A large, round hay bale is the central focus of the image, positioned on the right side. It is made of golden-brown straw and is set in a field of tall grass. In the background, there is a dense forest of tall, thin trees, possibly pines or cypresses, under a bright sky. The overall scene is illuminated by warm, golden light, suggesting late afternoon or early morning.

# Healthcare Associated Infections: It is a Bundle, Not a Switch

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# Objectives

- The learner will be able to evaluate the impact bundle compliance has at the bedside.
- The learner will be able to support the care components at the bedside that result in bundle compliance.



# Why We Care about Bundles

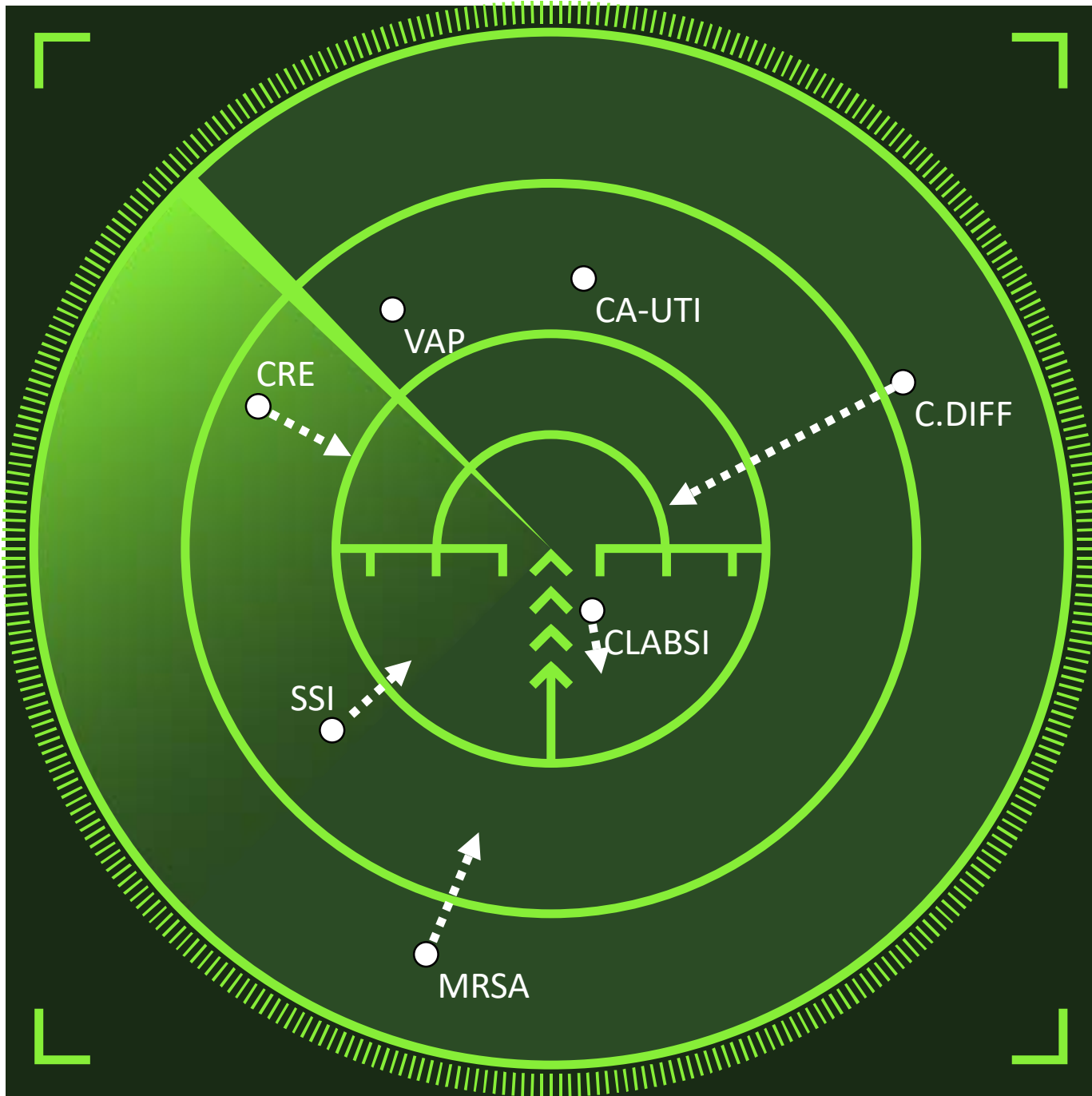


Every day...



