

# ImproveCareNow: Expanding on a Decade of Learning

Wallace Crandall, MD



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## Disclosures

I'm horribly conflicted:

- Abbott (speaking, consulting)
- Avaxia (consulting)
- Nestle (consulting)
- AbbVie (research)
- ImproveCareNow (travel)**

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## Objectives

1. Review some of the ICN accomplishments to date (improved clinical remission)
2. Understand limitations of the current work (what does improved clinical remission really mean?)
3. Consider important future directions for QI (is this just about IBD?)

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**50%**

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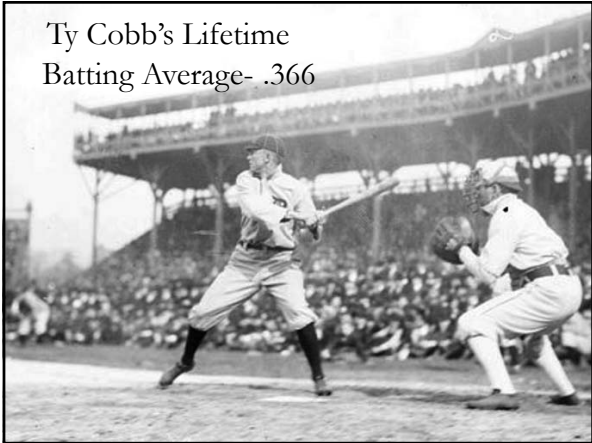
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Ty Cobb's Lifetime  
Batting Average- .366



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50%

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SPECIAL ARTICLE

The Quality of Health Care Delivered to Adults  
in the United States

Elizabeth A. McGlynn, Ph.D., Steven M. Asch, M.D., M.P.H., John Adams, Ph.D.,  
Joan Keeseey, B.A., Jennifer Hicks, M.P.H., Ph.D., Alison DeCristofaro, M.P.H.,  
and Eve A. Kerr, M.D., M.P.H.

Only 55% of recommended  
care was received

McGlynn EA et al. *N Engl J Med* 2003;348:2635-45

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SPECIAL ARTICLE

The Quality of Ambulatory Care  
Delivered to Children in the United States

Rita Mangione-Smith, M.D., M.P.H., Alison H. DeCristofaro, M.P.H.,  
Claude M. Setodji, Ph.D., Joan Keeseey, B.A., David J. Klein, M.S., John L. Adams, Ph.D.,  
Mark A. Schuster, M.D., Ph.D., and Elizabeth A. McGlynn, Ph.D.

“Deficits in the quality of care provided to  
children appear to be similar in magnitude to  
those previously reported for adults.”

Mangione-Smith et al. *N Engl J Med* 2007;357 (15):1512-23

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“...QI work is an **ethical imperative** because it supports clinically effective care, prevents harm, and allows for the just allocation of resources...”

Pedro Weislender, MD, PhD

Director, The Center for Pediatric Bioethics at Nationwide Children’s Hospital

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730 Pediatric Gastroenterologists  
 130,000 Patient Visits  
 \$31 Million Federal Grants

