

AMERICAN CONFERENCE ON PHYSICIAN HEALTH







Disclosures

Conflict of interest: CommunifyHealth.





Application of Best Practices from High Reliability Organizations to Advance Overall Wellness of Providers

Description of the workshop:

The goal of this workshop is to improve overall wellness of providers through application of formal human factors and barriers management principles to improve patient safety and care delivery processes.

Learning objectives:

- To develop care delivery processes using barriers management principles, which are defined as the associated process steps, safeguards, and safety barriers.
- Apply human factors engineering and Lean thinking for problem solving to spearhead continuous quality improvement efforts.



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Developing Your Interventions A3 Report for Problem Solving



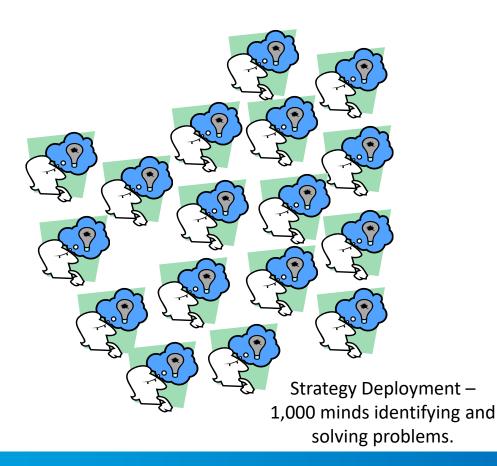


Long Term Vision





Soviet Style Planning/ Problem
Solving – a few minds telling
the workers what to do and
how to do it.





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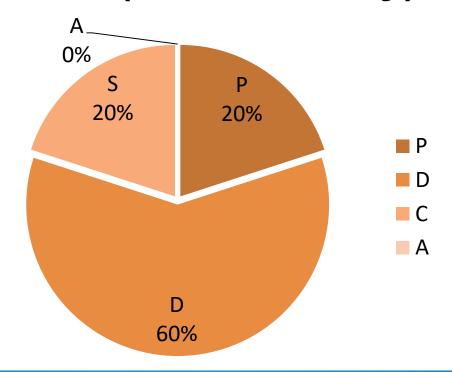
What is CQI?

- Continuous improvement means steadily improving each <u>person's</u> ability to:
 - Recognize and define important problems (Plan (P))
 - Solve them (Do (D))
 - Learn from the problem-solving (Study (S))
 - Share the learning with others (Act (A))
- Basic Model: PDSA



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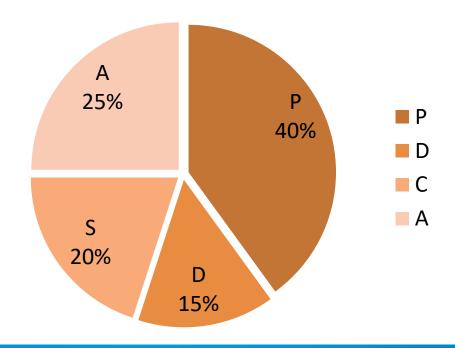
PDSA in Practice (unfortunately)







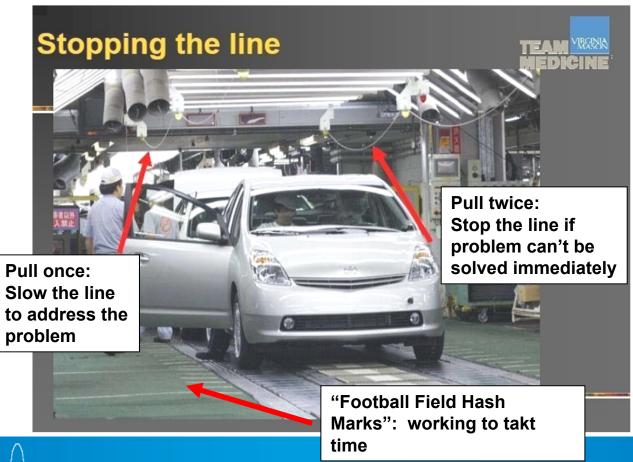
PDSA – The A3 way



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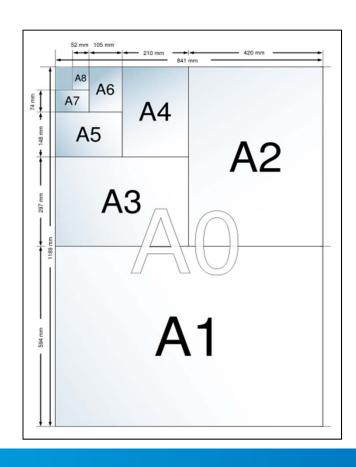




