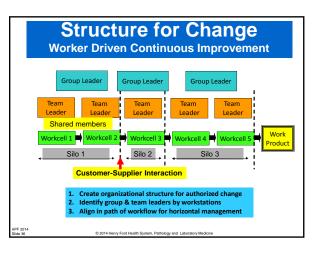


- > One at a time (single piece flow, batch size of 1)
- Continuous flow (no batches, queues)
- Minimal waste (materials, labor, energy, other resources)
- Safely for every employee



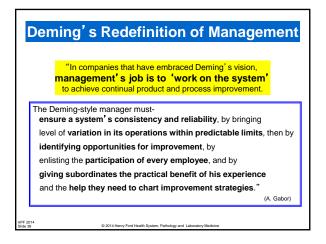








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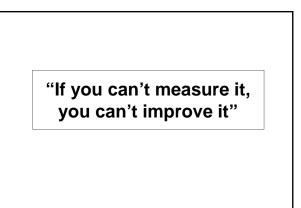


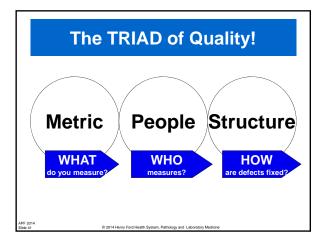
Managers Weekly Checklist

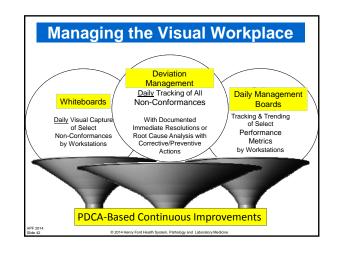
"You get what you inspect not what you expect"

- 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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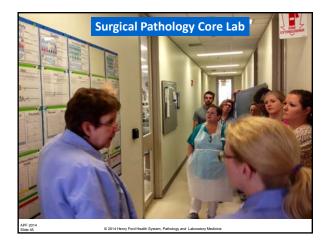


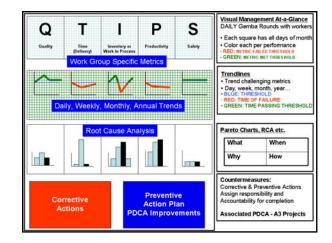


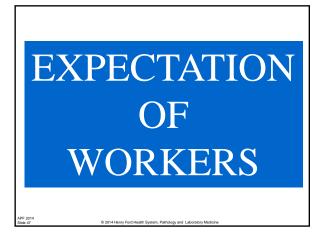


3 Egyme of Wester Velling - westerd time between steps where - process & product multikes	Real Cause	4 Rules of Work Design	MPS Process Improvement Procedure	
novement of realized & products hereproduction - more than reacted here or non-more production taken, work - unnecessary movement of engine more 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)