HAIs are related to 75,000 deaths per year – or a full Boeing 737 every day





# HAIs Today

- Central line-associated bloodstream infections (CLABSI)
- Catheter-associated urinary tract infections (CA-UTI)
- Ventilator Associate Pneumonia (VAP)
- *Clostridium difficile* infections (*C. Diff*)
- *MRSA* bacteremia
- Carbapenem-resistant *Enterobacteriaceae* (CRE)



# Bundles Work

- Evidence Based
- Proven Outcomes
  - Focus on the Key Components
  - Identify Essential Behaviors
- Standardized







Why Is It So Hard?



# Too Many Bundles, Too Little Time

- 5 HAI Bundles
  - CA-UTI
  - CLABSI
  - *C.diff*
  - SSI
  - VAP
- Falls Bundle
- Pressure Ulcer Bundle






# Nursing Judgement

- Priorities
- Timing





# Action

- 
- What do you do?
  - How do you decide?





# Understanding the Problem



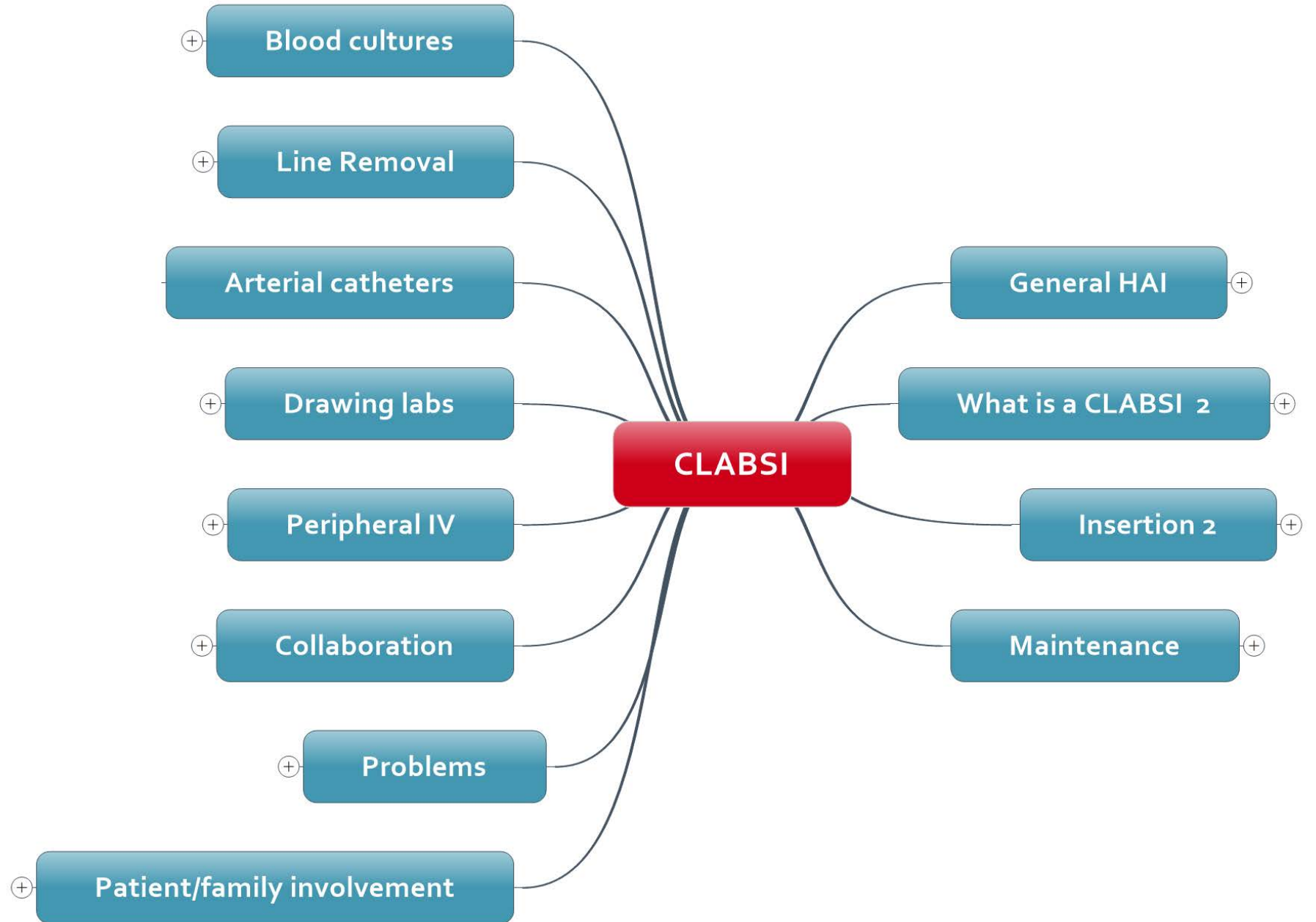
# CLABSI Bundle

- Daily discussion of line necessity
- Dressing clean, dry, and occlusive
- Standardized access
- Standardized dressing, cap and tubing change
- CHG bath and/or daily linen change



