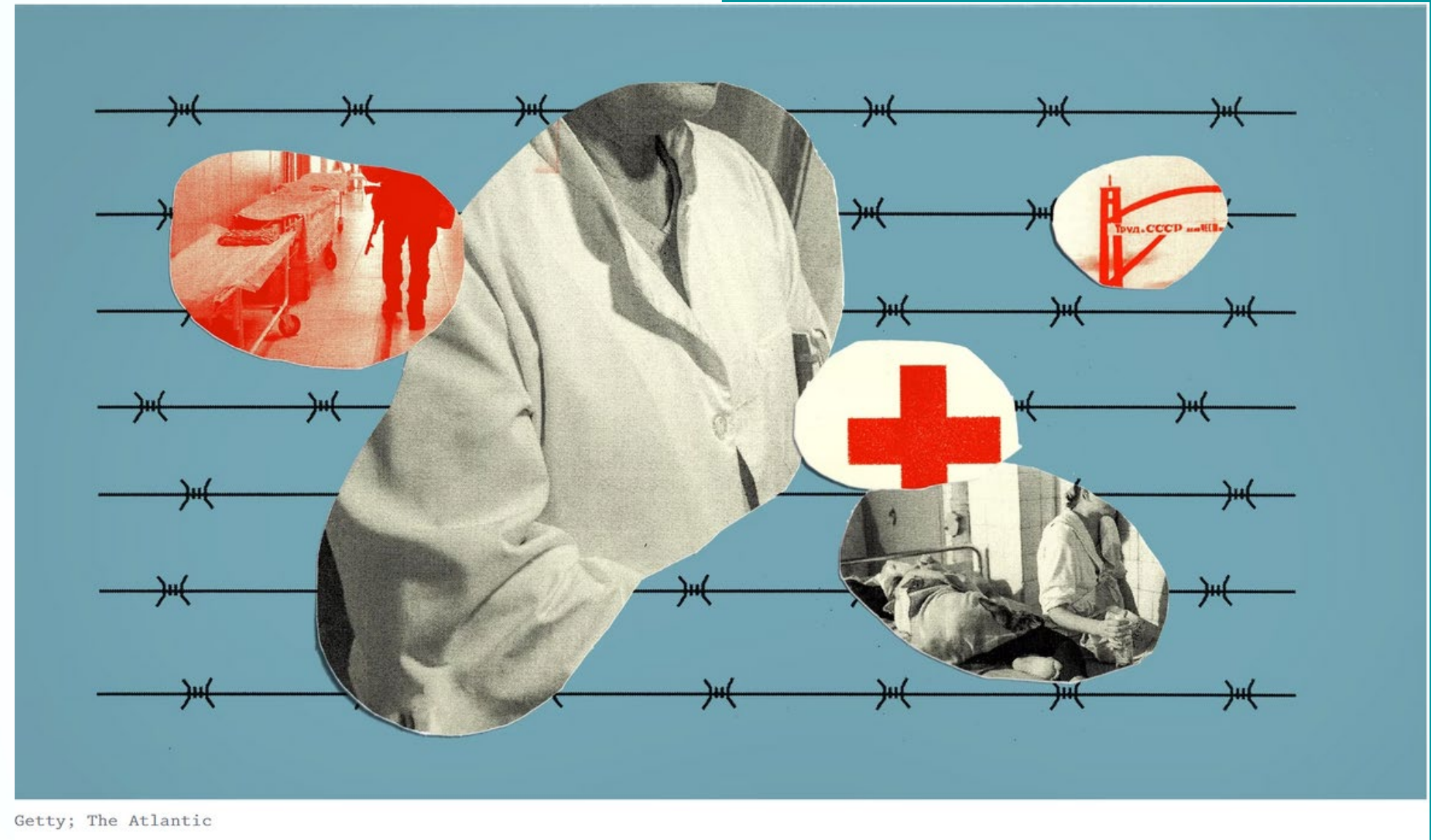


# Are You Winning the War?





# Amy Bruggemann

## MSN, APRN-BC, CWS

Director of Clinical Operations  
Specialized Wound Management

Chesterfield, MO



# **DISCLOSURE**

Speaker's Bureau: Smith and Nephew

Director of Clinical Operations: Specialized  
Wound Management

# OBJECTIVES ..

01

Understand etiologies of F-686

02

Identify steps to create a comprehensive prevention plan

03

Discuss the unavoidable classification

04

Recognize how to implement risk mitigation



## ✓ F686



- (i) A resident receives care, consistent with professional standards of practice, to prevent pressure ulcers and does not develop pressure ulcers unless the individual's clinical condition demonstrates that they were unavoidable;
- (ii) A resident with pressure ulcers receives necessary treatment and services, consistent with professional standards of practice, to promote healing, prevent infection and prevent new ulcers from developing.(SOM: P. 294)



✓ F686



- (i) A resident receives care, consistent with professional standards of practice, to prevent pressure ulcers and does not develop pressure ulcers unless the individual's clinical condition demonstrates that they were unavoidable;
- (ii) A resident with pressure ulcers receives necessary treatment and services, consistent with professional standards of practice, to promote healing, prevent infection and prevent new ulcers from developing.(SOM: P. 294)

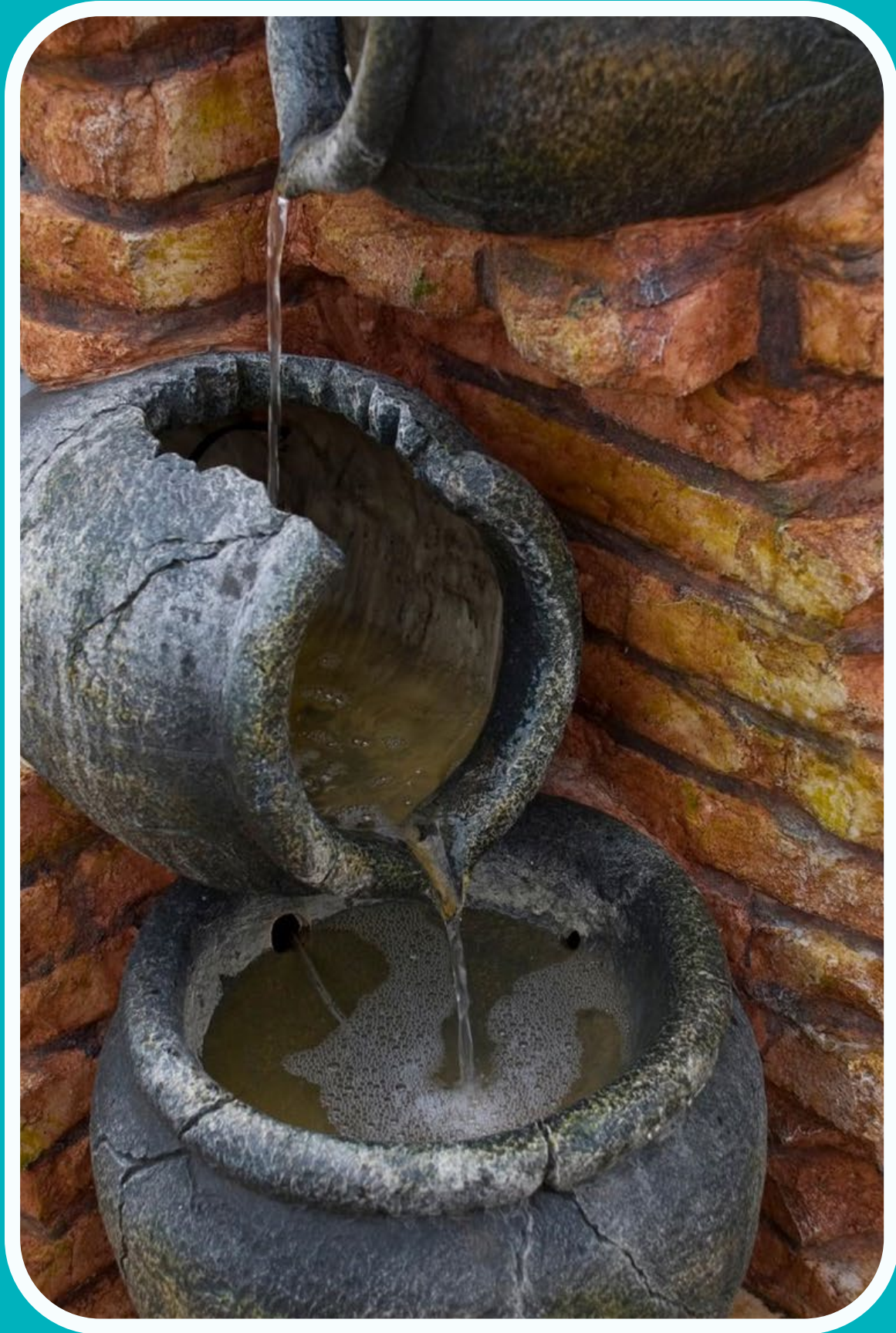


✓ F684

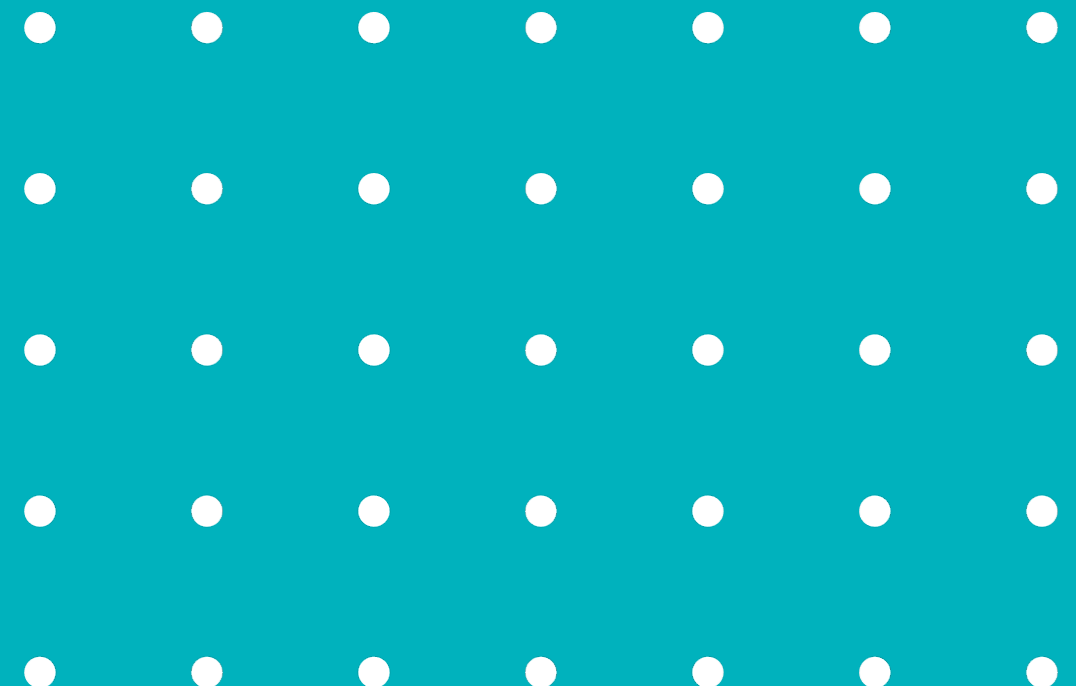


Quality of care is a fundamental principle that applies to all treatment and care provided to facility residents. Based on the comprehensive assessment of a resident, the facility must ensure that residents receive treatment and care in accordance with professional standards of practice, the comprehensive person-centered care plan, and the residents' choices, including but not limited to the following: cont...  
(SOM p. 280)





