

“Colorectal SSI Prevention Takes a Team”

**Maggie Braun, BSN, RN, CNOR - Professional
Development Coordinator Surgery Services**

**Carrie Johnson, BSN, RN, CIC - Manager, Infection
Prevention**

**Gregory Van Winkle, MD - Medical Quality Safety
Officer,**

Froedtert and the Medical College of
Wisconsin Community Hospital Division

SEPTEMBER 21, 2018

Froedtert

The Task

Reduce Healthcare Associated
Colon Surgical Site Infections

**Enhance Pre-
Operative**

**Intra-Operative
Best Practice**

**Post Operative
Best Practice**

**Causal
Identification**

Implementing Takes a Team



Reference: <https://balancedaction.me/2012/10/17/the-jar-of-life-first-things-first/>

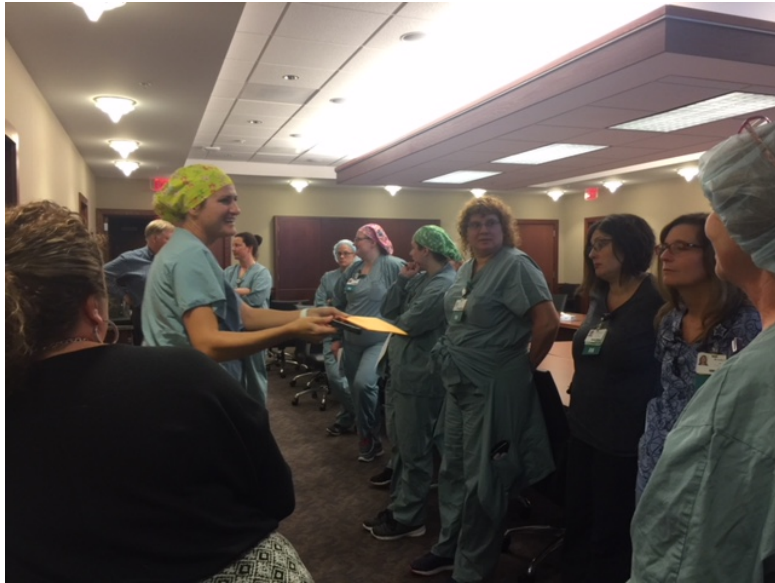
The Jar

- Base, Infection prevention and Quality
 - Data
 - Score Cards
- Side, work group made of frontline staff
- Mouth, Chairs of the committee
 - Medical
 - Nursing



Reference: <https://balancedaction.me/2012/10/17/the-jar-of-life-first-things-first/>