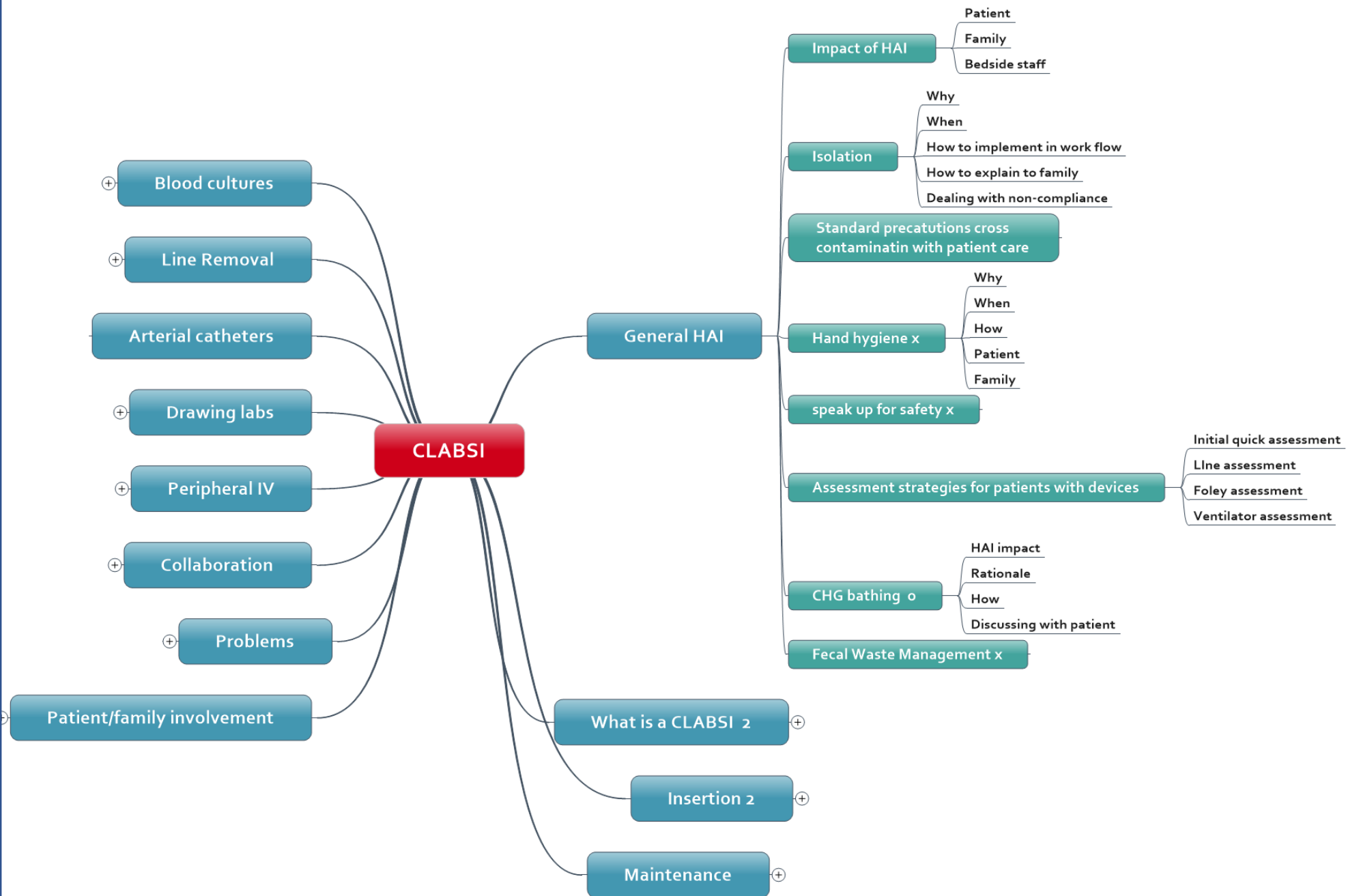


From  
One...  
Comes  
Many





And it  
Continues









# The Conflict

Focused on  
Patient Care



Focused on  
Outcome  
Measures



# Patient Workload (PW)

$$PW = (Assess : Doc) \times \frac{Doc}{Hr}$$

Assess = Assessment

Doc = Documentation



# Assessing and Documenting Pulse

- Assessment (3)
  - Rate
  - Rhythm
  - Strength
- Documentation (1)
- Ratio – 3:1