# The Trickle Down Effect



483.80

Infection  
Control

**F880**  
**F881**  
**F882**

483.24

Quality  
of Life

**F675**  
**F676**  
**F677**

483.25

Quality  
of Care

**F684, F688, F90**  
**F692, F697**

483.60

Food  
Nutrition  
Services

**F800**  
**F811**

483.21

Comp.  
Care  
Plans

**F655**  
**F656**  
**F657**  
**F658**

483.35

Nursing  
Services

**F725**  
**F726**  
**F730**

483.20

Resident  
Assessments

F363  
F637  
F641

485.75 & 483.95

QAPI  
&  
Training

**F865, F866, F867**  
**F945, F946, F947**



# Mindset Changing





REACTIVE

Responding to a failure

PROACTIVE

Attempting to prevent a failure

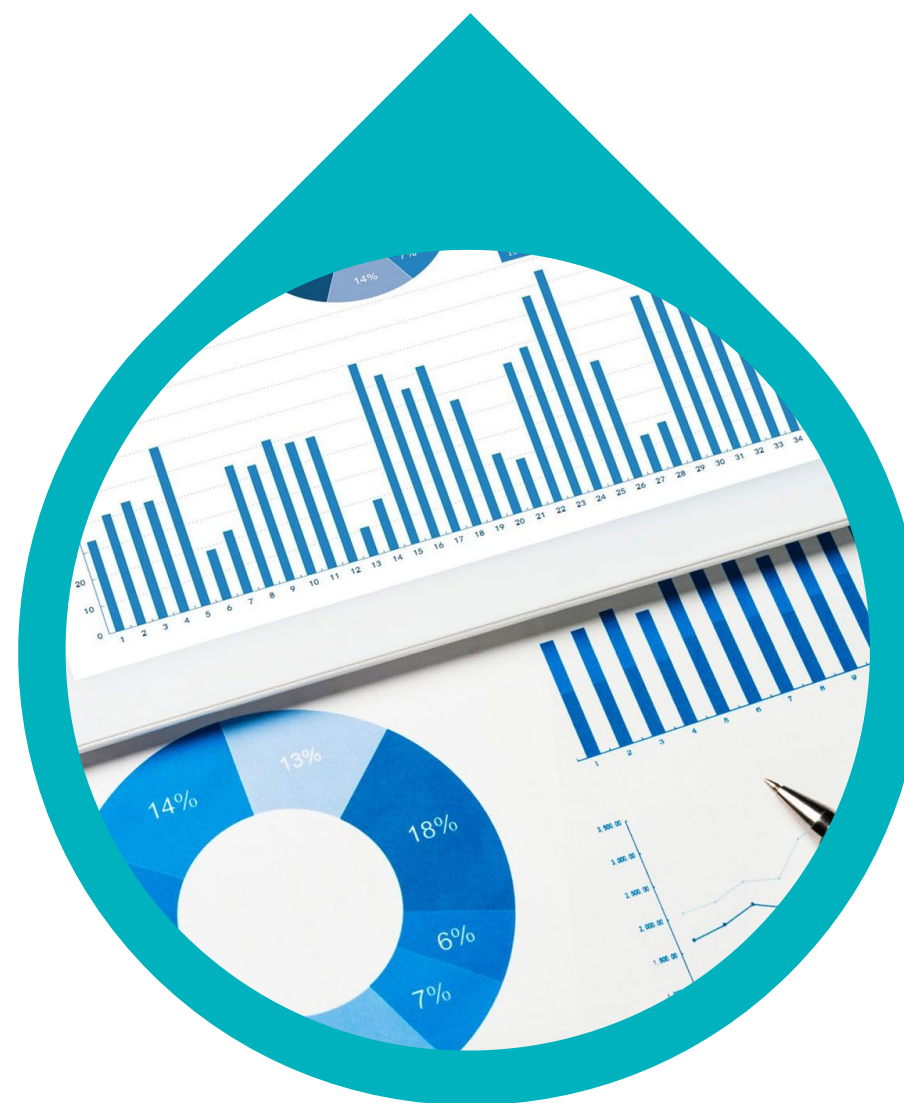
PREDICTIVE

Evaluating for a potential failure

# REACTIVE



**Disgruntled  
Patient or Family**



**Survey  
Citations**



**Legal  
Action**

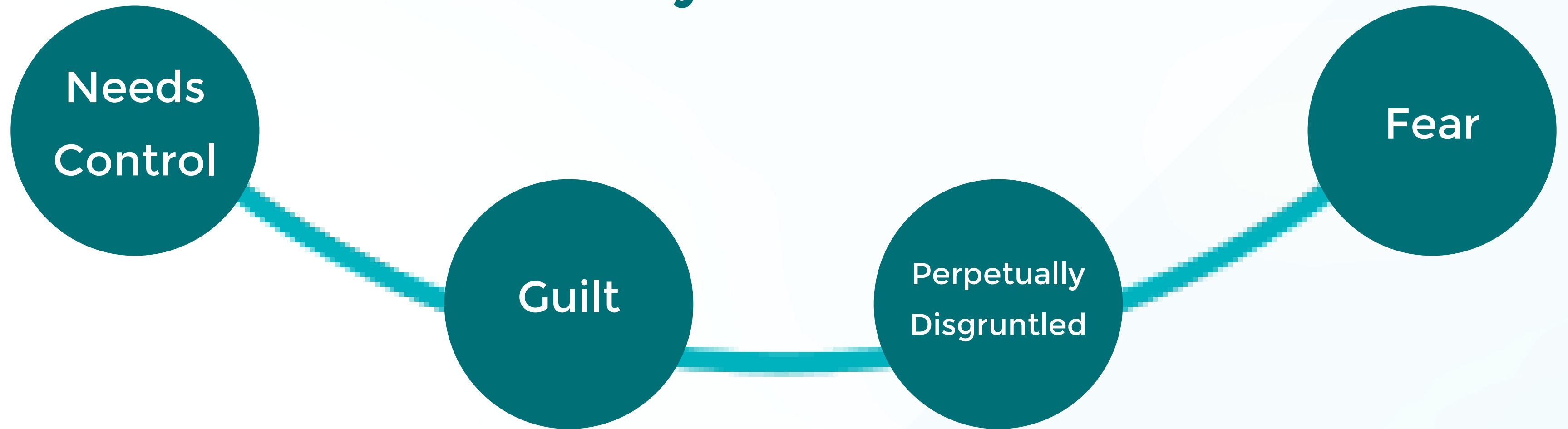


**Your best**  
**ability**  
**is your**  
**availability**

\*Quote Unknown

# Navigating the Caregiver Scene

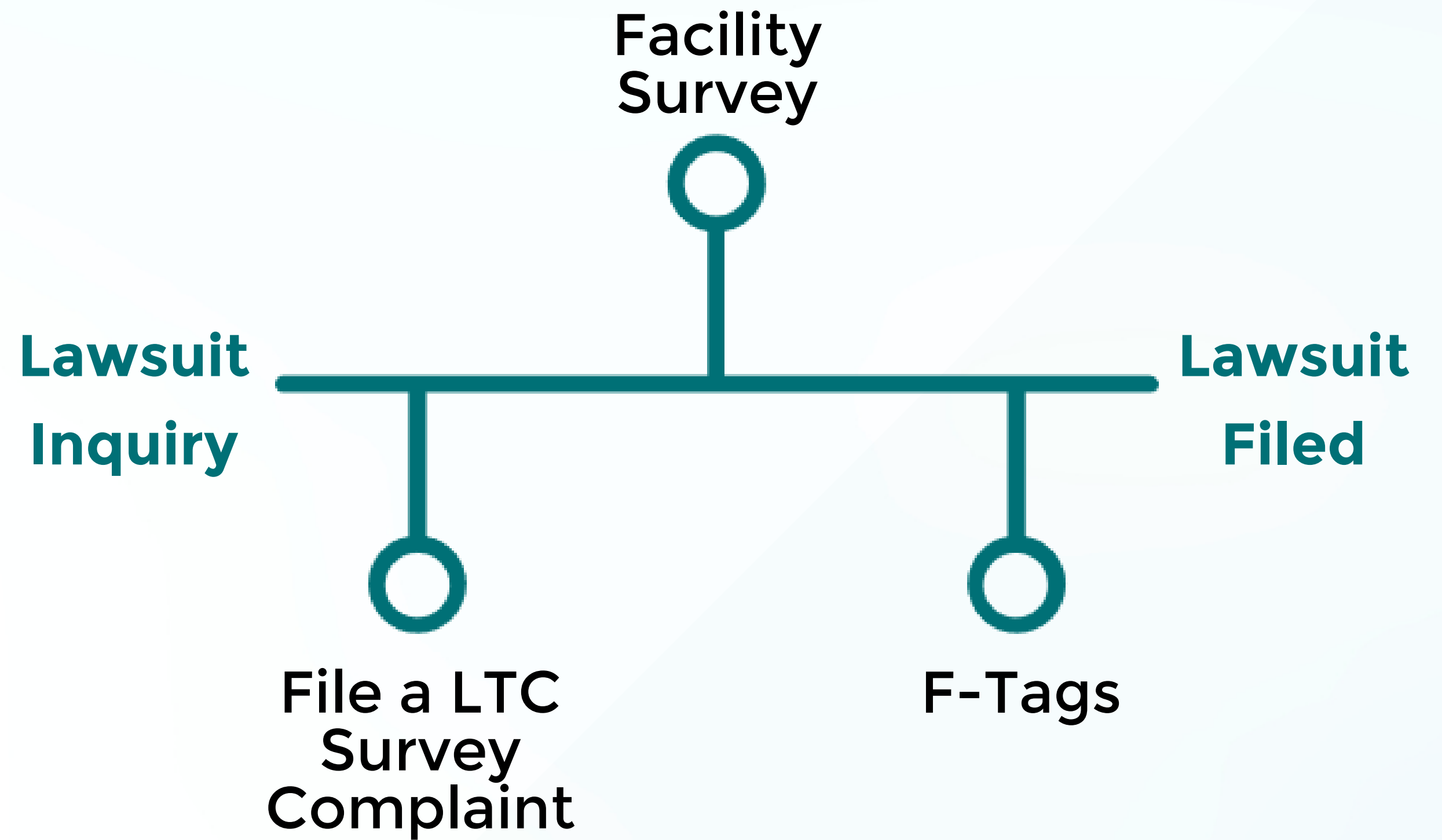
## Dynamics



# WORKPLACE CULTURE











**PROACTIVE**



```
graph LR; A((Unavoidable)) --- B(Admission); A --- C(Acute Illness); A --- D(Chronic Illness); A --- E(Noncompliance);
```

