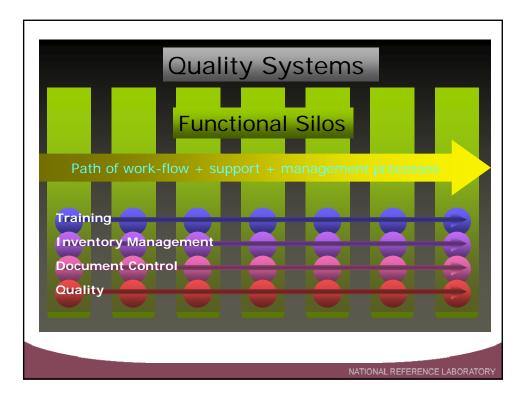


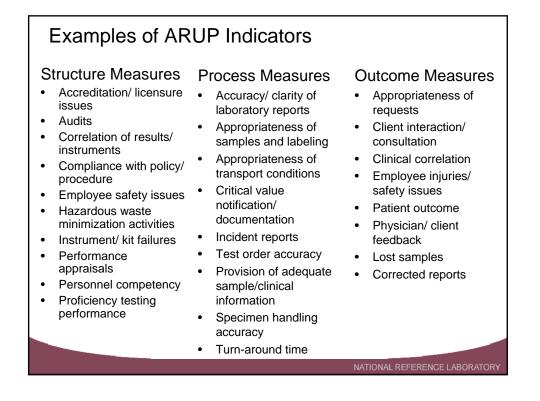
Quality Indicators	1989
 The JCAHO 10-Step Process 1. Assign Responsibility 2. Delineate Scope 3. Identify Key Aspects of Care/Servic 4. Identify Indicators 5. Set Thresholds 6. Monitor 7. Identify Improvement Opportunities 8. Take Action 9. Assess 10. Communicate 	
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	Responsibility
Discovery: Those who own data collection, own the process.	 Medical Director/Director is responsible for all aspects of the departmental indicator monitoring system Manager/Supervisor is responsible for oversight of all division/section quality monitoring activities Quality Specialist is responsible for division quality activities: PT, audits, occurrence reporting, improvement support, QC, indicator monitoring, instrument validation, SOP's.
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	Scope
Discovery: What gets measured, Improves!	 Anatomic Pathology and Oncology/Genetics Business Development Chemistry Quality & Compliance and Safety Human Resources and Institute for Learning R & D and Technology Transfer Immunology Strategic Services and Facilities Infectious Diseases Support Services Transfusion Services IT Systems University Healthcare Clinical Laboratory and Services
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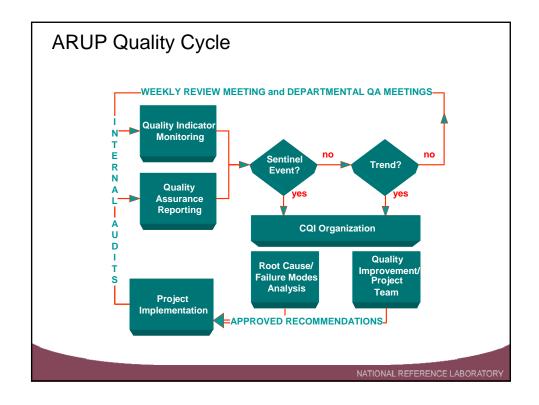
	Identify Indicators
Discovery: The best choices are measurements that are easy, but telling, or are already being measured, but not stratified. Measuring can be expensive; indicators that promise little or no improvement return are poorer choices	 Early Warning Stat testing turn-around time Confirmatory Bench-top cleaning log completion Critical Services First attempt critical result notification success rate Critical Processes Mislabeled specimens by patient care unit Latent Error Number of understaffed shifts Human Behavior Missed test orders by shift Compliance Number of days between competency testing and major error
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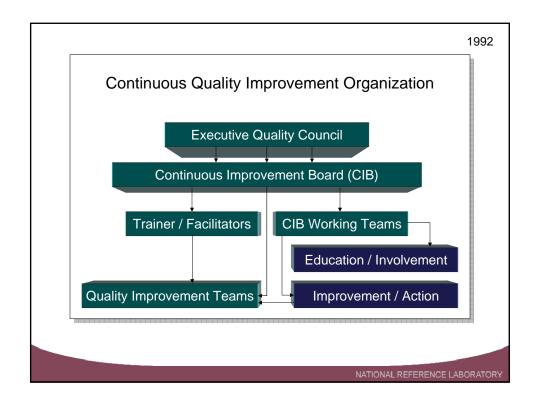