## Documentation

- 1752 items per day
- 1235 items per day (nursing)
- 51 items per hour

Manor-Shulman, Beyene, Frndova, & Parshuram, 2008



# Patient Workload

$$\frac{PW}{Hr} = (3 : 1) \times \frac{51}{Hr}$$

$$\frac{PW}{Hr} = 153 \frac{Assessments}{Hr}$$



# Nurse workload (NW)

$$\frac{NW}{Hr} = \text{Number of Patients} \times PW$$

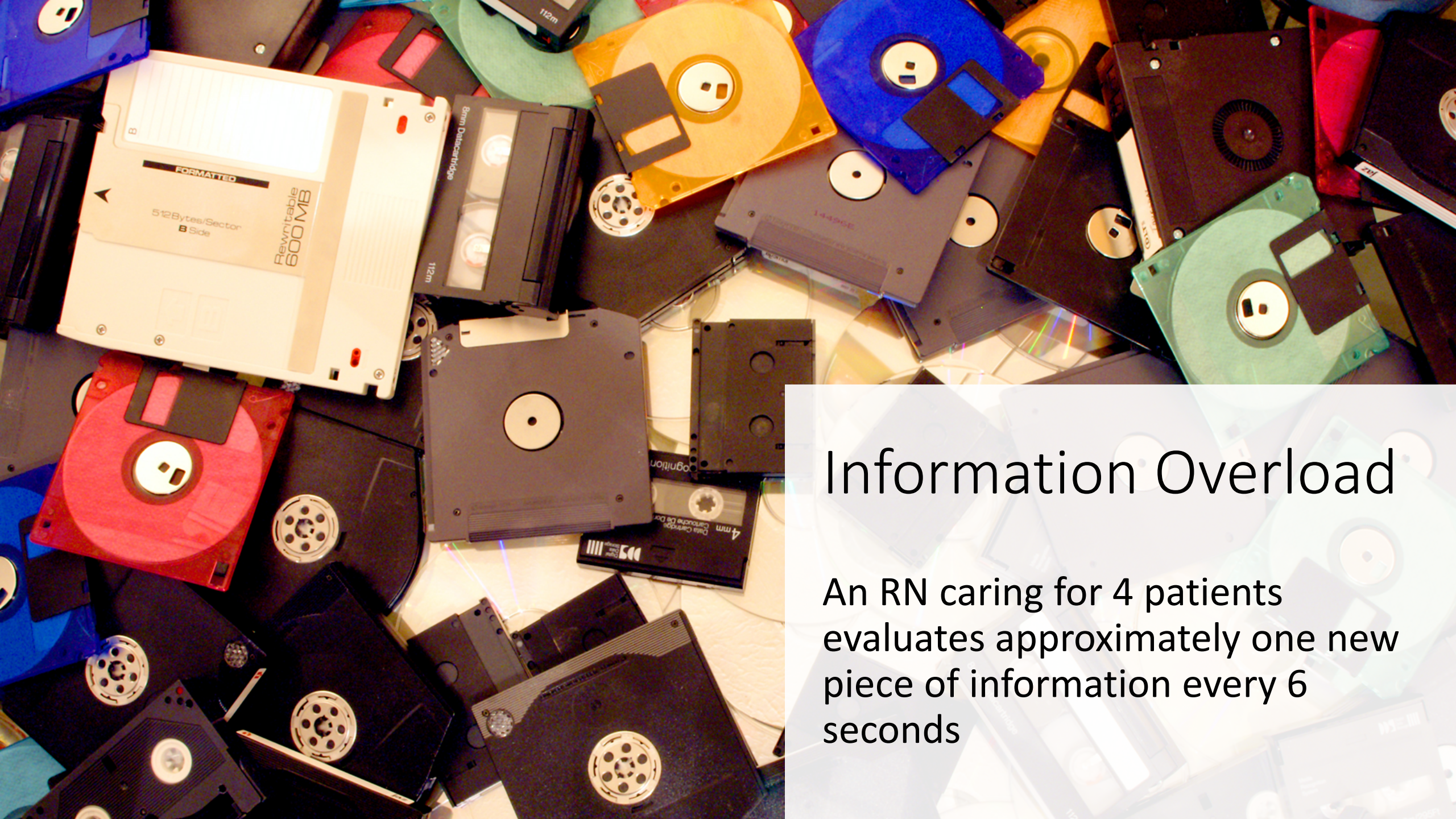


# Nurse workload (NW)

$$\frac{NW}{Hr} = 4 \times 153 \frac{Assessments}{Hr}$$

$$\frac{NW}{Hr} = 612 \frac{Assessments}{Hr}$$





# Information Overload

An RN caring for 4 patients evaluates approximately one new piece of information every 6 seconds