Unavoidable

Admission

Acute Illness

Chronic Illness

Noncompliance





heart  
disease



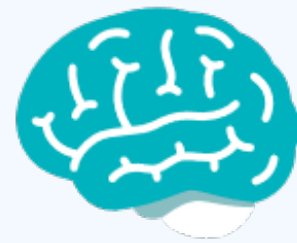
cancer



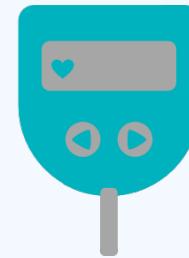
chronic  
lung  
disease



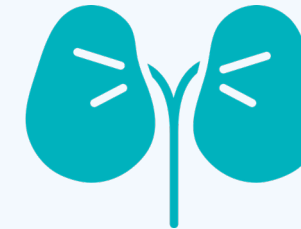
stroke



alzheimer's  
disease



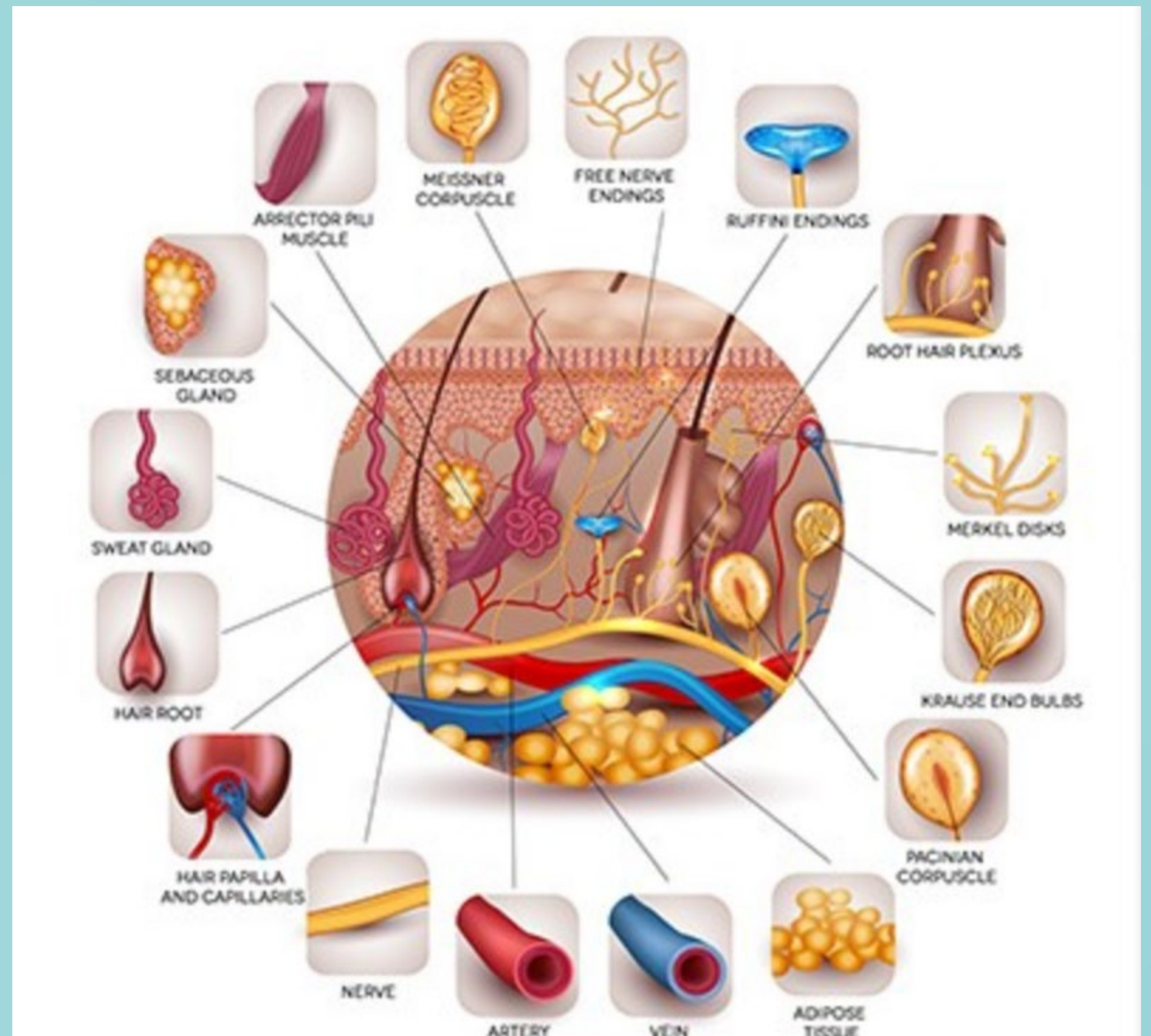
diabetes



chronic  
kidney  
disease



# The Skin our largest organ





# Who?

- Patient with a wound
- Patient with a change in medical condition
- A new admission





When are PI/PUs most likely to develop?

- A 1-2 weeks after admission
- B 2-4 weeks after admission
- C 3-6 months after admission
- D >1 year after admission

B

2-4 Weeks

After

Admission

# New Admissions

- 80% of PU/PIs develop within 2 weeks of admission
- 96% develop within 3 weeks of admission

Regulatory guidance in appendix PP shares information related to research regarding PU/PI development.

n. (Reference: Lyder CH, Ayello EA. Pressure Ulcers: A Patient Safety Issue. In: Hughes RG, editor. Patient Safety and Quality: An Evidence-Based Handbook for Nurses. Rockville (MD): Agency for Healthcare Research and Quality (US); 2008 Apr. Chapter 12. Available from: <http://www.ncbi.nlm.nih.gov/books/NBK2650/>)  
Many clinicians utilize a standardized pressure ulcer/i



# Change of Condition



## Physical

- Acute Illness
  - Flu, URI, Pneumonia
  - CVA, MRI, Surgery
  - Urinary Tract Infection
  - Surgical Fractions and replacements
- Exacerbation of Chronic Illness
  - CHF
  - Hyperglycemia
- Weight Loss
- Incontinence

## Mental

- Cognitive Decline
  - Alzheimer's
  - Dementia
- Depression
- Psychotic behaviors
- Compliance



# Why Refer?

- \_\_\_ Age >65yrs
- \_\_\_ Anemia
- \_\_\_ COPD
- \_\_\_ Diabetes
- \_\_\_ End Stage CHF
- \_\_\_ End Stage Liver Disease
- \_\_\_ End Stage Renal Disease
- \_\_\_ Episode of acute illness
- \_\_\_ Failure to Thrive
- \_\_\_ Fecal Incontinence
- \_\_\_ Fracture
- \_\_\_ Fungal Infection
- \_\_\_ History of P.U.
- \_\_\_ Immunosuppression
- \_\_\_ Paraplegia
- \_\_\_ Protein Deficiency
- \_\_\_ Protein-Energy Malnutrition
- \_\_\_ PVD
- \_\_\_ Quadriplegia
- \_\_\_ Sepsis
- \_\_\_ Stage 5 Chronic Kidney Disease
- \_\_\_ Terminal Cancer
- \_\_\_ Urinary Incontinence
- \_\_\_ Urinary Tract Infection
- \_\_\_ Tobacco use
- \_\_\_ Steroid Therapy
- \_\_\_ Renal Dialysis
- \_\_\_ Albumin level <3.4 or Pre-albumin <17
- \_\_\_ < Total Protein Level
- \_\_\_ Previous UTI
- \_\_\_ Exacerbation of Chronic Illness
- \_\_\_ Medical Device:
- \_\_\_ Antibiotic Therapy (Long-term, Recent or Ongoing) w/concurrent skin breakdown of the trunk
- \_\_\_ Weight Loss (>5% in 1 month, 7.5% in 3 months, or 10% in 6 months)
- \_\_\_ Physical deconditioning and immobility
- \_\_\_ Unavoidable exposure to excessive moisture, shearing +/- or friction
- \_\_\_ Patient Preferences to spending long periods of time up in chair
- \_\_\_ Elevated HOB
- \_\_\_ Chemo or Radiation
- \_\_\_ Edema
- \_\_\_ Hemoglobin <12
- \_\_\_ HgbA1C >8.0





# Why Refer?

- |  |                        |                                    |
|--|------------------------|------------------------------------|
| ___ Age >65yrs   | ___ Failure to Thrive  | ___ Protein-Energy Malnutrition    |
| ___ Anemia   | ___ Fecal Incontinence | ___ PVD                            |
| ___ COPD   | ___ Fracture           | ___ Quadriplegia                   |
| ___ Diabetes   | ___ Fungal Infection   | ___ Sepsis                         |
| ___ End Stage CHF  | ___ History of P.U.    | ___ Stage 5 Chronic Kidney Disease |
| ___ End Stage Liver Disease  | ___ Immunosuppression  | ___ Terminal Cancer                |
| ___ End Stage Renal Disease  | ___ Paraplegia         | ___ Urinary Incontinence           |
| ___ Episode of acute illness   | ___ Protein Deficiency | ___ Urinary Tract Infection        |
| ___ Tobacco use  |                        | ___ Elevated HOB                   |
| ___ Steroid Therapy  |                        | ___ Chemo or Radiation             |
| ___ Renal Dialysis   |                        | ___ Edema                          |
| ___ Albumin level <3.4 or Pre-albumin <17  |                        | ___ Hemoglobin <12                 |
| ___ < Total Protein Level  |                        | ___ HgbA1C >8.0                    |
| ___ Previous UTI   |                        |                                    |
| ___ Exacerbation of Chronic Illness  |                        |                                    |
| ___ Medical Device:  |                        |                                    |
| ___ Antibiotic Therapy (Long-term, Recent or Ongoing) w/concurrent skin breakdown of the trunk |                        |                                    |
| ___ Weight Loss (>5% in 1 month, 7.5% in 3 months, or 10% in 6 months)                         |                        |                                    |
| ___ Physical deconditioning and immobility   |                        |                                    |
| ___ Unavoidable exposure to excessive moisture, shearing +/- or friction                       |                        |                                    |
| ___ Patient Preferences to spending long periods of time up in chair                           |                        |                                    |



