Manage with Data Real-time Performance Measures

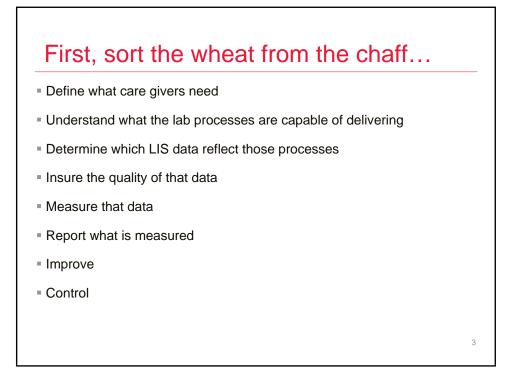
R. Rodney Momcilovic-MT,BS,MBA Consultant ValuMetrix[®] Services

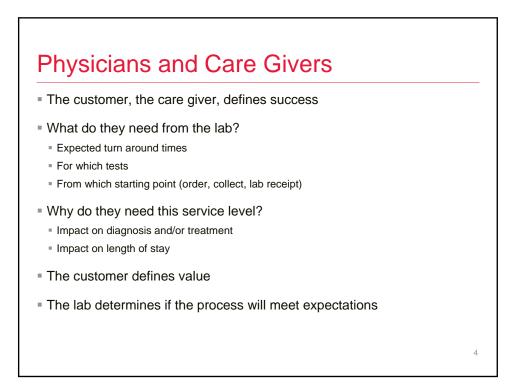
2

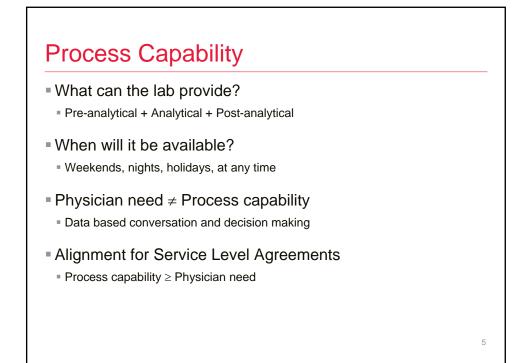
Ortho Clinical Diagnostics a Johnson Johnson company

"We have a lot of data..."

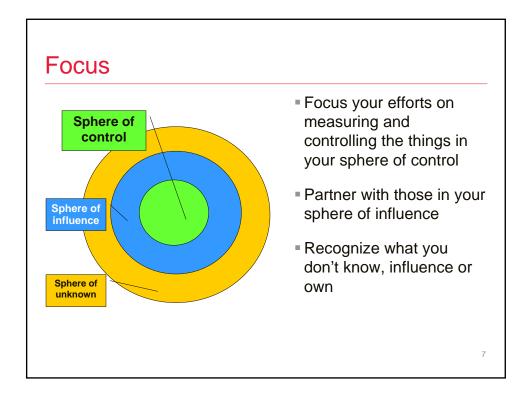
- Numbers and values provide the foundation for laboratory services
- Care givers expect the laboratory to
 - Collect from the right patient
 - Analyze for the right tests
 - Determine the right results
 - Deliver to the right place and at the right time
 - Every time, every patient, every test
- Good thing we have all that data to help us?!?

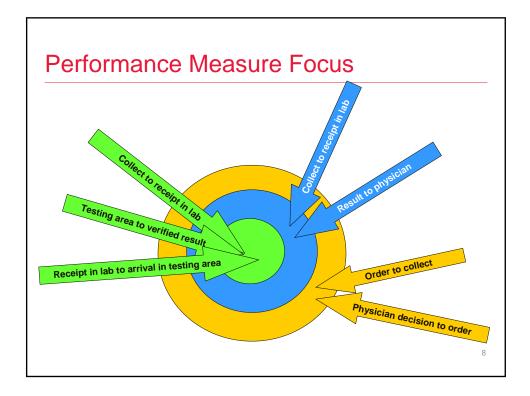


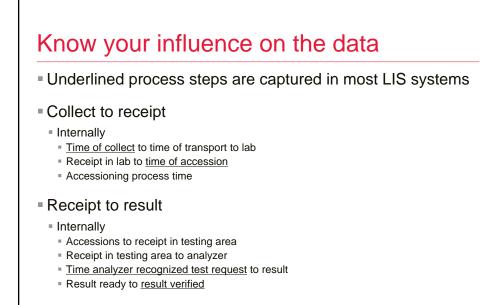


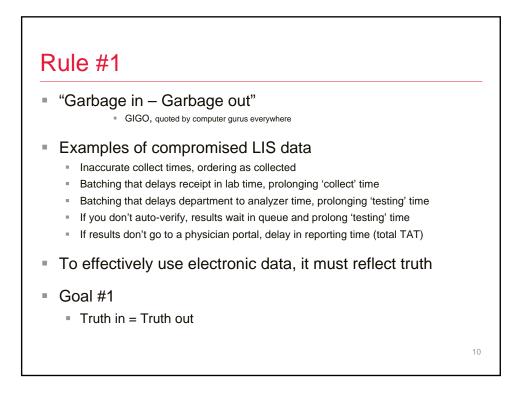














"What gets measured, gets managed."