Making  
the  
Change



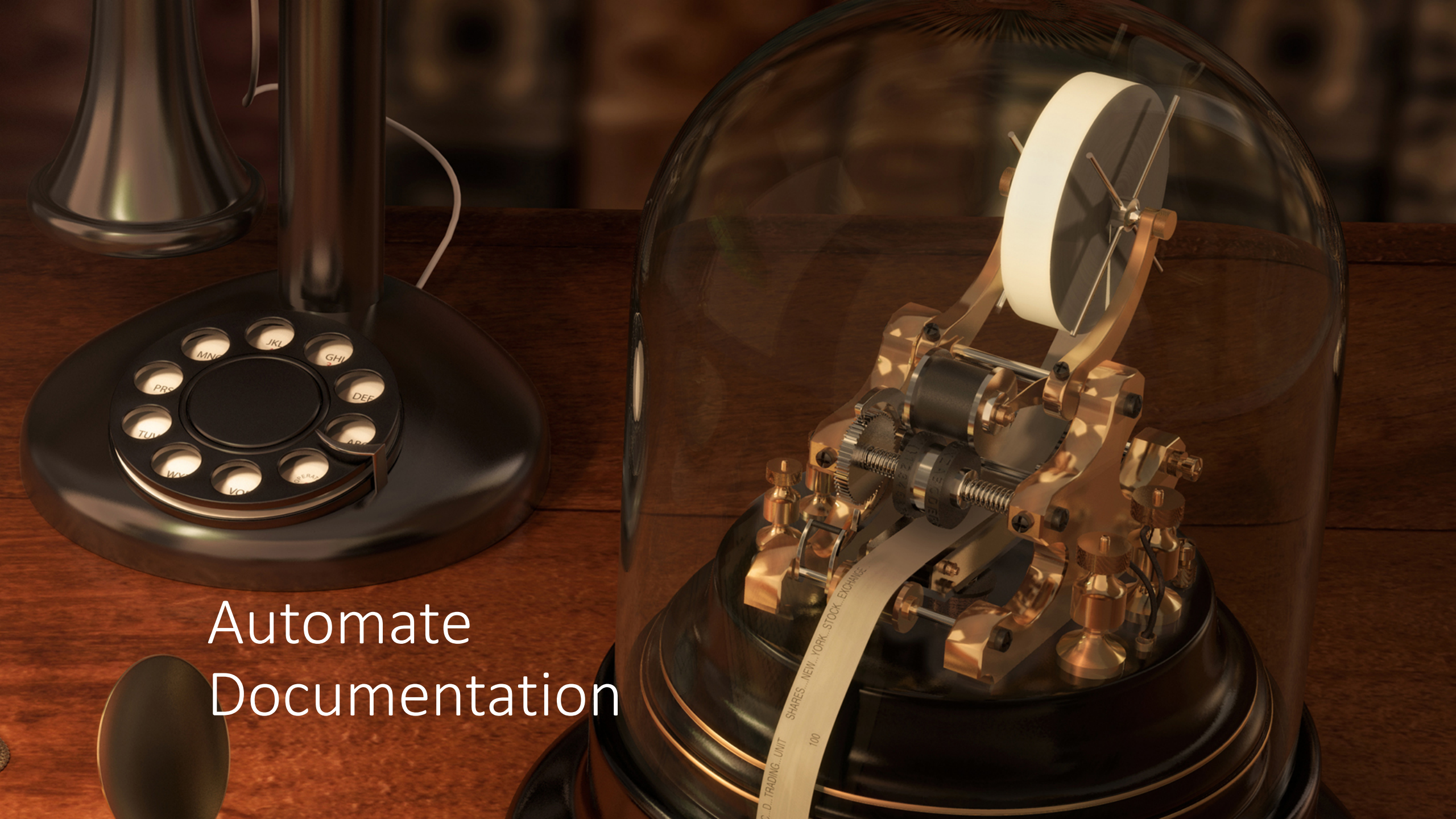


You  
Cannot  
Add  
One  
More  
Thing





# Automate Documentation