- **This population is at high risk for complications**
- **>50% reduction in size within the first 4 weeks studies show a patient is more likely to be completely healed in 12 weeks**



# COST

483.80

Infection  
Control

F880  
F881  
F882

483.24

Quality  
of Life

F675  
F676  
F677

483.25

Quality  
of Care

F684  
F688  
F690  
F692  
F697

483.60

Food and  
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F800  
F811

483.21

Comp.  
Care  
Plans

F655  
F656  
F657  
F658

483.35

Nursing  
Services

F725  
F726  
F730

483.20

Resident  
Assessments

F363  
F637  
F641

485.75 & 483.95

QAPI  
&  
Training

F865, F866, F867  
F945, F946, F947



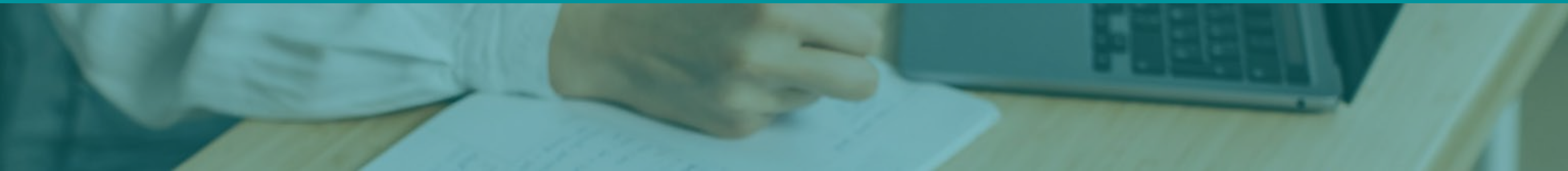
# 2 TYPES OF COST

## Upfront Cost:

- Off-loading Devices
- Positioning Devices
- Testing
- Treatments
  - Use your resources
- Nursing Time

## Hidden Cost:

- Emotional Cost
- Survey Fines
- Admission Holds
- Litigation



# The Cost of Staff.....to YOU

CRUCIAL TO HAVE LEADERSHIP SUPPORT

Skin and Wound Care Liasion

Short Staffed

Pull from this position

Perpetuating bad habits

Weekends & Holidays



# COMMUNICATE





# Advocating For Success

- **Administrative Leadership**
- **Community Skin and Wound Care Liaison**
- **Provider**
- **Nurses**
- **CNA's**
- **Therapy**
- **Dietary**
- **Social Service**
- **Primary Care**





# Proactive Summary

Change The Approach

Consider the cause and effect

- New to the facility
- Change in Condition
- Existing Wound

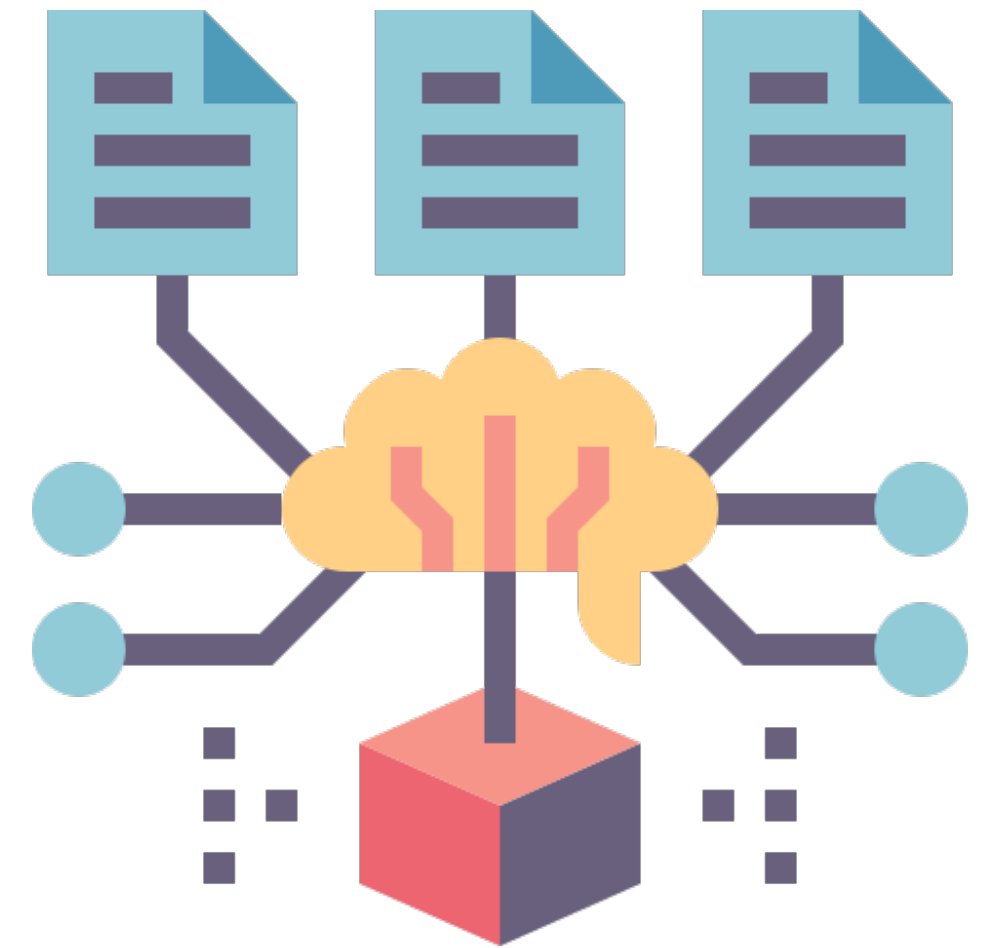
Utilize The Team





# Prediction

- Meetings and Reports
  - QAPI
  - Care Plan Meetings
  - Tools of Risk
  - Case Examples
- 