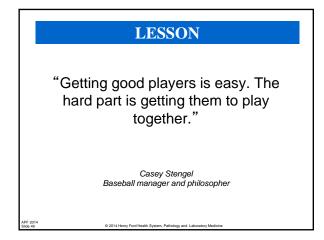


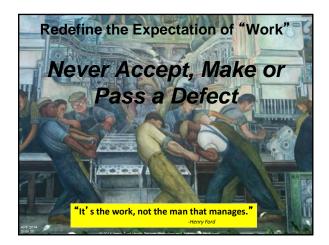






CQI = Daily Team Sport



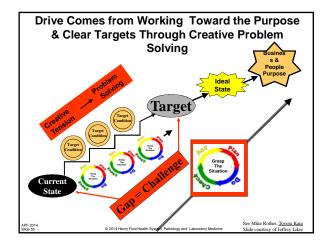


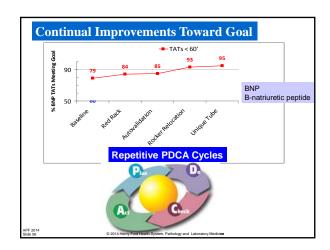


VISUAL WORKPLACE -DEFECTS-BLAMELESS CULTURE





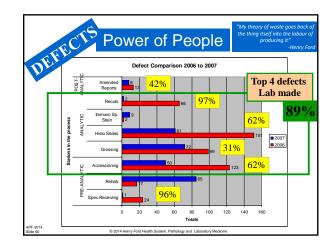


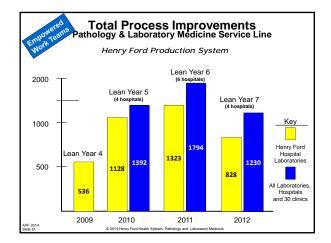


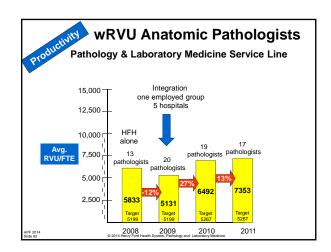


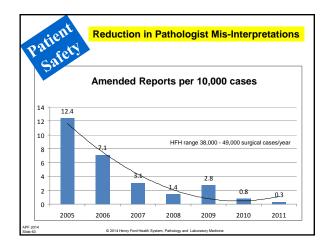


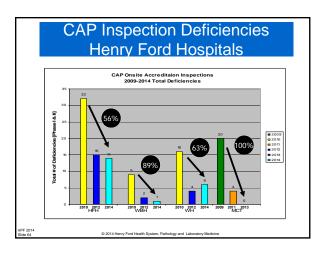
Rew	OTE		Rework	-			
S	00	2006	2007	2008			
	Total SP Cases	1690	1791	1000			
	Cases with Defects	472	223	24	Fix Real-		
	Total Defects	494	288	24	time		
		1 of 3	1 of 8	1 of 40			
	Defective Case	27.9%	12.5%	2.5%			
	Frequency	50/day	30/day	5/day			
APF 2014 State 59 0 2014 Henry Ford Health System,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

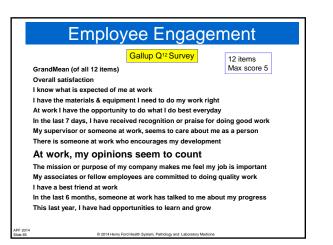


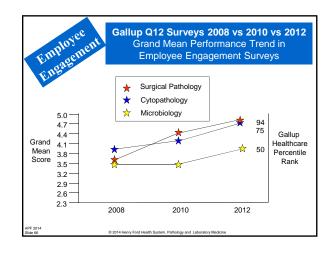


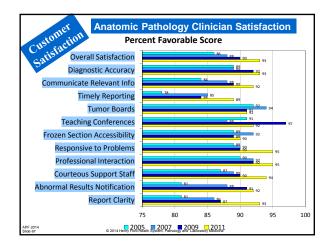


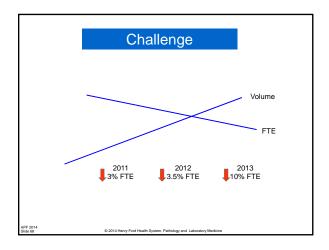


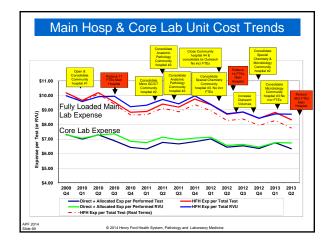




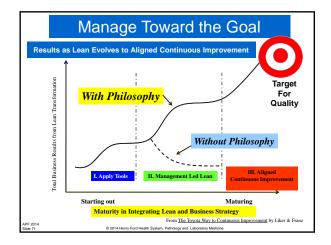


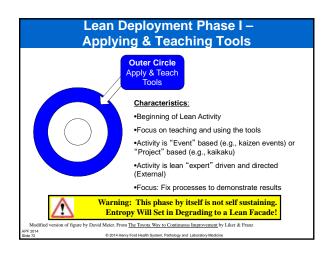


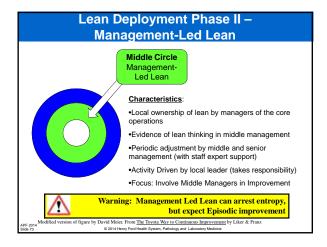


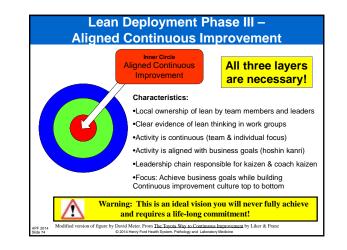














Failure Points in Lean Adoption

- > 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