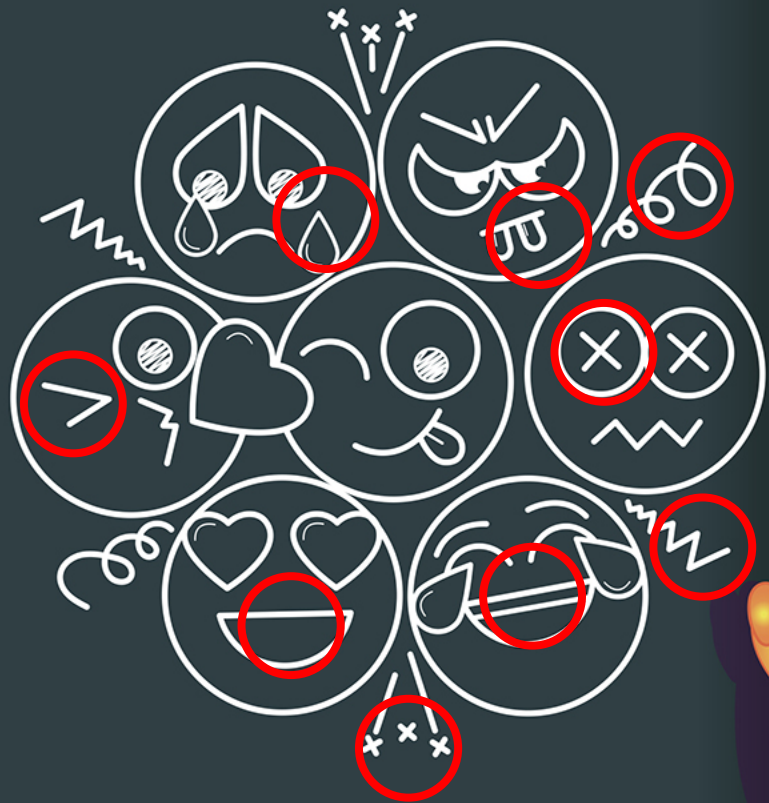
# Make the Bundles Easier

- Focus on the “Story”
- Make it easier
- Translate quality metrics into patient impact