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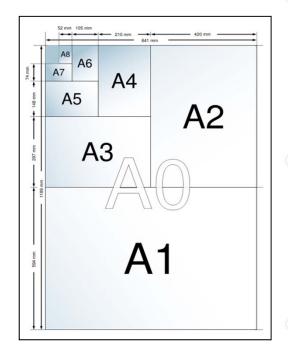
What is A3?

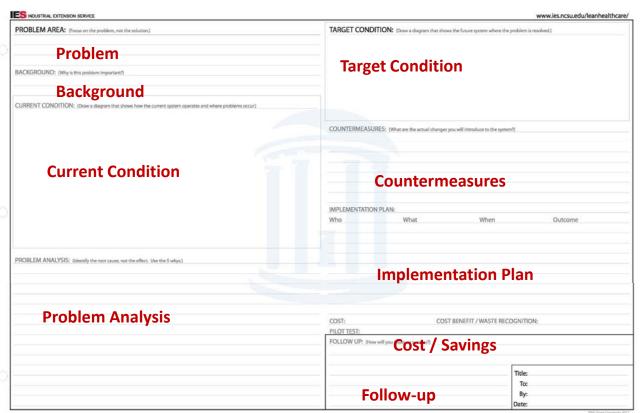
- A3 is a paper size an International/European paper size established by the International Standards Organization (ISO)
- It measures 297 x 420 millimeters, or equivalent to 11.69 x 16.54 inches





A3 Document







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Why 1 page report?

- Forces deeper understanding to express ideas clearly and briefly.
- Greater efficiency -each report will be written once, but read many times.
- Short reports allows distribution to all affected and the expectation that they actually read it.





Elements of A3 Thinking

- Objectivity
- Logical thinking process
- Visualization





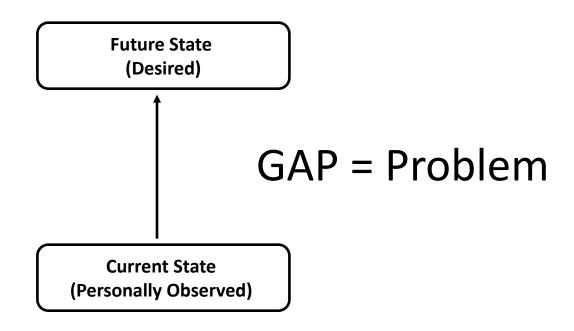
What is a "Problem"?





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A3 way...





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What is "Solving"?

Solution
vs
Countermeasures
(A3 way)







Plan (P)

- Current State: observe problem or issue first-hand
- Problem Analysis: ascertain the root cause(s)
 - -5 Why's
 - Fish and bone diagram
- Future State: establish goals or targets
- Generate Countermeasures
- Create implementation plan
- Create follow-up plan
- Discuss with all others affected!!!





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Do (D)

- Execute the implementation plan (Kaizen if possible)
- View as an experiment to test your working countermeasures (hypothesis)





Study (S)

- Measure the effects to determine whether problem or issue was satisfactory addressed
- Compare to goal or target
- Is your hypothesis confirmed?





Act (A)

- If target met:
 - How should the work routines, design guidelines, etc. change?
 - Who else could benefit from this learning?
- If target not met:
 - Make adjustments using PDSA.

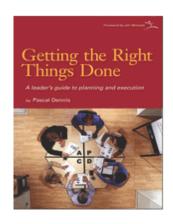


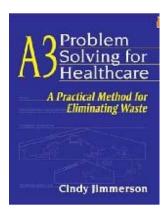
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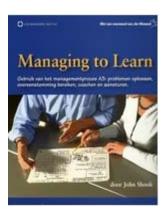
Slide title

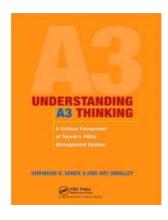


Additional Resources











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Exercise:

- Initiate your 'first' A3 (15min)
 - Your process map
 - Submitted good catch
- Share it (5min each)