The Team

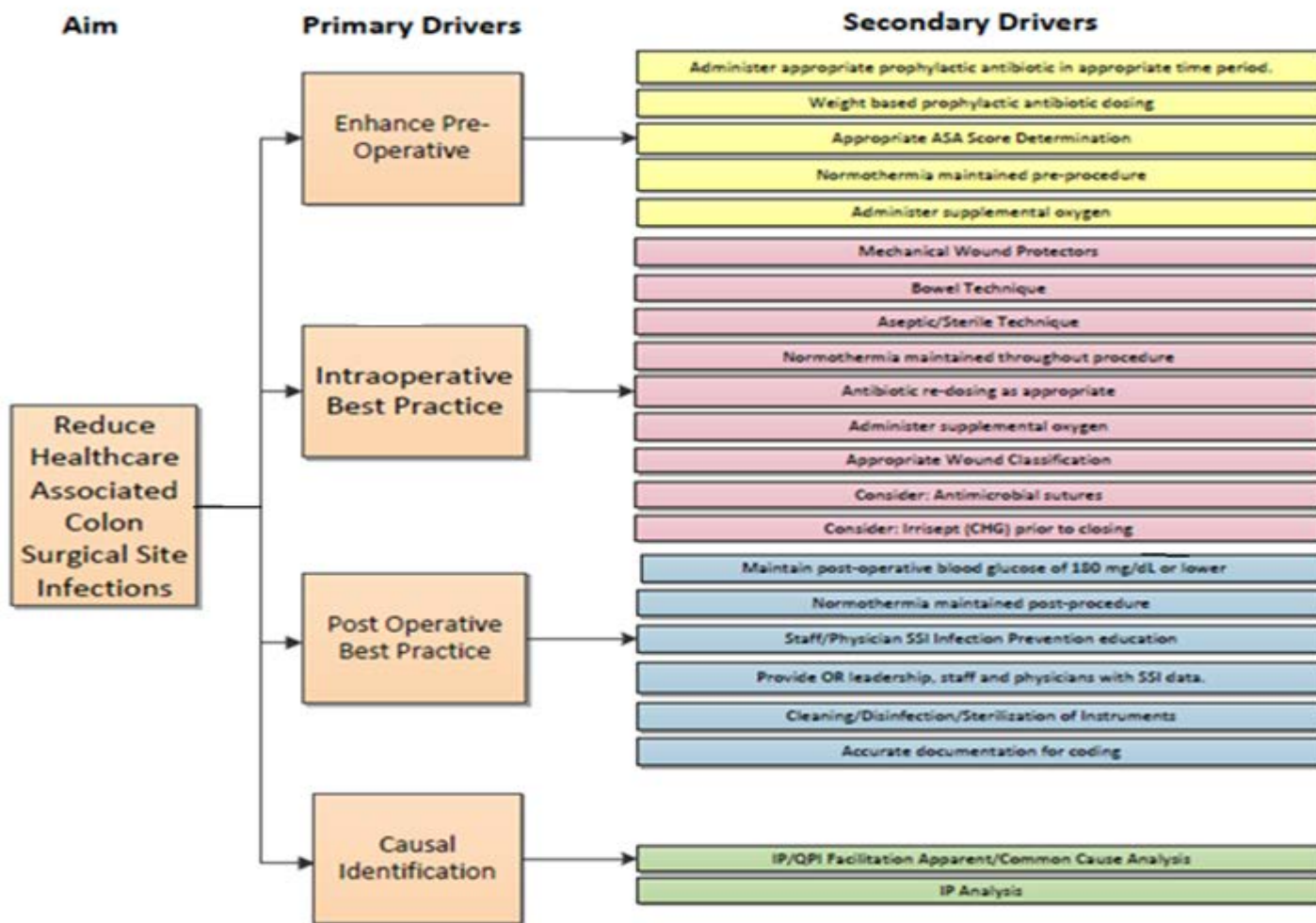


Filling the jar...

- Best practices
- Driver diagram
 - Developed by the team

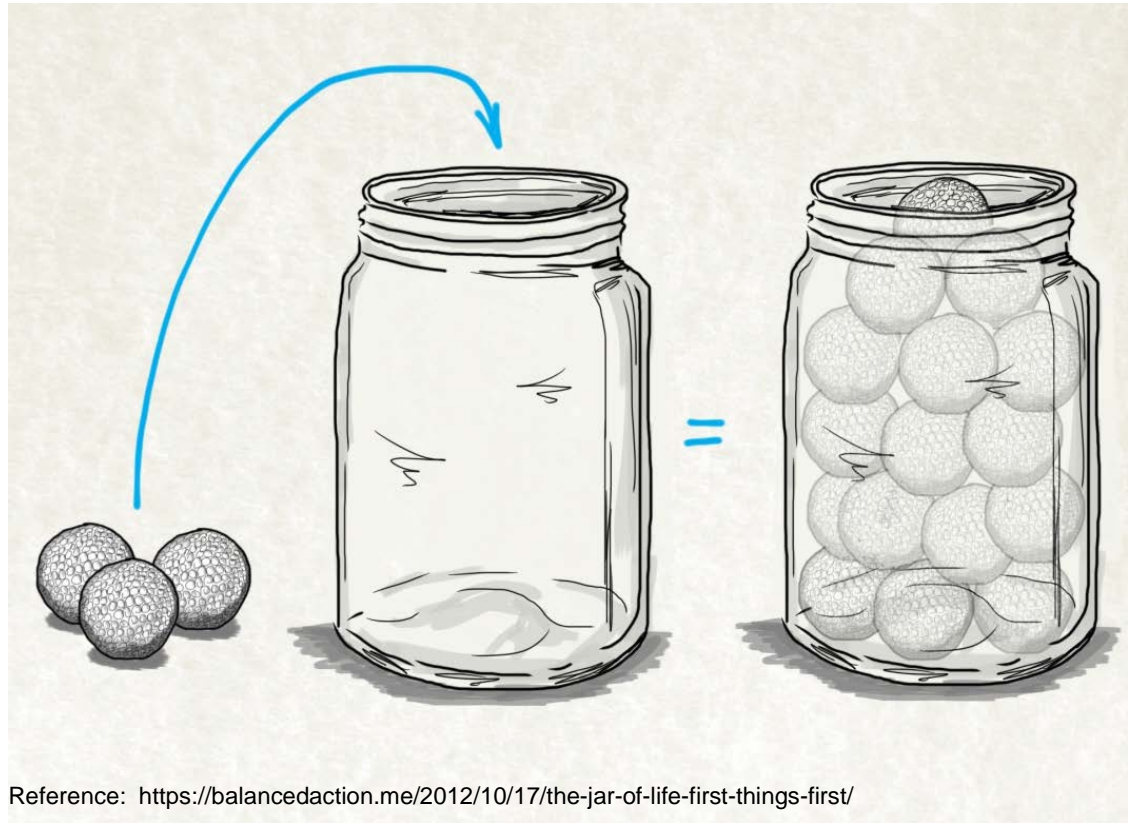


Driver Diagram



Golf Balls

- Best practices
- Driver diagram
 - Developed by the team



Reference: <https://balancedaction.me/2012/10/17/the-jar-of-life-first-things-first/>