**ImproveCareNow:  
 By the Numbers**

79% Clinical Remission  
 82 Centers      23,400 Patients

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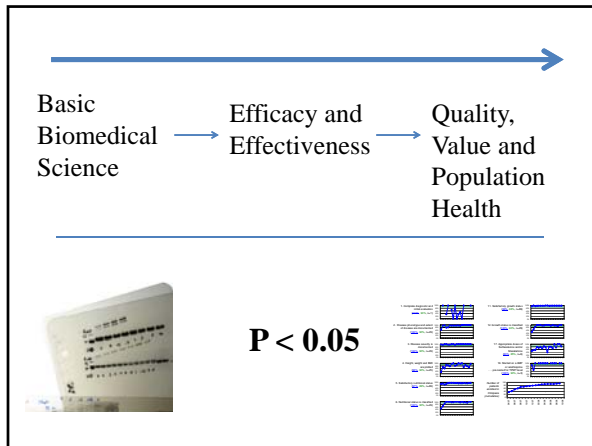
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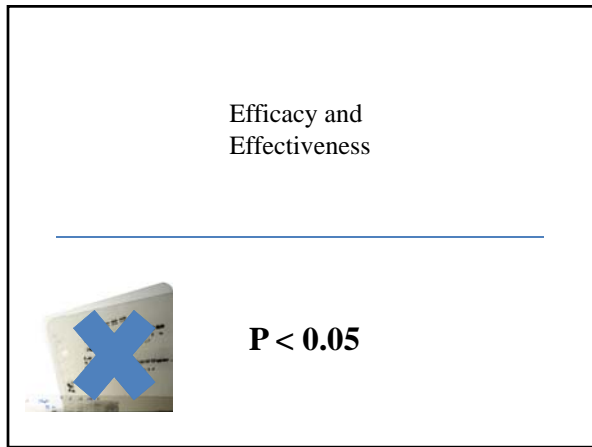
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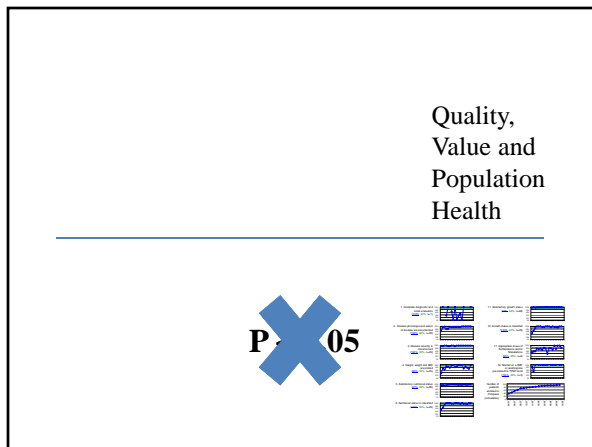
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## #1 Use the **Right Tools**



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## #2 **Understand Your Data**



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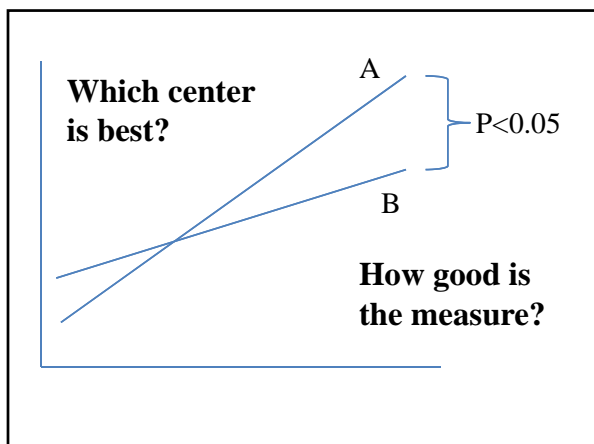
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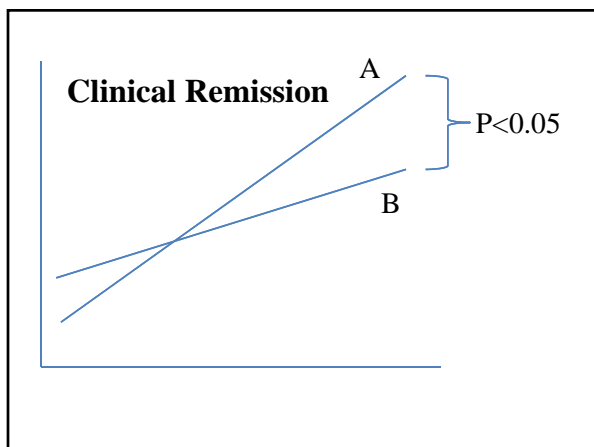
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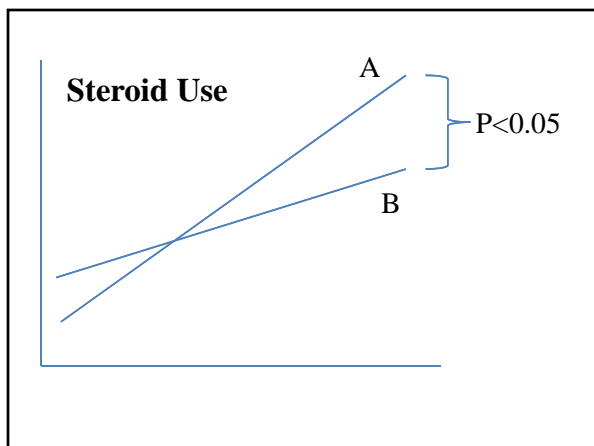
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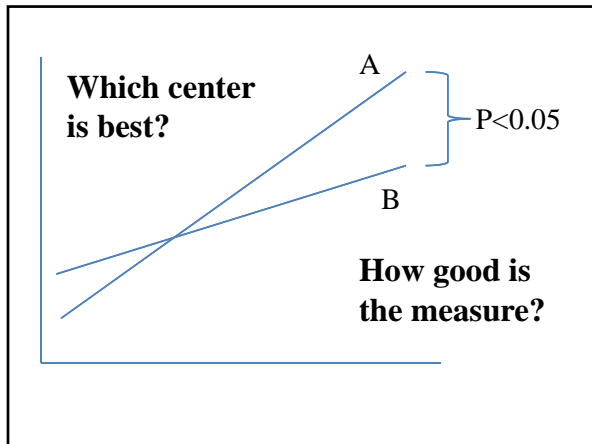


