



# VCU

Virginia Commonwealth University  
VCU Scholars Compass

---

VCU Health Nursing

VCU Health

---

2023

## UR-INE Good Hands in the Neuroscience Intensive Care Unit

Molly Lehatto

VCU Health, [molly.jones@vcuhealth.org](mailto:molly.jones@vcuhealth.org)

Courtney Hastings

VCU Health, [courtney.hastings@vcuhealth.org](mailto:courtney.hastings@vcuhealth.org)

Monika Mehlbrech

VCU Health, [monika.mehlbrech@vcuhealth.org](mailto:monika.mehlbrech@vcuhealth.org)

Christina Szabo

VCU Health, [chris.szabo@vcuhealth.org](mailto:chris.szabo@vcuhealth.org)

Follow this and additional works at: <https://scholarscompass.vcu.edu/vcuhealthnursing>



Part of the [Nursing Commons](#)

This poster is distributed under a Creative Commons Attribution-NonCommercial-NoDerivatives 4.0 International (CC BY-NC-ND 4.0) License (<https://creativecommons.org/licenses/by-nc-nd/4.0/>)

---

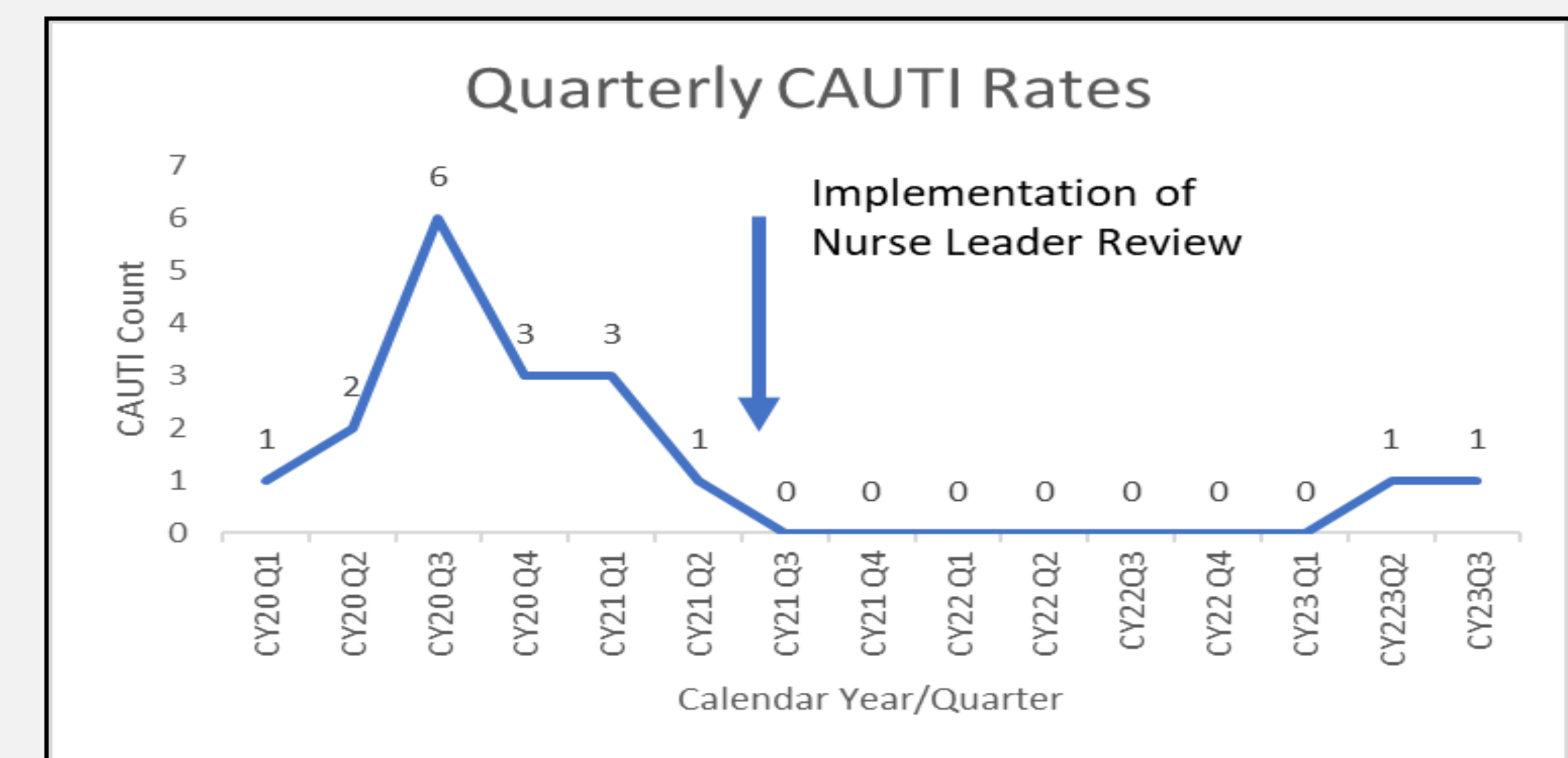
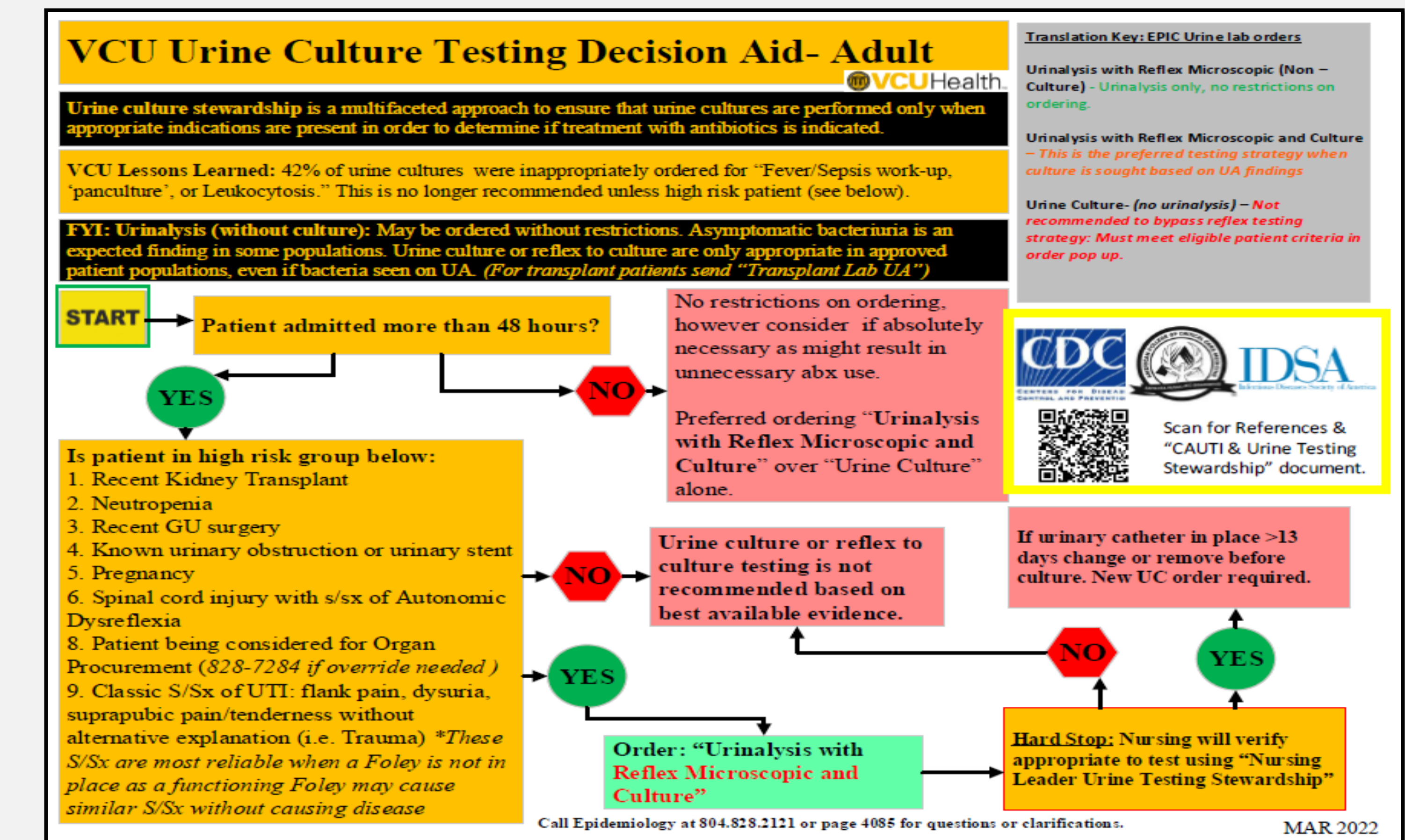
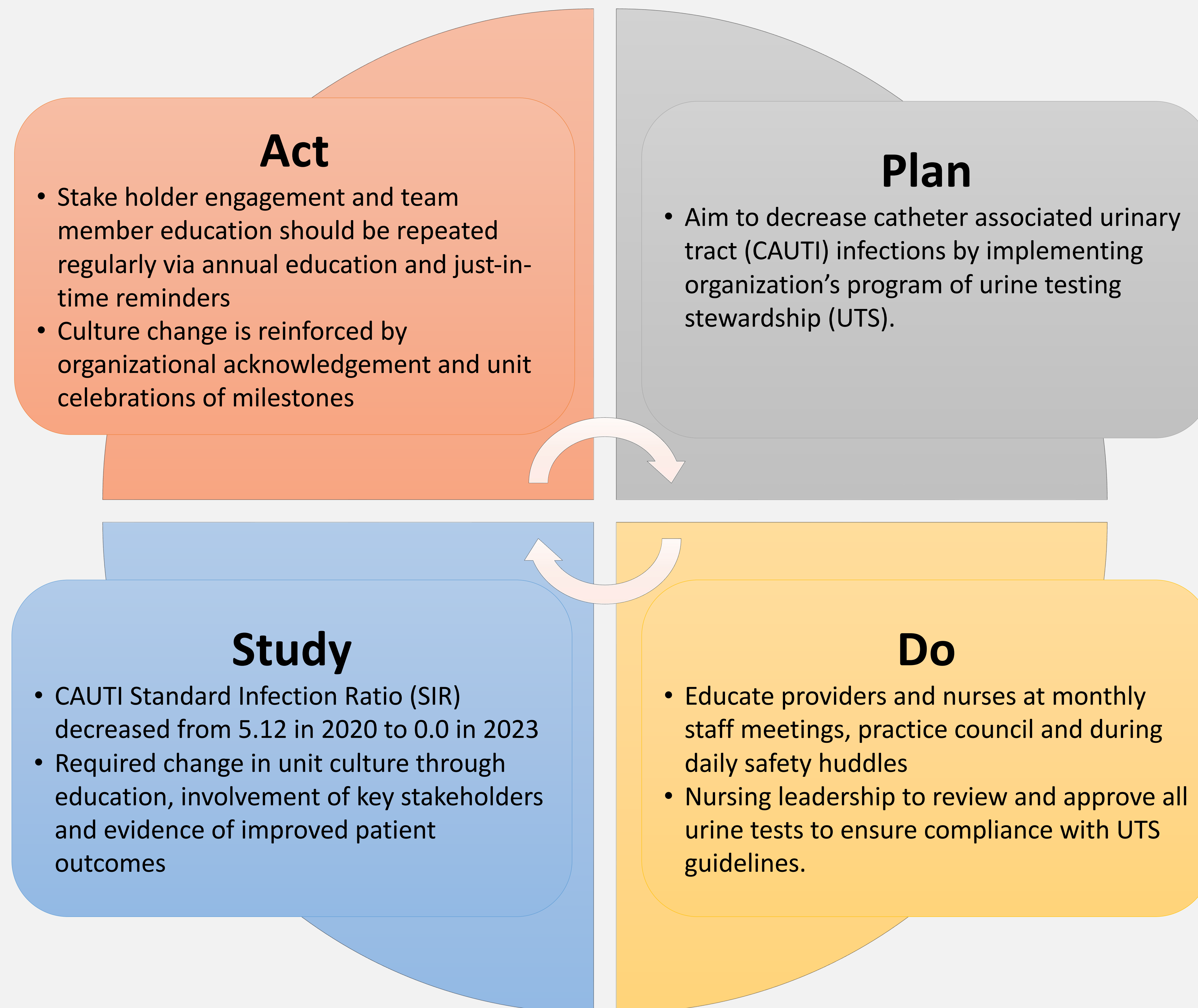
Downloaded from