Tactic

A Pick chart



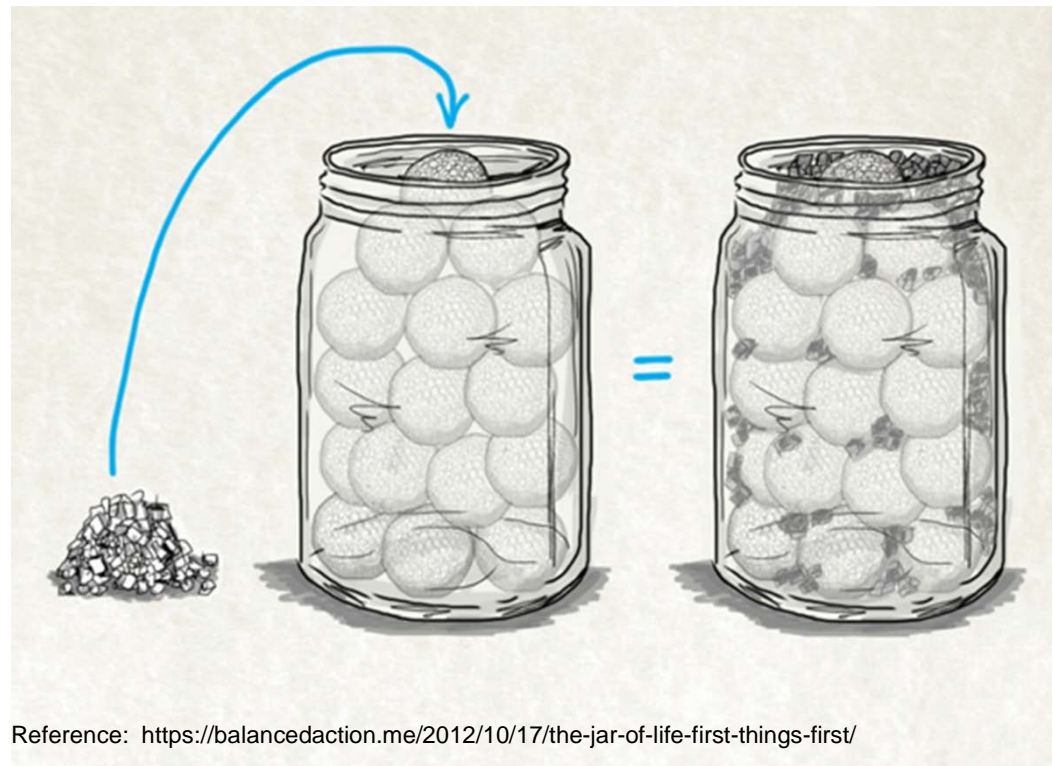
Is the Jar Full?



Reference: <https://balancedaction.me/2012/10/17/the-jar-of-life-first-things-first/>

Gravel/Pebbles

- The other important things
- Translation evidence into practice
 - Surgeons
 - Staff



Reference: <https://balancedaction.me/2012/10/17/the-jar-of-life-first-things-first/>

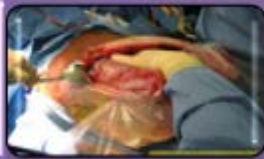
Engage and Educate



#1. PATOS



#2. Wound Protectors



#3. Bowel Technique



#4. Antibiotic Selection



#5. Enterprise Collaboration

Is the Jar Full?



Sand



Reference: <https://balancedaction.me/2012/10/17/the-jar-of-life-first-things-first/>



Sand



Beer

- Connect to purpose

- Pizza Party
- Show success
 - Score cards
 - Data
 - Audits



Reference: <https://balancedaction.me/2012/10/17/the-jar-of-life-first-things-first/>

Scorecards, Data & Audits

- Analyze each event
 - Unit Safety Huddles
- Share your results



Occurs within 48 hours



Executives, Leaders & Frontline Staff meet



Learn from event and prevent similar events



Share what is learned

CMH: Bowel Technique Compliance

Bowel Technique Compliance
October-December 2017
100% Compliance

Days Since
Last Colon SSI
April 2017



301

COLO SSI Huddle-4/28/17

- Fecal spillage in the abdominal cavity during and post surgery
- Diagnosed by positive culture

COLO

- PATOS was not documented
- Bowel Technique was not followed
- Low intraoperative temperature

Cause

- Share event and cause with all unit staff
- PATOS education to surgical staff with 90% education rate
- Surgeon education and awareness

Action

Post Huddle Update: **95%** of surgical staff received PATOS education!! (2 staff are pool & 1 staff member on medical leave)

We need a bigger Jar...



CHD General Surgeon's
Collaboration



ERAS



Enterprise Collaboration



Spot-On

Valuable Lessons Learned

- Do the really important things first
 - Set your priorities, goals and timelines
 - There will always be time for the task-oriented things
- Seek out your subject matter experts
 - Infection Prevention, Quality, Stewardship Pharmacists
- Spend time with key stake holders--staff, physicians
- Identify barriers and reevaluate
- Celebrate your successes



Reference: <https://balancedaction.me/2012/10/17/the-jar-of-life-first-things-first/>

THANK YOU