Dr. Peter Drucker, "the creator and inventor of modern management"

Measure what matters

- Most clinical labs will control their processes and then their TAT with
 - Collect to receipt for lab collection patients
 - Standardization of process steps
 - Control of batch size
 - Maintaining first in, first out specimen control
 - Receipt to result for key analytes, all patients
 - i.e. Potassium, INR, Hemoglobin, Urinalysis, Troponin
 - Key process turn around times, every day
- Goal #2
 - Meaningful measurements

Rule #3

Use meaningful graphs

- 90%, average, run charts, SD, CV, min/max
- By shift, by area, by day

Post the goals and the outcomes

- Back to the care givers
- For the process owners and operators
- Time sensitive must reflect current reality

Investigate only meaningful outliers

- Not predicted outliers (add-ons, clinic collections)
- Goal #3
 - Report the results

11

Rule #4

- "What you permit, you promote."
 - Quint Studer, former hospital president and 20-year health care veteran
- Frequency of measurements = Frequency of improvement opportunities
 - Quarterly measurements mean...
 - Trying to run down what went wrong 3 months ago
 - Not knowing about negative trends for 3 months
 - What is measured no longer reflects what is reality
- Goal #4
 - Frequent and timely measurements driving frequent and powerful improvements

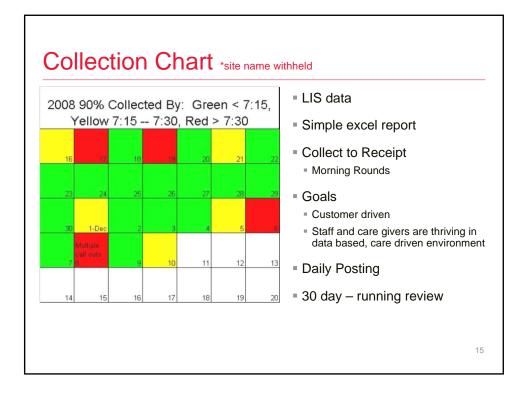
A Tale of Two Laboratories

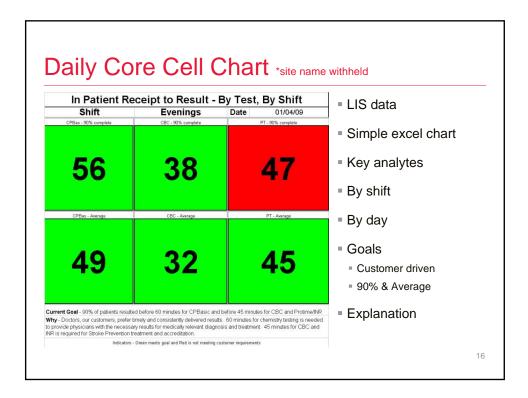
- Different customer needs
- Different process capabilities
- Different charts and graphs

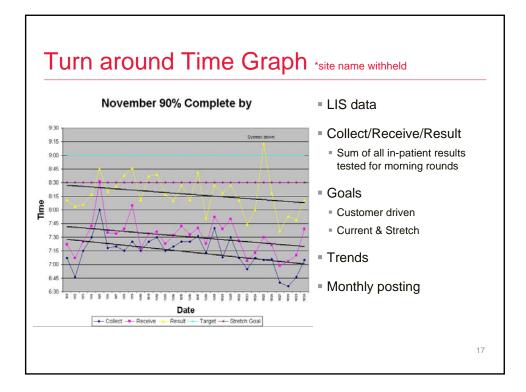
Similar outcomes

- Process understanding
- SLA development and delivery
- Daily and Monthly performance measures
- Data driven process management

13







Collection Chart *site name withheld			
	Morning Collections	January 5, 2009 - all day average	LIS data
ТАТ	15	13	 Simple excel chart Goals Customer driven Morning & Daily averages
# collections	99	252	 Staff and process managers look forward to metrics – in the absence of the data, no process changes are made Volumes
	Goal = 18 minutes or less. Standardized work - Team collections, drawn 1 patient, place in bio bag, collect at team station, send to lab every 4 patients.		Daily Posting
			18