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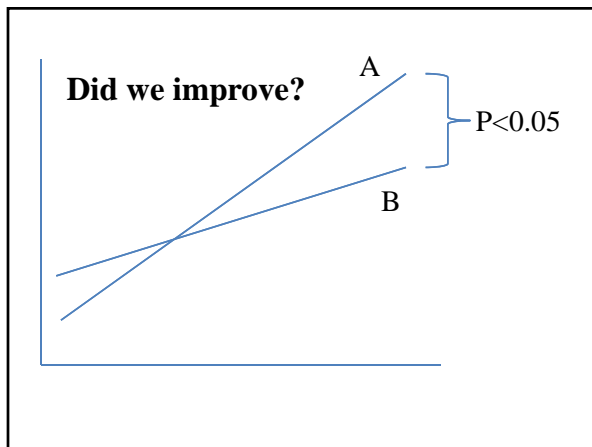
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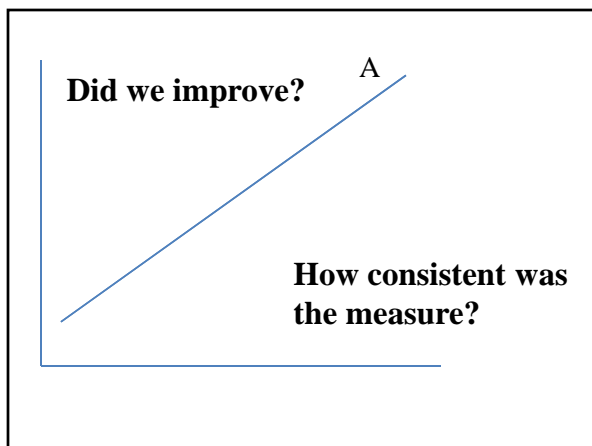
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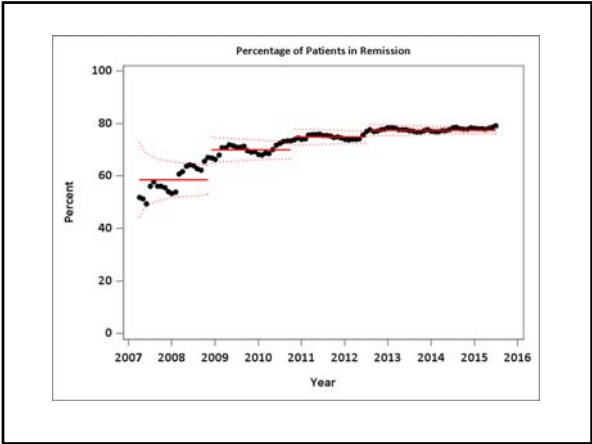
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## #2 Understand Your Data

