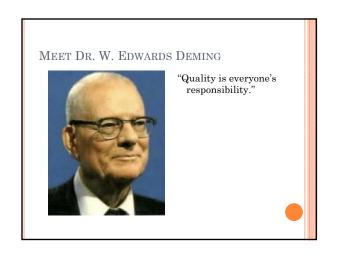
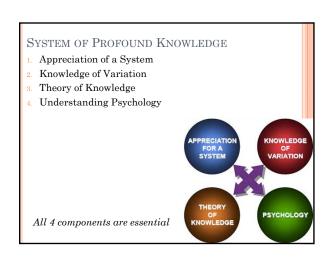


OBJECTIVES OBJECTIVES Briefly orient to quality improvement (QI) theory and goals Describe application of QI tools when preparing for CSC certification Discuss importance of team leadership and composition Apply CSC projects to QI methodologies









"A system is a network of interdependent components that work together the accomplish an aim."

- o No Aim, no System
- Interdependent means the component parts of the system must be worked on collectively to make a change in the outcome
- Systems generally have a surface that we interact with and a substructure that we don't easily perceive

2. KNOWLEDGE OF VARIATION

"Life is variation. Variation there will always be, between people, in output, in service, in product. What is the variation trying to tell us about the process and the people that work in it?"



3. Theory of Knowledge

"Without theory, there is no knowledge"

Application of the scientific method is key to improving processes.

- Formulate the hypothesis and a method of testing it (PLAN)
- 2. Test the hypothesis (DO)
- 3. Determine if sufficient or in need of revision (STUDY)
- Adopt or revise and restest (ACT)



4. Understanding Psychology

"People are born with a natural inclination to learn. Learning is a source of innovation. Good management helps us to nurture and preserve these positive innate attributes of people."

PSYCHOLOGY

Basics of Self Determination Theory

I feel best when:

- I am part of a team, part of something bigger than myself - Relatedness
 Driven
- I am doing a really good job, at peak performance **Competency Driven**
- I am in control of my own destiny, a decision maker – Autonomy Driven



And so...

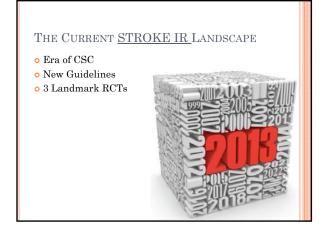
"Understanding of profound knowledge will lead to transformation of management. Transformation in any organization will take place under a leader. How may he accomplish transformation? First, he has a theory. Second, he feels compelled to accomplish the transformation. Third, he is a practical man. He has a plan, step by step."

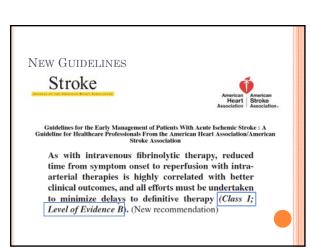
Let's move on to the plan



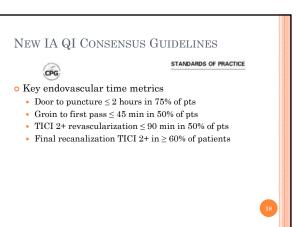
IDENTIFYING QI PROJECTS

- OData collection & analysis
- ODashboards:
 - Ischemic and Hemorrhagic Stroke
 - Target Stroke
- •Peer review
- Public Reporting