	Set Thresholds
Discovery: Standard denominators and thresholds for key indicators are critical to spreading improvement success	 Use current performance as a baseline and challenge the process. Use organizational goals. Establish criticality (may be 100% is only acceptable threshold). Use benchmarking, other organizations, literature, industry standards (Q-Probes). Use realistic targets.

	Monitor	
Discovery: Anything that touches or has the potential to touch the patient, is an improvement imperative.	 Internal Has the potential to affect product safety, potency and purity, but is caught and corrected before exiting the system. Deviation from standard, norm or established process that does not reach the client or patient. 	<section-header><section-header><list-item><list-item><list-item><list-item><list-item></list-item></list-item></list-item></list-item></list-item></section-header></section-header>
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	Reporting		1990
Discovery: Assigning only one tracking category for each		ient information, clien Iling adjustments follow-up	it information
occurrence report robs the organization of the incentive to fix all but the most obvious unsafe systems	Event #1 Story Dates Category Sub-category Outcome Root cause Severity rating Monitoring department Involved vendor Communication trail	Event #2 Story Dates Category Sub-category Outcome Root cause Severity rating Monitoring department Involved vendor Communication trail	Event #3 Story Dates Category Sub-category Outcome Root cause Severity rating Monitoring department Involved vendor Communication trail
	Summary of	f all discoveries and a	AL REFERENCE LABORATORY





Continuous Improvement Board

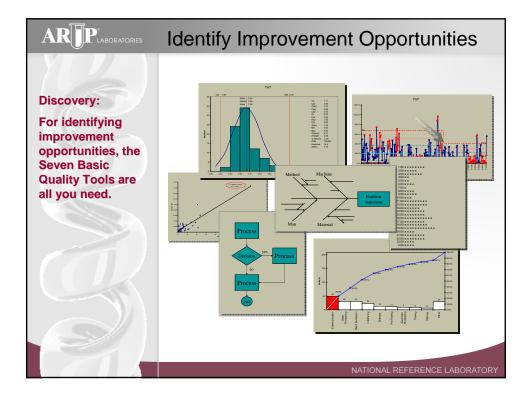
Discovery:

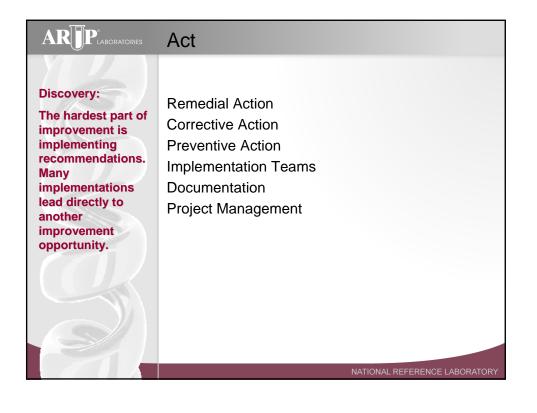
An Improvement Board should be composed of 90% committed members and 10% skeptics. With participation, the skeptics become committed.

- Oversight committee for quality improvement activities Uphold corporate quality philosophy
 - Train workforce members
 - Recognize efforts and reward success
 - Prioritize improvement projects
 - Form and mentor QIT's
 - Support implementation
- Rotating membership ensured broad workforce engagement.