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## #3 Learn From Your Data

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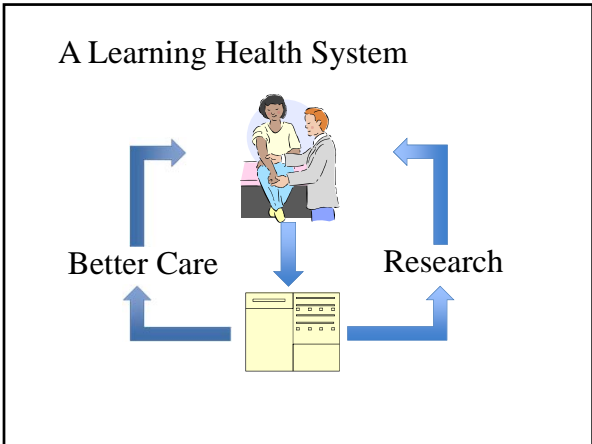
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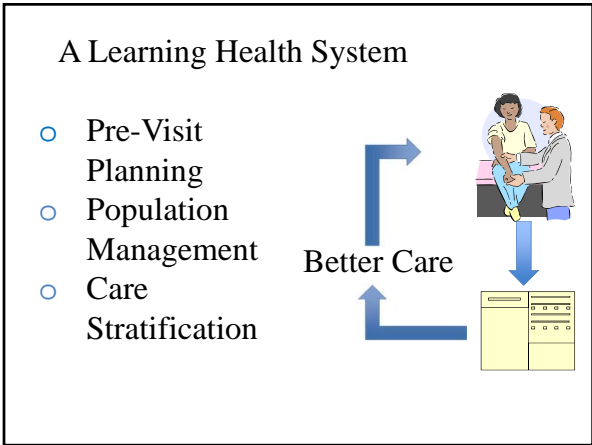
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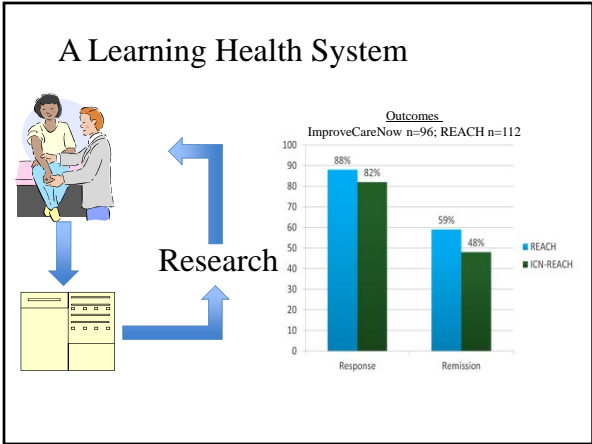
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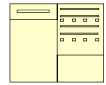
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## A Learning Health System



Research

1. American Board of Pediatrics
2. Collaborative Chronic Care Network Project. NIH Transformative research award NIDDK R01DK085719
3. Enhanced registries project. AHRQ R01HS020024
4. Enhanced registries continuation AHRQ R01HS022974-01
5. Center for Education and Research in Therapeutics U19HS021114-04
6. Patient Powered Research Network PCORI PPRN-1306-01754

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## A Learning Health System



Better Care

Research



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## #3 Learn From Your Data



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# #4 Expand Your Reach




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## Cure Me Progress Map

Project	Baseline data	Early results
1. Adolescent med - MATA Program		
2. Behavioral Health - Treatment of depression		
3. Heart Center - Hospital days in Single ventricle patients		
4. ENT - Tracheostomy Care Index		
5. Gastroenterology - IBD patients in remission		
6. Gastroenterology - Celiac Patients in remission		
7. Hematology/Oncology - Cancer Care Index		
8. Infectious disease - Hospital days for pneumonia patients		
9. Neonatology - BPD in main campus NICUs		
10. Nephrology - Chronic Kidney Disease Care Index		
11. Neurology - Total hospital days for epilepsy		
12. PICU - Sepsis		
13. Pulmonary - Total hospital days for asthma cohort		
14. Pediatric Surgery - Missed school days-appendicitis patients		
15. Endocrine - HgB A1c levels in adolescent DM patients		

Complete/Improving

No change

Worsening

Not yet done

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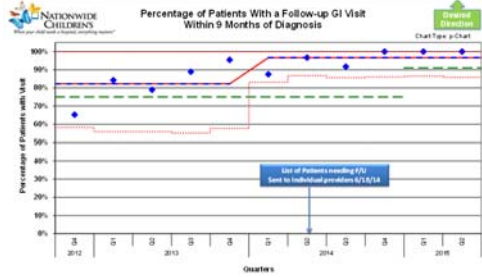
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## Celiac Disease



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## #4 Expand Your Reach



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## #5 Do the Impossible



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“ICN has quietly worked to accomplish what many in healthcare continue to assume is impossible. They have created a true working partnership between provider and patient/family and researcher, one which offers genuine authority to the patient and family...”



Carolyn Wong Simpkins, MD, PhD  
Global Lead, BMJ Outcomes  
Clinical Director, BMJ North America

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Tania Moon  
Parent Mentor  
QI Team Member  
Leader of ICN  
National Parent  
Group  
ICN Board of  
Directors

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## #5 Do the Impossible



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**50%**

“...QI work is an **ethical imperative...**”

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Summary

Use the right tools

Understand your data

Learn from your data

Expand your reach

Do the impossible



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