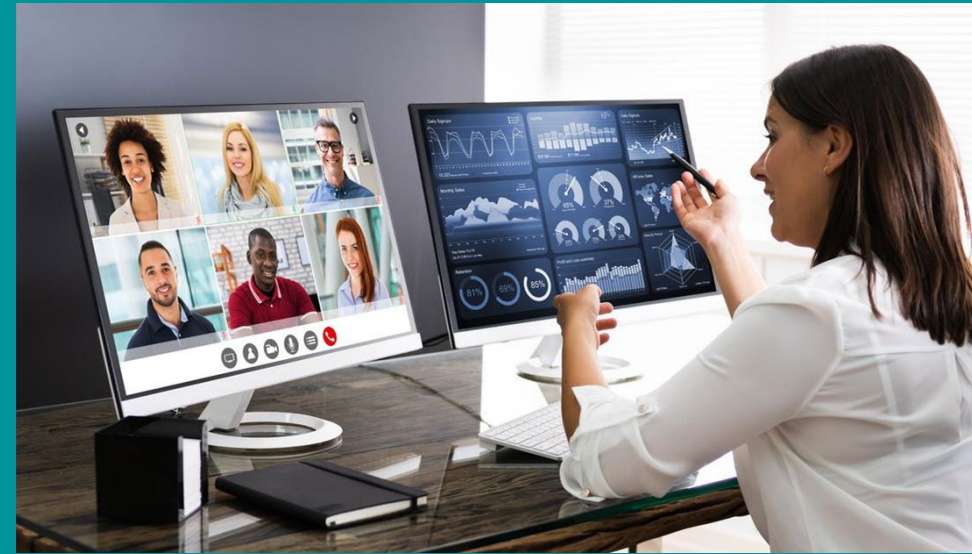


# Meetings and Reports.....



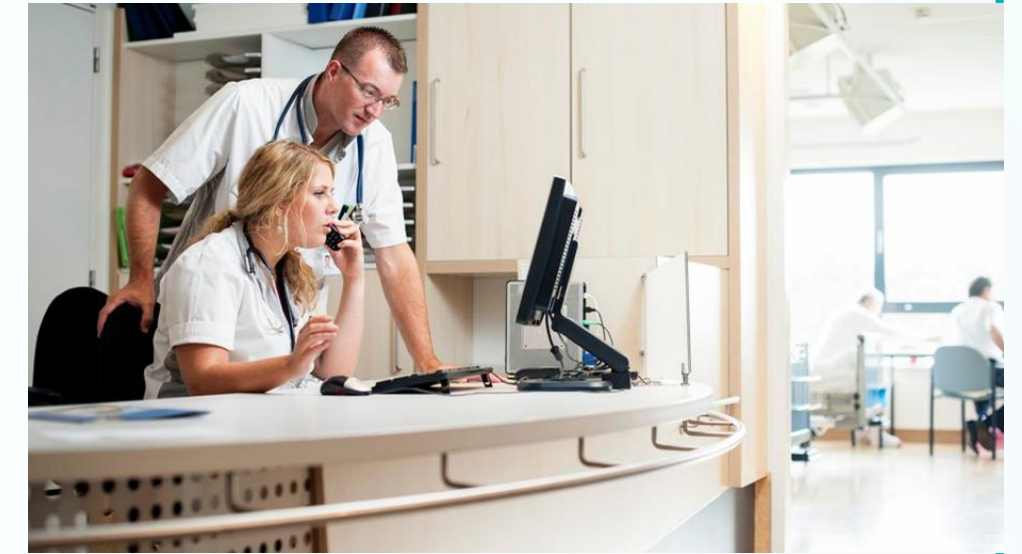
## Declining Ulcer / Wound

- Provider
- Patient/POA
- Rate of Decline



## Long-term Player

- Age of Ulcer/Wound
- Concomitant Comorbidities



## Resident in the news

- Weight Loss
- Medical Illness
- Behaviors
- Falls



# QAPI

SYSTEMIC

ISOLATED

Trends

Type

Unit

Locations

PIP

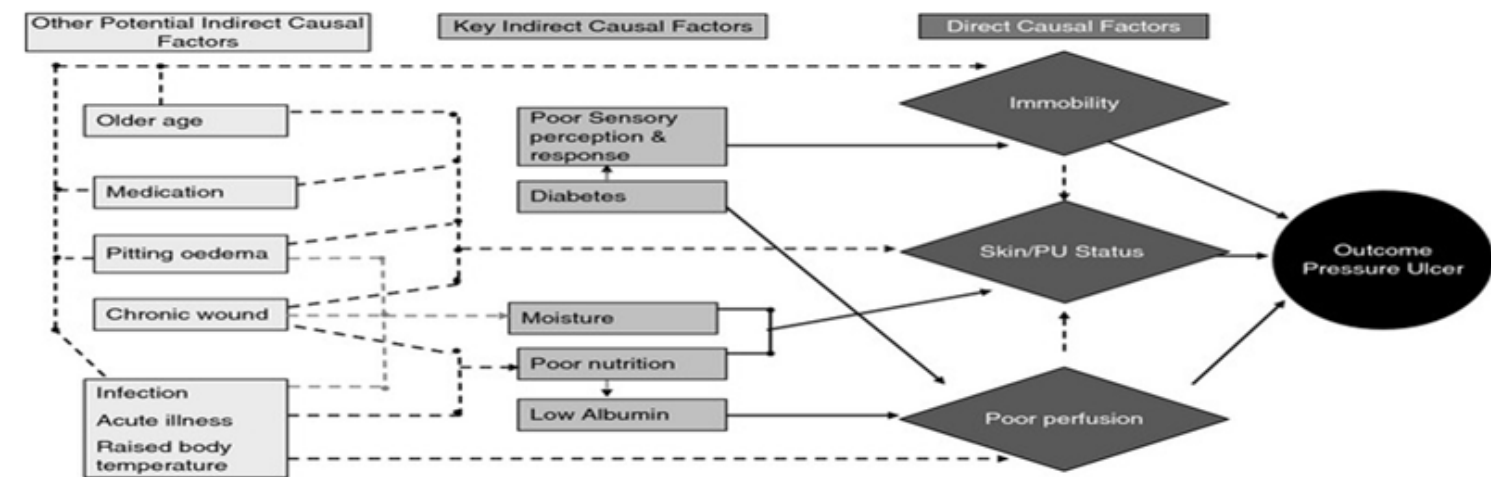




# Care Plan Meetings



## Causal Risk for Pressure Ulcers/Injuries



[https://www.researchgate.net/profile/Andrea\\_Nelson2/publication/261253980/figure/fig1/AS:272539792441378@1441989958566/Theoretical-schema-of-proposed-causal-pathway-for-pressure-ulcer-development-The-solid.png](https://www.researchgate.net/profile/Andrea_Nelson2/publication/261253980/figure/fig1/AS:272539792441378@1441989958566/Theoretical-schema-of-proposed-causal-pathway-for-pressure-ulcer-development-The-solid.png)

- |   |   |   |
|---|---|---|
| <input type="checkbox"/> Age >65yrs   | <input type="checkbox"/> Failure to Thrive  | <input type="checkbox"/> Protein-Energy Malnutrition    |
| <input type="checkbox"/> Anemia   | <input type="checkbox"/> Fecal Incontinence | <input type="checkbox"/> PVD                            |
| <input type="checkbox"/> COPD   | <input type="checkbox"/> Fracture           | <input type="checkbox"/> Quadriplegia                   |
| <input type="checkbox"/> Diabetes   | <input type="checkbox"/> Fungal Infection   | <input type="checkbox"/> Sepsis                         |
| <input type="checkbox"/> End Stage CHF  | <input type="checkbox"/> History of P.U.    | <input type="checkbox"/> Stage 5 Chronic Kidney Disease |
| <input type="checkbox"/> End Stage Liver Disease  | <input type="checkbox"/> Immunosuppression  | <input type="checkbox"/> Terminal Cancer                |
| <input type="checkbox"/> End Stage Renal Disease  | <input type="checkbox"/> Paraplegia         | <input type="checkbox"/> Urinary Incontinence           |
| <input type="checkbox"/> Episode of acute illness   | <input type="checkbox"/> Protein Deficiency | <input type="checkbox"/> Urinary Tract Infection        |
| <input type="checkbox"/> Tobacco use  |   | <input type="checkbox"/> Elevated HOB                   |
| <input type="checkbox"/> Steroid Therapy  |   | <input type="checkbox"/> Chemo or Radiation             |
| <input type="checkbox"/> Renal Dialysis   |   | <input type="checkbox"/> Edema                          |
| <input type="checkbox"/> Albumin level <3.4 or Pre-albumin <17  |   | <input type="checkbox"/> Hemoglobin <12                 |
| <input type="checkbox"/> < Total Protein Level  |   | <input type="checkbox"/> HgbA1C >8.0                    |
| <input type="checkbox"/> Previous UTI   |   |   |
| <input type="checkbox"/> Exacerbation of Chronic Illness  |   |   |
| <input type="checkbox"/> Medical Device:  |   |   |
| <input type="checkbox"/> Antibiotic Therapy (Long-term, Recent or Ongoing) w/concurrent skin breakdown of the trunk |   |   |
| <input type="checkbox"/> Weight Loss (>5% in 1 month, 7.5% in 3 months, or 10% in 6 months)                         |   |   |
| <input type="checkbox"/> Physical deconditioning and immobility   |   |   |
| <input type="checkbox"/> Unavoidable exposure to excessive moisture, shearing +/- or friction                       |   |   |
| <input type="checkbox"/> Patient Preferences to spending long periods of time up in chair                           |   |   |

Interventions: \_\_\_\_\_





Interventions

## BRADEN SCALE FOR PREDICTING PRESSURE SORE RISK

Patient's Name _____		Evaluator's Name _____		Date of Assessment _____					
<b>SENSORY PERCEPTION</b>  ability to respond meaningfully to pressure-related discomfort	<b>1. Completely Limited</b> Unresponsive (does not moan, flinch, or grasp) to painful stimuli, due to diminished level of consciousness or sedation. OR limited ability to feel pain over most of body	<b>2. Very Limited</b> Responds only to painful stimuli. Cannot communicate discomfort except by moaning or restlessness OR has a sensory impairment which limits the ability to feel pain or discomfort over ½ of body.	<b>3. Slightly Limited</b> Responds to verbal commands, but cannot always communicate discomfort or the need to be turned. OR has some sensory impairment which limits ability to feel pain or discomfort in 1 or 2 extremities.	<b>4. No Impairment</b> Responds to verbal commands. Has no sensory deficit which would limit ability to feel or voice pain or discomfort..					
<b>MOISTURE</b>  degree to which skin is exposed to moisture	<b>1. Constantly Moist</b> Skin is kept moist almost constantly by perspiration, urine, etc. Dampness is detected every time patient is moved or turned.	<b>2. Very Moist</b> Skin is often, but not always moist. Linen must be changed at least once a shift.	<b>3. Occasionally Moist:</b> Skin is occasionally moist, requiring an extra linen change approximately once a day.	<b>4. Rarely Moist</b> Skin is usually dry, linen only requires changing at routine intervals.					
<b>ACTIVITY</b>  degree of physical activity	<b>1. Bedfast</b> Confined to bed.	<b>2. Chairfast</b> Ability to walk severely limited or non-existent. Cannot bear own weight and/or must be assisted into chair or wheelchair.	<b>3. Walks Occasionally</b> Walks occasionally during day, but for very short distances, with or without assistance. Spends majority of each shift in bed or chair	<b>4. Walks Frequently</b> Walks outside room at least twice a day and inside room at least once every two hours during waking hours					
<b>MOBILITY</b>  ability to change and control body position	<b>1. Completely Immobile</b> Does not make even slight changes in body or extremity position without assistance	<b>2. Very Limited</b> Makes occasional slight changes in body or extremity position but unable to make frequent or significant changes independently.	<b>3. Slightly Limited</b> Makes frequent though slight changes in body or extremity position independently.	<b>4. No Limitation</b> Makes major and frequent changes in position without assistance.					
<b>NUTRITION</b>  <u>usual</u> food intake pattern	<b>1. Very Poor</b> Never eats a complete meal. Rarely eats more than ½ of any food offered. Eats 2 servings or less of protein (meat or dairy products) per day. Takes fluids poorly. Does not take a liquid dietary supplement OR is NPO and/or maintained on clear liquids or IV's for more than 5 days.	<b>2. Probably Inadequate</b> Rarely eats a complete meal and generally eats only about ½ of any food offered. Protein intake includes only 3 servings of meat or dairy products per day. Occasionally will take a dietary supplement. OR receives less than optimum amount of liquid diet or tube feeding	<b>3. Adequate</b> Eats over half of most meals. Eats a total of 4 servings of protein (meat, dairy products per day. Occasionally will refuse a meal, but will usually take a supplement when offered OR is on a tube feeding or TPN regimen which probably meets most of nutritional needs	<b>4. Excellent</b> Eats most of every meal. Never refuses a meal. Usually eats a total of 4 or more servings of meat and dairy products. Occasionally eats between meals. Does not require supplementation.					
<b>FRICTION &amp; SHEAR</b>	<b>1. Problem</b> Requires moderate to maximum assistance in moving. Complete lifting without sliding against sheets is impossible. Frequently slides down in bed or chair, requiring frequent repositioning with maximum assistance. Spasticity, contractures or agitation leads to almost constant friction	<b>2. Potential Problem</b> Moves feebly or requires minimum assistance. During a move skin probably slides to some extent against sheets, chair, restraints or other devices. Maintains relatively good position in chair or bed most of the time but occasionally slides down.	<b>3. No Apparent Problem</b> Moves in bed and in chair independently and has sufficient muscle strength to lift up completely during move. Maintains good position in bed or chair.						
					<b>Total Score</b>				



## Braden Scale Interventions Guide - Adult

For those clients at risk; based on the overall Braden Scale risk assessment score & those Braden subscales which score 3 or less, use the interventions below to develop an individualized client care plan.