CIB Working Teams Education/Involvement **Discovery:** Improvement Action Recognition QIT Request Throwing a ٠ carnival is Approval Advertising ٠ unparalleled as an Team Formation Training ٠ advertising Team Tracking strategy. Publications Games, executive participation and popcorn are essential.

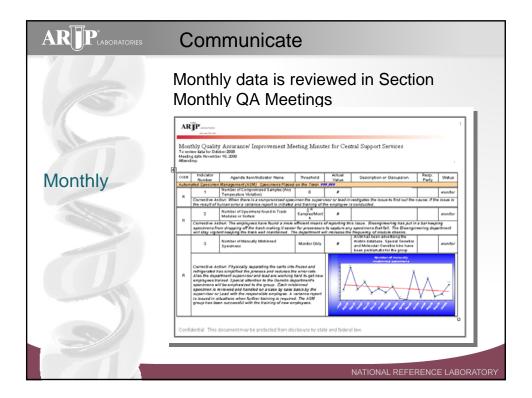


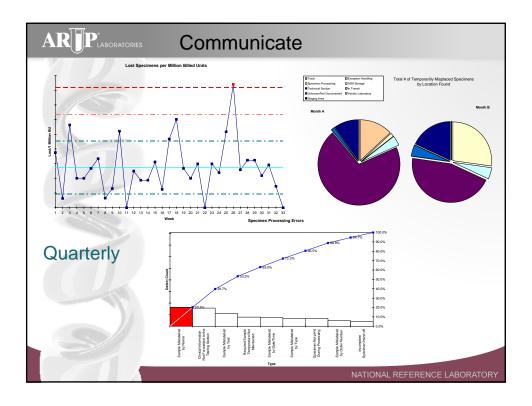




	Assess	1999
Discovery: Using peers from other sections to conduct internal audits spreads best practices and opens lines of communication	 Internal Audits (Examples) Analytical Measurement Corrective Actions Equipment and Process Validation HIPAA Compliance Information Technology Labeling Accuracy Proficiency Testing Record Retention and Archiving SOP's and Document Control Specimen Trackability and Traceability QC and Preventive Maintenance Quality Program Effectiveness Training and Competency 	
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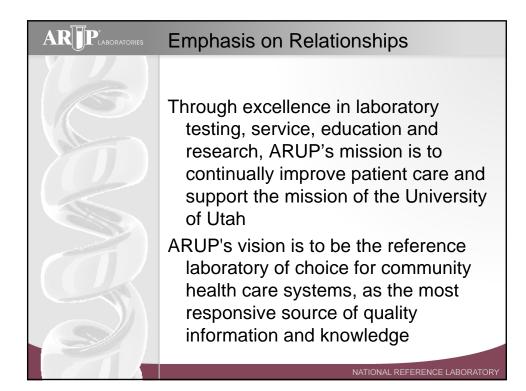
	Communicate
<figure></figure>	 Agenda Scheduled client visits and start-ups and client visit reports Compliments and successes, shared practices Discussion of significant issues from the previous week Client focus for selected clients or client groups Graphical displays of data trends Performance over time for outcomes (misplaced samples, amended reports and significant issues) A 10-week moving window for selected processes Client trends
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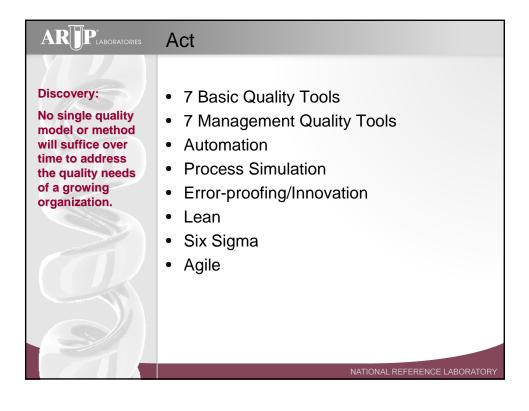




	unicate		
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ndicator Effectivenes	s Counts		
Number of indicators where	Improve	Measure	Measure
monitoring was			
I.			