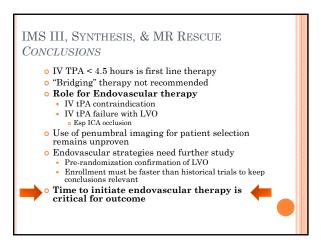


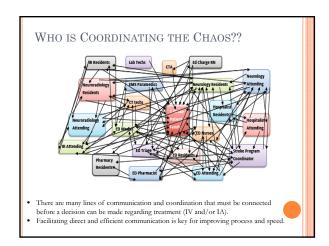


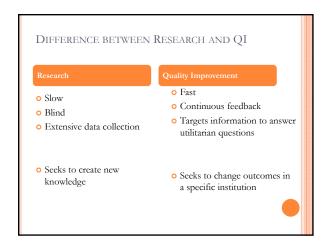
NEW IA QI CONSENSUS GUIDELINES STANDARDS OF PRACTICE Multisociety Consensus Quality Improvement Guidelines for Intraarterial Catheter-directed Treatment of Acute Ischemic Stroke, from the American Society of Neuroradiology, Canadian Interventional Radiology Association, Cardiovascular and Interventional Radiological Society of Europe, Society for Cardiovascular Angiography and Interventions, Society of Interventional Radiology, Society of NeuroInterventional Surgery, European Society of Minimally Invasive Neurological Therapy, and Society of Vascular and Interventional Neurology David Sacks, MO, Ceaf M. Black, MO, Christophe Cognard, MD, Jaho J, Cornors IR, MO, Donald Fels, MO, Black Demes, MO, Divider G, John, MO, Stypen Klack, MO, Phillip M. Mayers, MD, Klern J, M. Stephen Reme, MD, David A, Riferaddy, MO, MJ, Bernadette Stallmayer, MD, PhD, and Dierk Vorwerk, MD

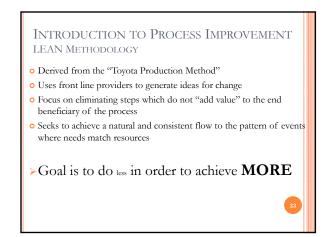


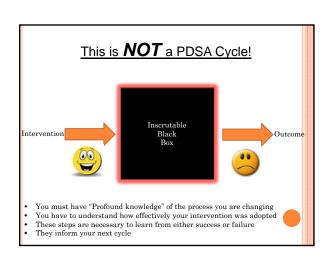


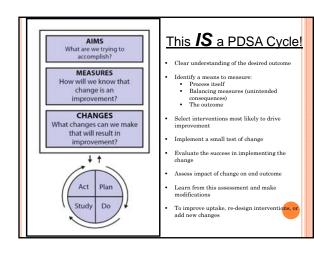


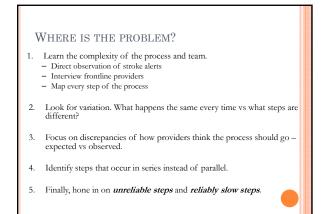


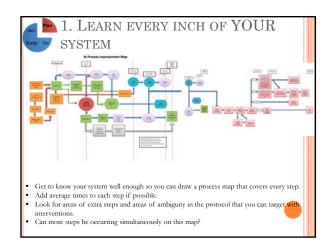


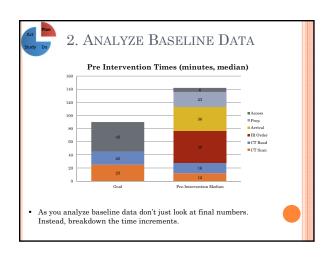


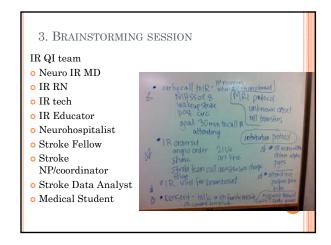


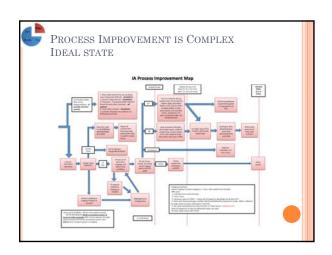












PROPOSED INTERVENTIONS • After brainstorming a long list of interventions, you may quickly realize the you have 2 lists. • The 2 lists give you a hunch that you will likely have more than 1 PDSA cycle! Hard to implement. Met resistance. Easy to implement. Met little resistance.

STAKE-HOLDER BUY-IN • Who are your stakeholders when you want to achieve change in stroke response systems? • What is your mechanism to reach them? • Do they believe change is needed? • Are they threatened by change?