### Braden Risk Categories

**At Risk**  
Score 15 - 18

**Moderate Risk**  
Score 13 - 14

**High Risk**  
Score 10 - 12

**Very High Risk**  
Score 9 or less

### Standard Pressure Injury Prevention Interventions for Clients in all Risk Categories:

1. Address client concerns regarding risk of a pressure injury.
2. Determine and document risk factors associated with clinical conditions.
3. Repeat Braden Risk Assessment.
4. Repeat the Head-to-Toe skin assessment.
5. Manage and provide pain relief.
6. Provide skin care
7. Prevent/manage moisture associated skin damage e.g., toileting routine to manage urine/feces Avoid continence briefs/pads.
8. Promote activity/mobility.
9. Support nutritional therapy e.g. encourage calorie and fluid intake as per client condition.
10. Reduce/eliminate shear & friction e.g. keep head of bed (HOB) less than 30° unless for meal time or as per client condition.
11. Alleviate pressure e.g. protect heels and elbows elevate heels off the bed
12. Promote pressure redistribution through positioning/repositioning e.g., turn/reposition as per clients individualized care plan. (e.g. q2h; q3h; q4h), and include small shifts of position.

**For clients with subscale scores of 2 or less, make referral(s) to appropriate HCPs & consider additional interventions.**

### Nutrition Subscale 2 or Less

- Encourage diet & fluid intake as per client condition/restrictions.
- If NPO, ensure adequate parenteral hydration /nutrition.
- Record/monitor intake/output.
- Record/monitor weight.
- Ensure good oral health at least twice daily.
- Ensure that dentures are in place and well-fitting.
- Ensure that client is able to swallow safely.
- Consult Dietitian.

### Moisture Subscale 2 or Less

- Cleanse with a pH-balanced, non-sensitizing, fragrance-free no-rinse skin cleanser.
- Moisturize non-sensitizing fragrance-free lotion/cream as needed.
- Avoid hot water or scrubbing of skin; gently pat skin dry.
- Cleanse skin folds & perineal area after incontinent episode with no-rinse cleaner.
- Apply skin protectant barrier to protect skin from urine/feces/perspiration.
- Avoid powder/talc.
- Consider a low-air-loss therapeutic surface or 'micro-climate manager'.
- Consult OT/PT.
- Consult Wound Clinician.

### Friction/Shear Subscale 2 or Less

- When sitting, ensure feet are on floor, or supported so hips are at a 90° angle.
- Use chair / wheelchair tilt features.
- Keep HOB  $\leq 30^\circ$  (unless contraindicated). Elevate  $\geq 30^\circ$  for meals (short periods only).
- When moving client up in bed, ensure bed is flat; that hips are 10 cms above where the bedframe flexes; then raise knee gatch 10 to 20° before HOB is raised.
- Consider Trunk Release Method (TRM) to ensure proper positioning in bed ([Sitting Up In Bed](#) video).
- Consult OT/PT.

### Activity/Mobility Subscale 2 or Less & Sensory Perception Subscale 2 or Less

- Follow Friction/Shear Subscale interventions.
- Use appropriate pressure redistribution surfaces (e.g., wheelchair cushion, bed mattress)
- Avoid multiple layers of bedding, padding. Keep bed linens smooth.
- Elevate heels using therapeutic devices or pillows. Do not use intravenous bags, towels or pads. Protect elbows.
- Lift, do not drag client when repositioning in bed. Use client handling equipment e.g. ceiling lift as needed.
- Use a transfer device; sliding board, lift/transfer sheet for bed-chair transfers or bed-stretcher transfers.
- Use gel pad on commode chair and bath bench.
- Do not use donut-ring type devices or sheepskin to redistribute pressure.
- Use a prophylactic silicone foam dressing on sacral/coccyx area. Consult Wound Clinician for use on heels.
- Assess skin/ mucosal membranes under/around medical devices 2x per shift. Reposition device if possible.
- Consult OT/PT.
- Consult Wound Clinician.



A photograph of a modern hospital interior. On the left, a long, bright white hallway with multiple doors leads into the distance. In the center, a medical cart with a monitor and a gurney are visible. On the right, a white reception desk is staffed with two people. Behind the desk, there are white cabinets, a water dispenser, and several potted plants. The ceiling is white with recessed circular lights.

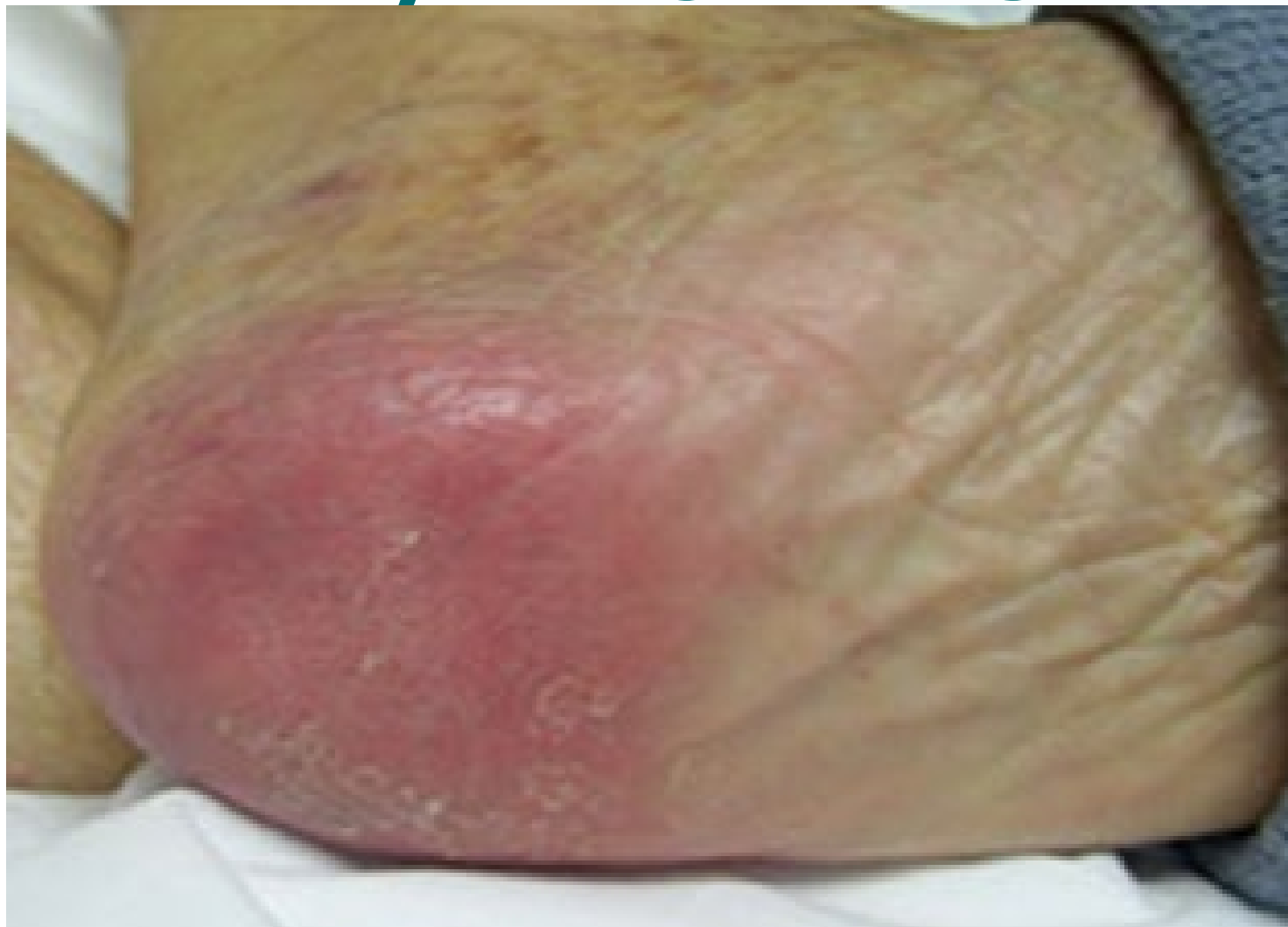
01

# Case Examples:

- Gangrene and Amputation
- "Unavoidable" Abscess
- Non-healing Surgical Wound
- Septic Sacral Ulcer
- Non-Compliant Resident
- The Minimalist



# Why Do We...



[https://www.atrainceu.com/images/img\\_57\\_wound\\_assess/heel\\_stage\\_1.jpg](https://www.atrainceu.com/images/img_57_wound_assess/heel_stage_1.jpg)  
pg

## Watch & Wait



# VS



<https://pbs.twimg.com/media/B3QVRggIEAAbx0d.jpg>

## Refer

# CASE STUDY #1

Do you ever admit a patient like this?



[https://owqo93fpiuc4633lp1zthz57-wpengine.netdna-ssl.com/wpcontent/uploads/sites/11/2018/12/bedsoreheels\\_145702.jpg](https://owqo93fpiuc4633lp1zthz57-wpengine.netdna-ssl.com/wpcontent/uploads/sites/11/2018/12/bedsoreheels_145702.jpg)



# CASE STUDY #1

Do you ever admit a patient like this?



[https://owqo93fpiuc4633lp1zthz57-wpengine.netdna-ssl.com/wpcontent/uploads/sites/11/2018/12/bedsoreheels\\_145702.jpg](https://owqo93fpiuc4633lp1zthz57-wpengine.netdna-ssl.com/wpcontent/uploads/sites/11/2018/12/bedsoreheels_145702.jpg)

And their wound becomes this?



[https://www.woundsource.com/sites/default/files/styles/large/public/blogs/black\\_necrotic\\_pressure\\_area\\_on\\_heel.jpg?itok=8yPbbTrZ](https://www.woundsource.com/sites/default/files/styles/large/public/blogs/black_necrotic_pressure_area_on_heel.jpg?itok=8yPbbTrZ)