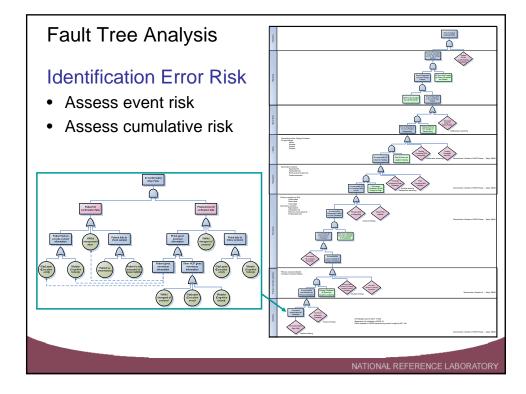
	Communicate with	Customers
Discovery: Transparency promotes collaboration and sharing. Pairing the ARUP QA report with the client Exception report provides a clearer picture of quality than one or the other alone	A Section 2012 A	NET CLEAR TEACHTON REPORT AND CLEAR TEACHTON REPORT REPORTING FRENCE (Jan) (19) REPORTING FRENCE (JAN) (19) REPORT
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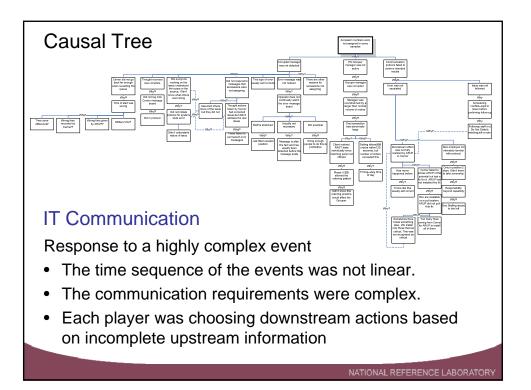


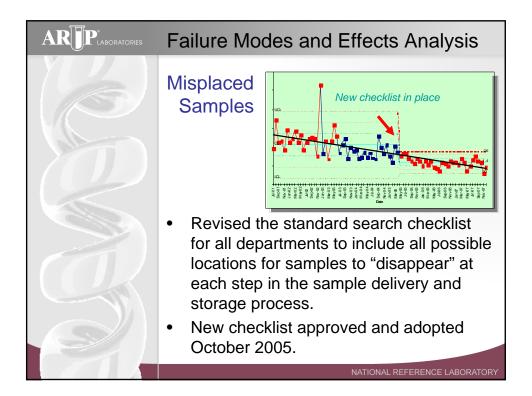


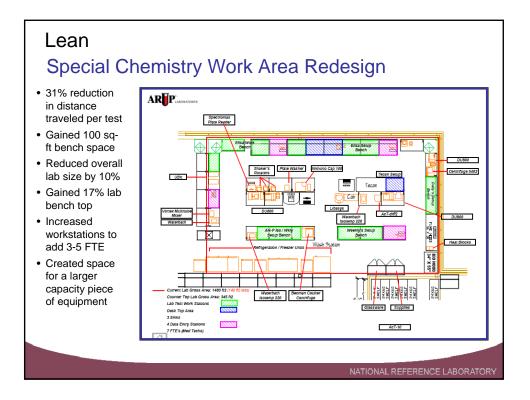
Automation
 ARUP's automation initiative develops, implements and integrates systems, instruments and applications. Expert Specimen Processing Image Management Automated Core Laboratory testing platform Track delivery Automated Specimen Management Automated Endocrinology testing platform Shipment Tracking Thawing and Mixing Work Cell
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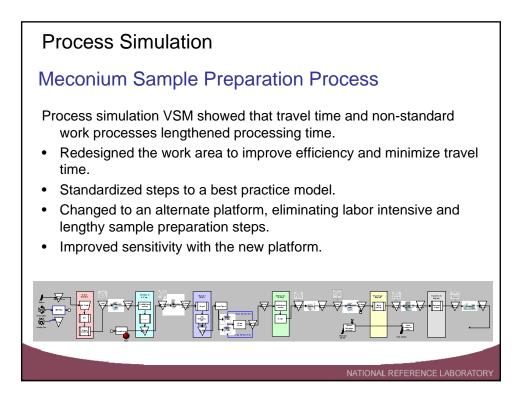