<https://scholarscompass.vcu.edu/vcuhealthnursing/17>

This Poster is brought to you for free and open access by the VCU Health at VCU Scholars Compass. It has been accepted for inclusion in VCU Health Nursing by an authorized administrator of VCU Scholars Compass. For more information, please contact [libcompass@vcu.edu](mailto:libcompass@vcu.edu).

# URINE Good Hands in the Neuroscience Intensive Care Unit

Molly Lehatto MS, RN, PCCN,SCRN; Courtney Hastings, MS, RN;  
Monika Mehlbrech, MS, RN; Chris Szabo, PhD, RN,CNRN,CCRN-K



## Lessons Learned

- Combined with evidence-based strategies (male and female alternative devices, daily review for necessity, chlorhexidine (CHG) bath treatment, and utilization of the organizational nurse-led bladder management algorithm for urinary catheter removal), we successfully implemented urine testing stewardship.
- We eliminated the unnecessary use of antimicrobials and providers have become more likely to approve catheter removal earlier in the course of hospitalization.
- This initiative was successful as evidenced by the reduction in CAUTI rates and the change in culture on the unit.
- Implementation of UTS in particular requires collaboration among all team members and support from providers, team members, and organizational leaders.

References available upon request



# URINE Good Hands in the Neuroscience Intensive Care Unit

Molly Lehatto MS, RN, PCCN,SCRN; Courtney Hastings, MS, RN;  
Monika Mehlbrech, MS, RN; Chris Szabo, PhD, RN,CNRN,CCRN-K



## VCU Urine Culture Testing Decision Aid

**Urine culture stewardship** is a multifaceted approach to ensure that urine cultures are performed only when appropriate indications are present in order to determine if treatment with antibiotics is indicated.

**VCU Lessons Learned:** 42% of urine cultures were inappropriately ordered for “Fever/Sepsis work-up, ‘panculture’, or Leukocytosis.” This is no longer recommended unless high risk patient (see below).

**FYI: UA (without culture):** May be ordered without restrictions. Asymptomatic bacteriuria is an expected finding in some populations. Urine culture or reflex to culture are only appropriate in approved patient populations, even if bacteria seen on UA. (For transplant patients send “Transplant Lab UA”)

### Translation Key: Common Cerner Orders

#### Urinalysis (UA)-Use this order now

- UA stat w mic on pos
- UA w mic on pos
- Urinalysis w microscopic on pos
- Urinalysis w microscopic on pos