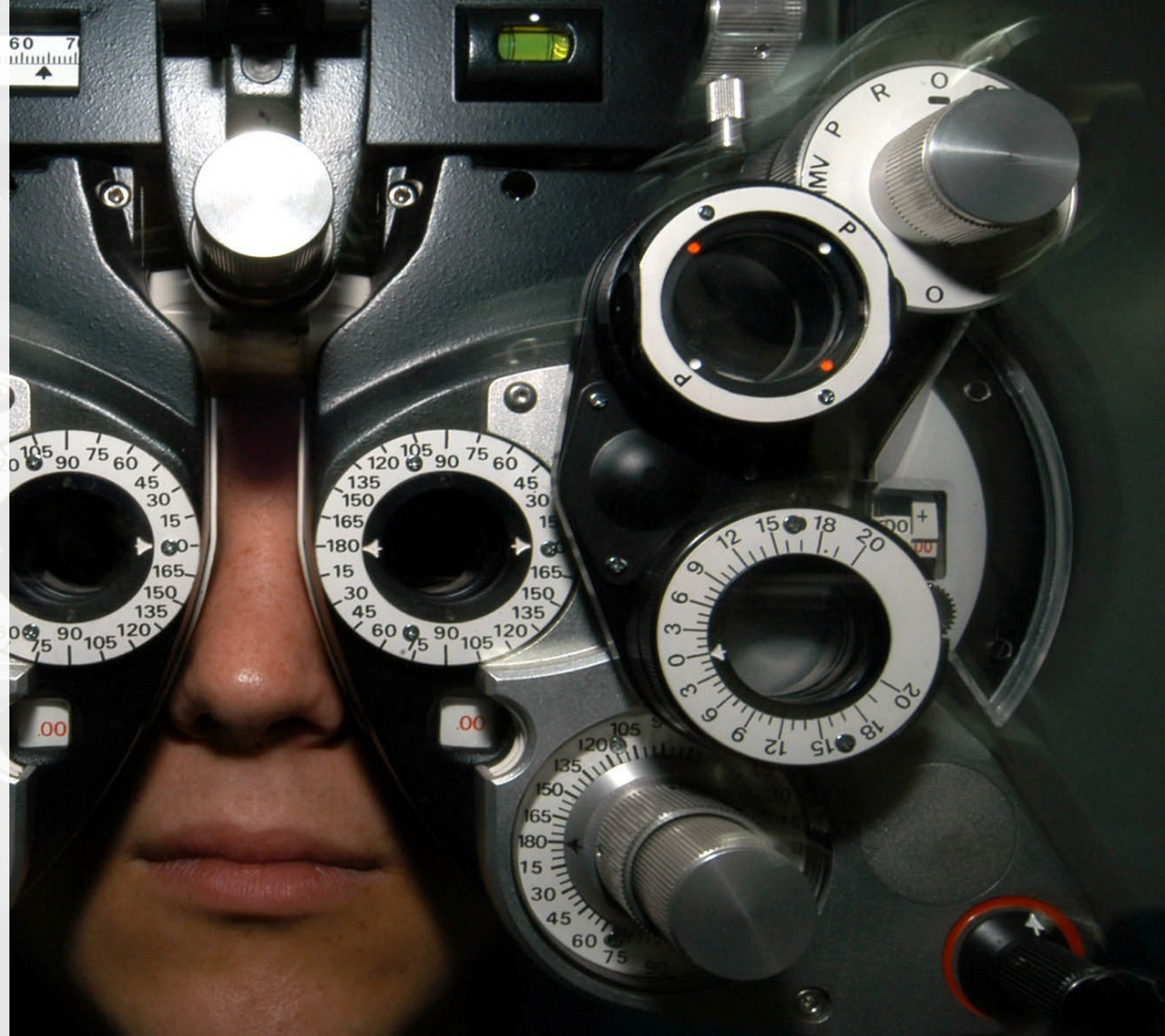
Find 9 differences!





# Be More Focused

1. IV System
2. Patient RELATIVE Status
3. Foley Draining
4. Patient Positioning
5. Hand Hygiene
6. Isolation Best Practices





# Activate Team

- Patients
- Family
- Techs







Questions





**GOOD  
BYE**

Thank You

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