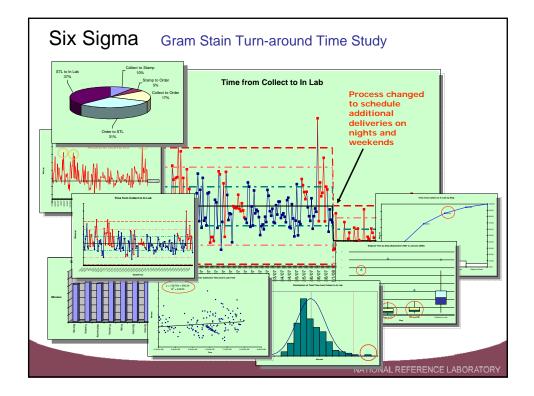


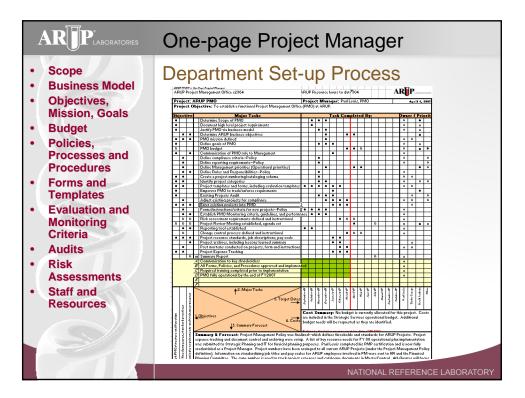


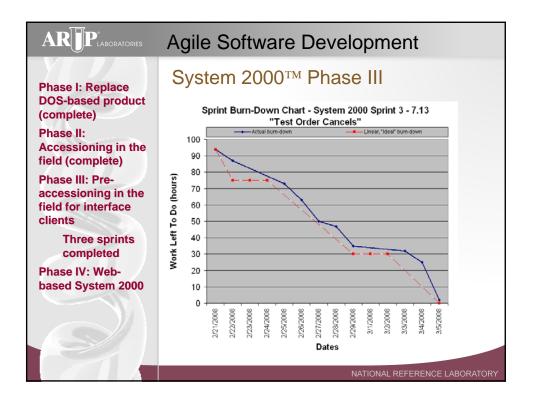


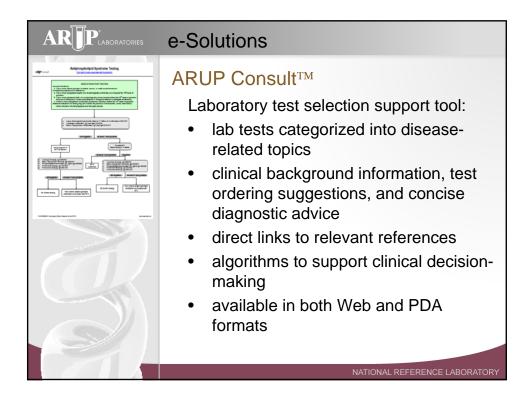












	Quality Plan	2004
Discovery: Most organizations operate from an internalized Quality Plan. That was the case with ARUP. Putting the Plan in writing wasn't so daunting as we imagined.	Quality Systems Organization Staff & Resources Equipment & Supplies Purchasing & Inventory Contract Management Product Development Process Control Documents & Records Information Management Occurrence Management Assessments & Compliance Process Improvement Service and Satisfaction Facilities and Safety	
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