<https://www.podiatrytoday.com/sites/default/files/photos/pt0305ce3.jpg>

# CASE STUDY #1

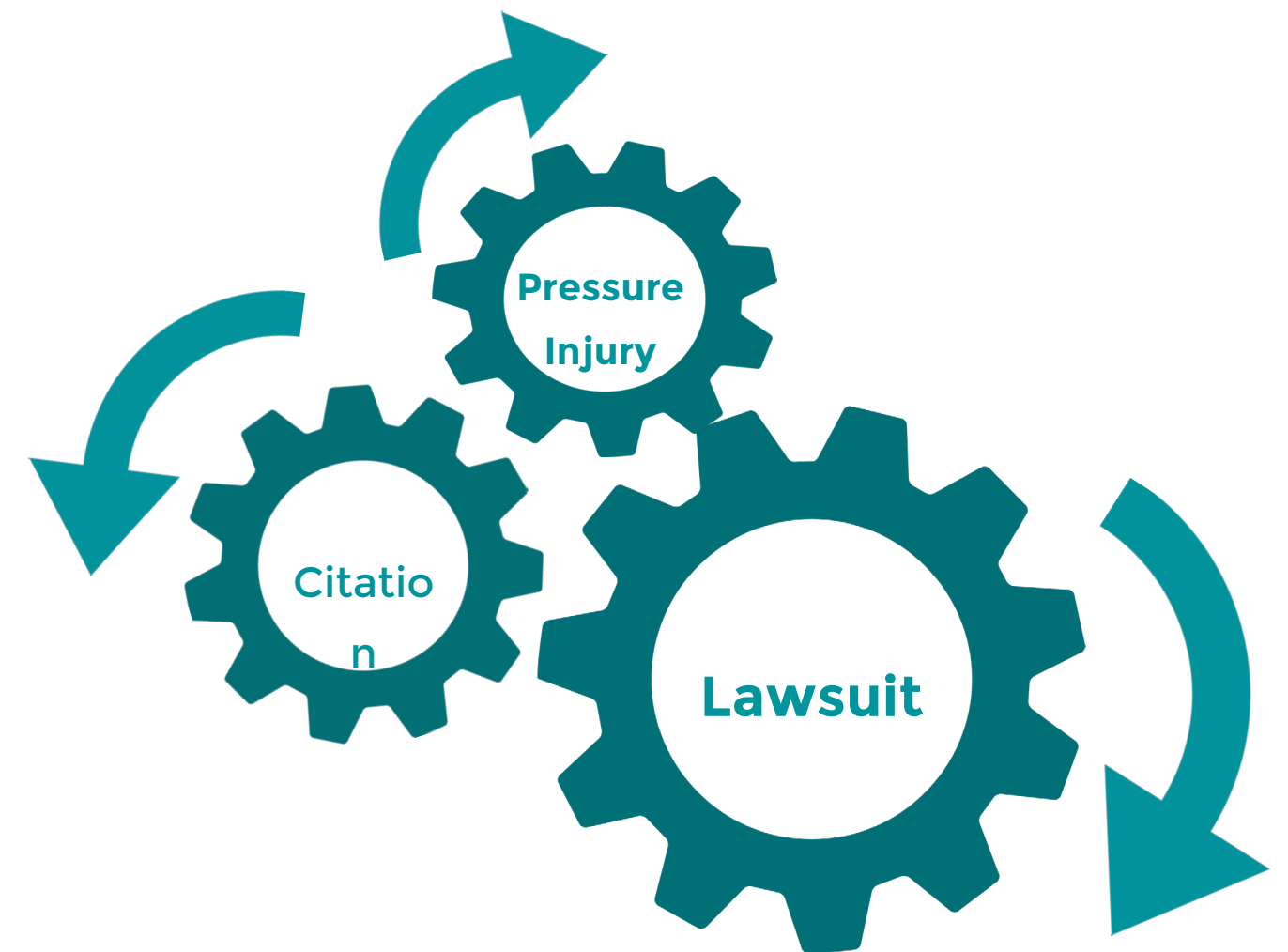


All the  
sudden  
you may  
have this

**Could the facility have  
prevented the amputation?**

Could the facility have prevented the amputation?

# CASE STUDY #1

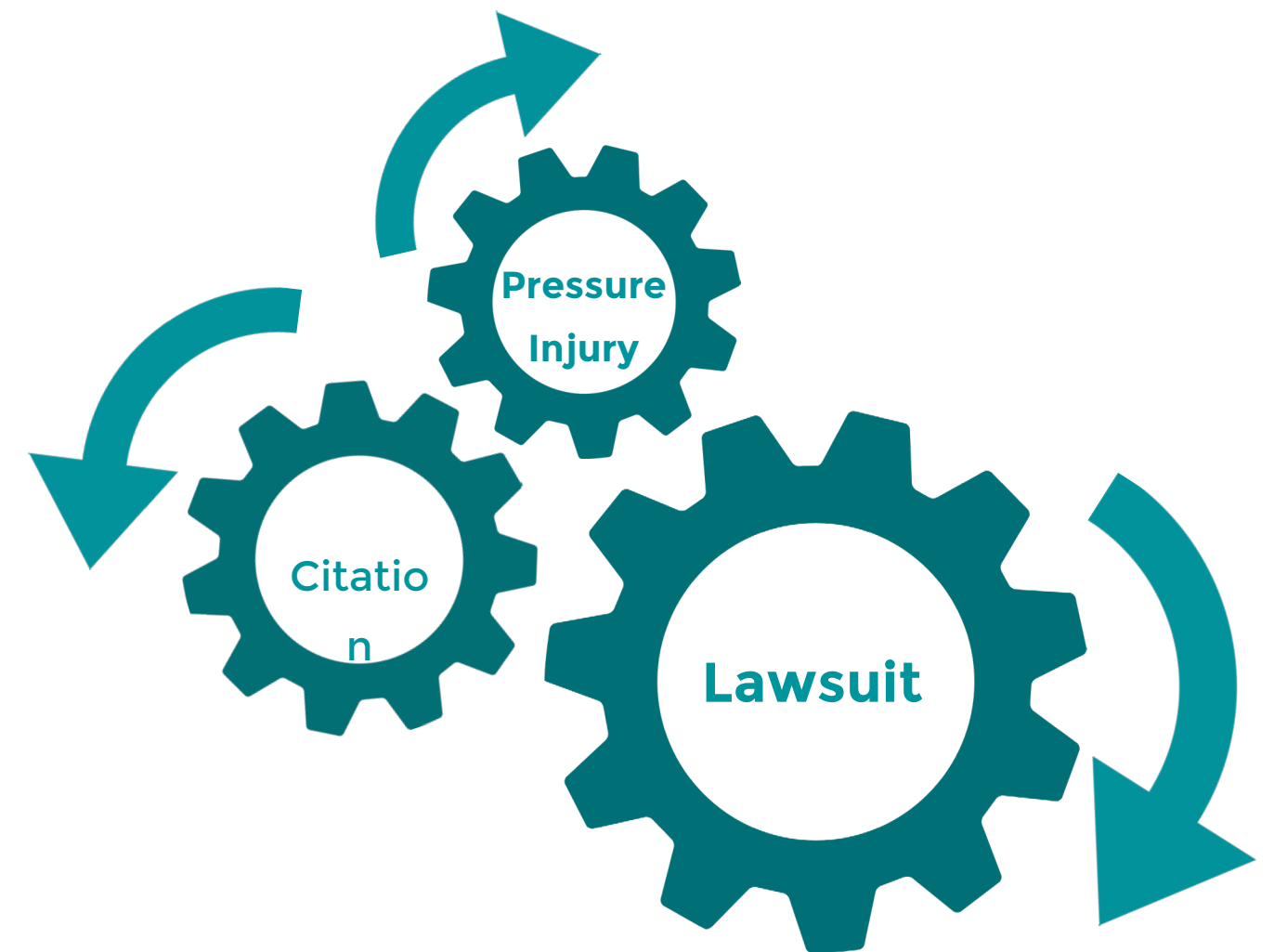




# CASE STUDY #1

Could the facility have prevented the amputation?

No, but they could have prevented the lawsuit.

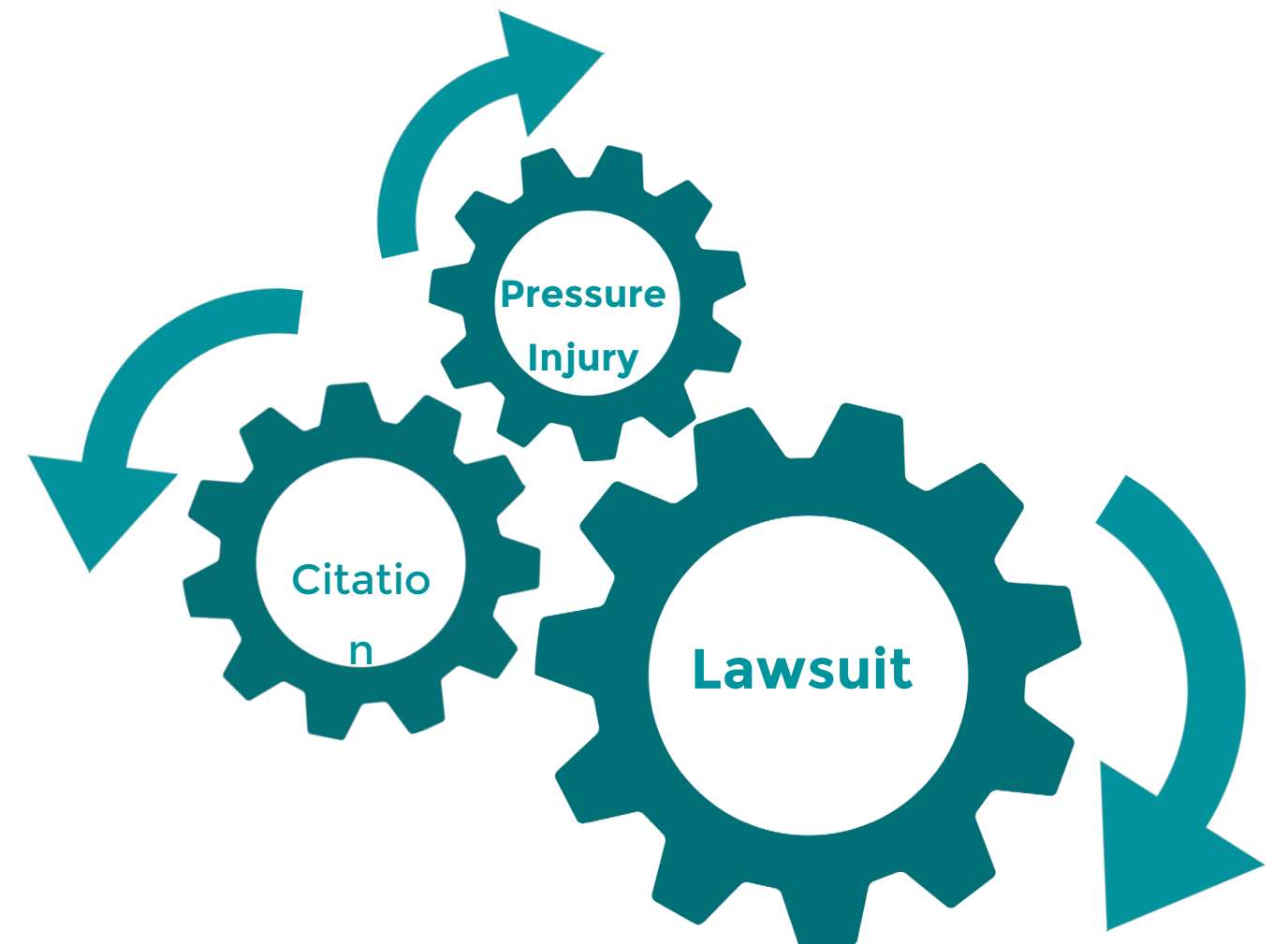


# CASE STUDY #1

Could the facility have prevented the amputation?