#### Urinalysis with Reflex -Use this order now

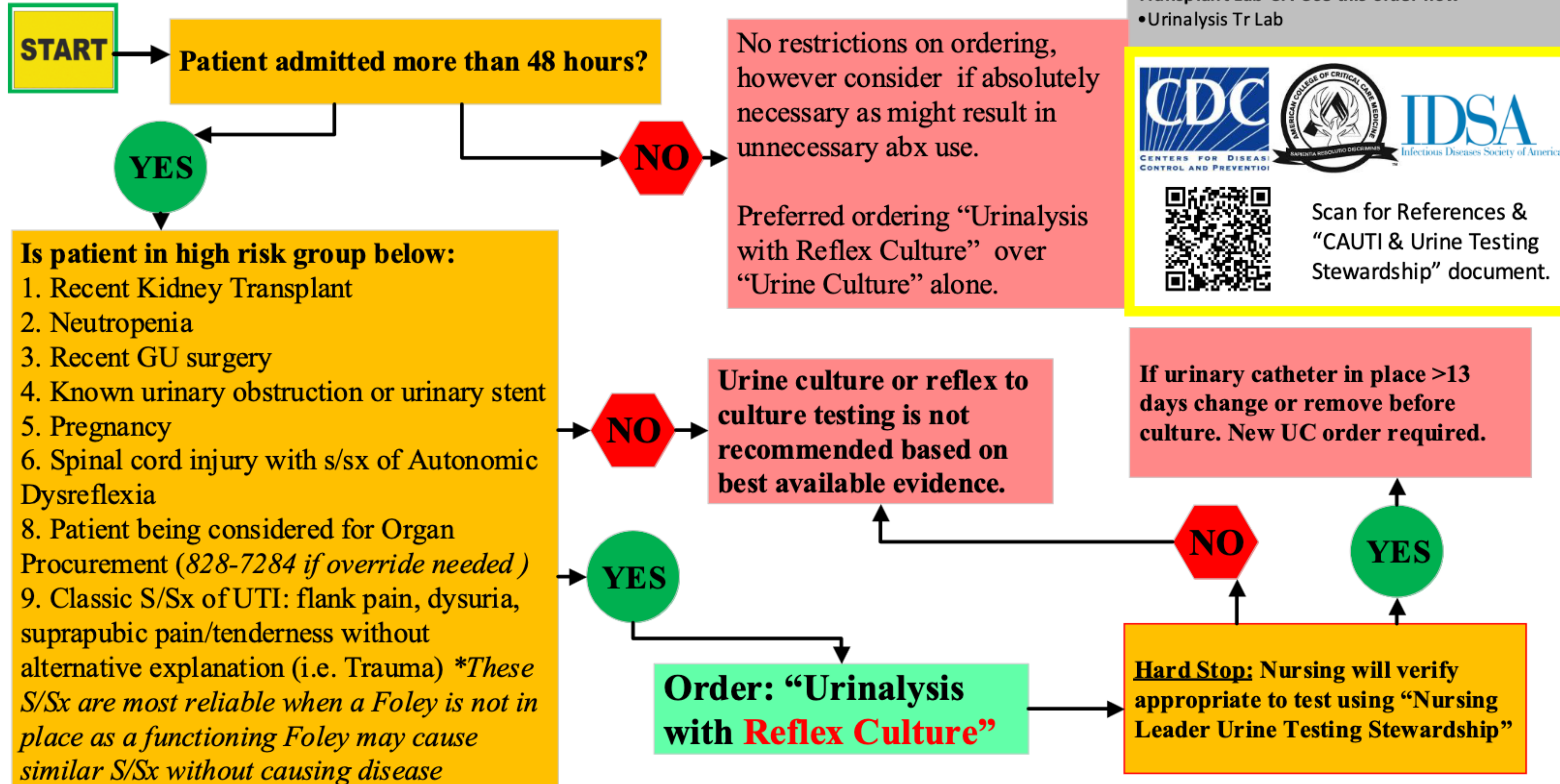
- UA Stat w mic on Pos reflex Ur Culture
- UA with mic on Pos w reflex Ur Culture
- UA with Reflex Culture
- Urinalysis Stat with reflex Culture

#### Urinalysis with Reflex Culture-Use this order now

- Urine Culture
- Urine Culture

#### Transplant Lab UA-Use this order now

- Urinalysis Tr Lab



Scan for References & “CAUTI & Urine Testing Stewardship” document.