No, but they could have prevented a lawsuit.

- 1) ACCURATE INITIAL ASSESSMENT & REFERRAL
- 2) PATIENT & FAMILY INVOLVEMENT
- 3) EARLY DISCUSSION OF OPTIONS
- 4) EDUCATED OUTCOME EXPECTATIONS



# CASE STUDY #2



<https://upload.wikimedia.org/wikipedia>  
dia

PATIENT HAS BEEN IN-HOUSE  
DEVELOPS AN AREA TO THE BUTTOCK  
AREA IS RED & SWOLLEN  
OPENS RAPIDLY & DETERIORATES TO THE BONE



# CASE STUDY #2



<http://i.imgur.com/DU0da.jpg>

Patient Returns:

Dx

Stage 4 Acquired Pressure Ulcer

# CASE STUDY #2

AREA IS NOT PRESSURE AT ALL  
BUT DUE TO AN INFECTIOUS PROCESS

THE PROBLEM:

ONCE THE INFECTION IS RESOLVED  
AREA APPEARS AS A STAGE 4 PRESSURE  
INJURY

THE INITIAL ASSESSMENT AND  
DOCUMENTATION IS CRUCIAL



# CASE STUDY #3

## Non-Healing Surgical



[https://www.woundsource.com/sites/default/files/patient-condition/dehiscd\\_surgical\\_wound\\_5.jpg](https://www.woundsource.com/sites/default/files/patient-condition/dehiscd_surgical_wound_5.jpg)



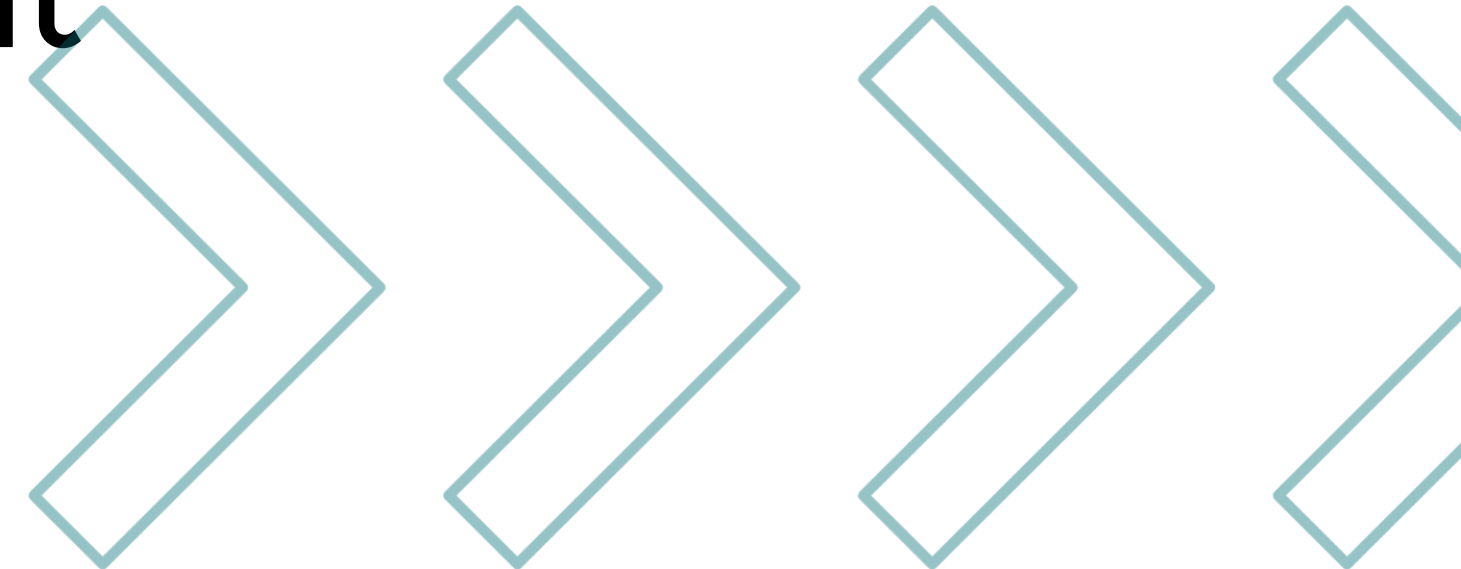
<https://www.researchgate.net/publication/323339895/figure/fig2/AS:596816877862913@1519303640157/Photograph-of-left-hip-wound-dehiscence-in-case-1-following-2-stage-revision-total-hip.png>



# CASE STUDY #3

## Non-Healing Surgical

- Surgical incision is red or starting to drain
- Physician notified
- No new orders
- Watch and wait



# Infected "Septic" Sacral Ulcer

## CASE STUDY #4



<http://sci.washington.edu/images/unstageable-a.png>



[https://www.sciencesource.com/Doc/TR1\\_WATERMARKED/0/2/9/6/SS2508815.jpg?d63642474267](https://www.sciencesource.com/Doc/TR1_WATERMARKED/0/2/9/6/SS2508815.jpg?d63642474267)



Not

# CASE STUDY #4

## Acute Condition

*Requires Aggressive Management*

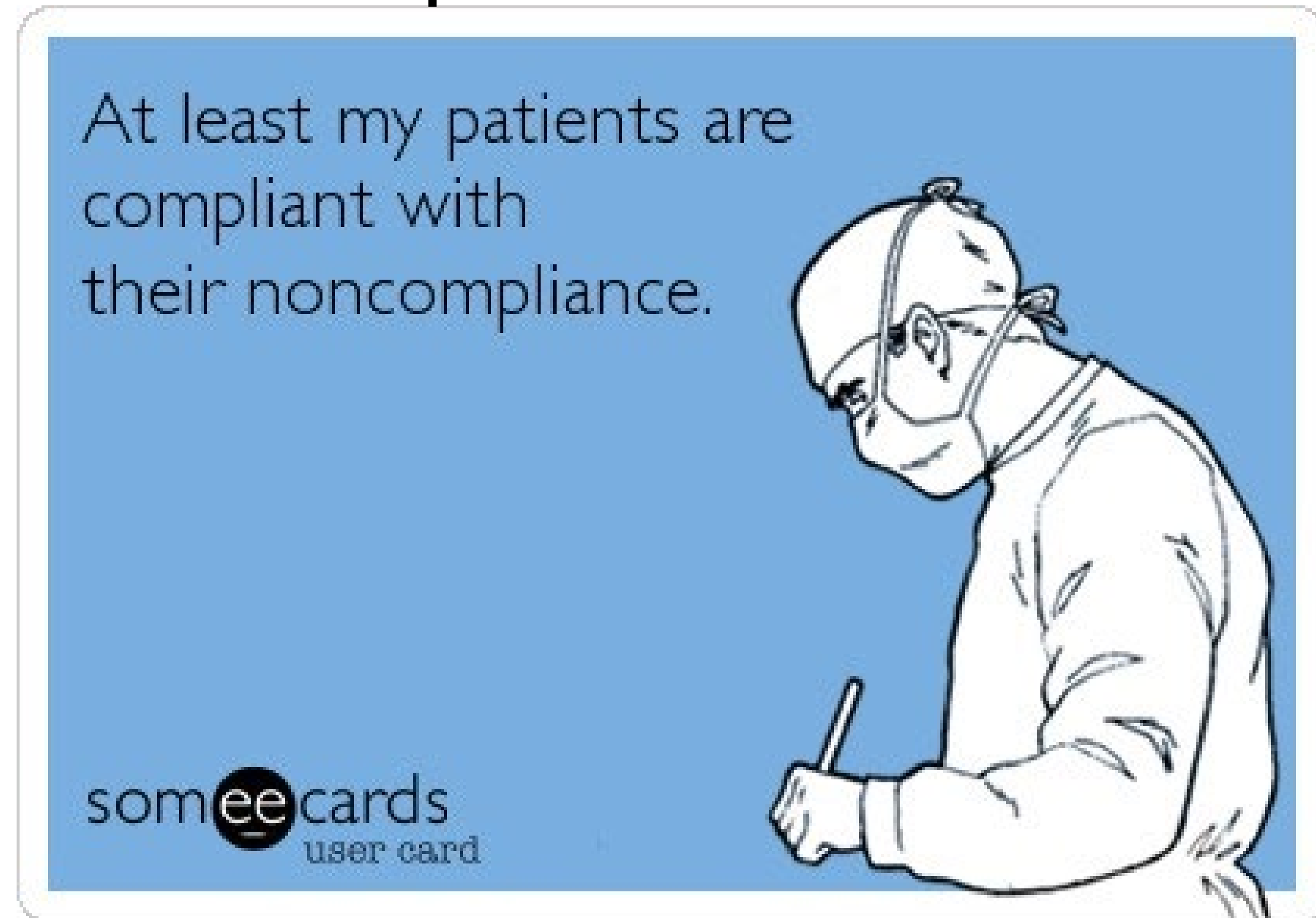
- Labs
- Debridement (Bedside vs. Surgical)
- Culture (Aerobic and Anaerobic)
- Test for Osteomyelitis
- Monitor for Sepsis





# CASE STUDY #5

## Non-Compliance



<https://www.nursegonestrong.com/blog/the-non-compliant-patient-are-we-any-better>

# CASE STUDY #5

## Non-Compliance

Off-Loading

Showers

Dressing Changes

# CASE STUDY #6

## The Minimalist

- **PRESENT FOR 12 WEEKS**
- **GETS BETTER ...GETS WORSE**
- **VIRTUALLY STAYS THE SAME**
- **COMORBID CONDITIONS**
- **ANNUAL SURVEY RESIDENT OF  
FOCUS**






# CASE STUDY #6

## The Minimalist

RESIDENT SHOWS UP NUMEROUS TIMES ON THE  
2567 IN MULTIPLE CITATIONS...

- ACQUIRED PRESSURE INJURY
  - INCONTINENCE CARE
  - FEEDING AND ASSISTING RESIDENTS IN THE  
DINING ROOM
  - COMPREHENSIVE CARE PLANS
- 

# PREDICTION

- Meeting Utilization
- Advocate For Awareness
- Anticipate Transition
- Communicate Prognosis





## In Conclusion:

- Early Assessment
- Accurate Identification
- Aggressive Intervention
- Detailed Documentation
- Thorough Communication
- Comprehensive Risk Management





# THANK YOU



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