Managing LDA's Using the LDA Avatar

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BACKGROUND

- With the Epic Upgrade 2018, LDAs (lines, drains and airways) can be documented against using the Avatar- a visual representation of the body.

P I C O

- **P-** Med-surg nurses with a patient with LDA

- **I-** Use of new technology (Avatar)

- **C-** Current documentation in flowsheets

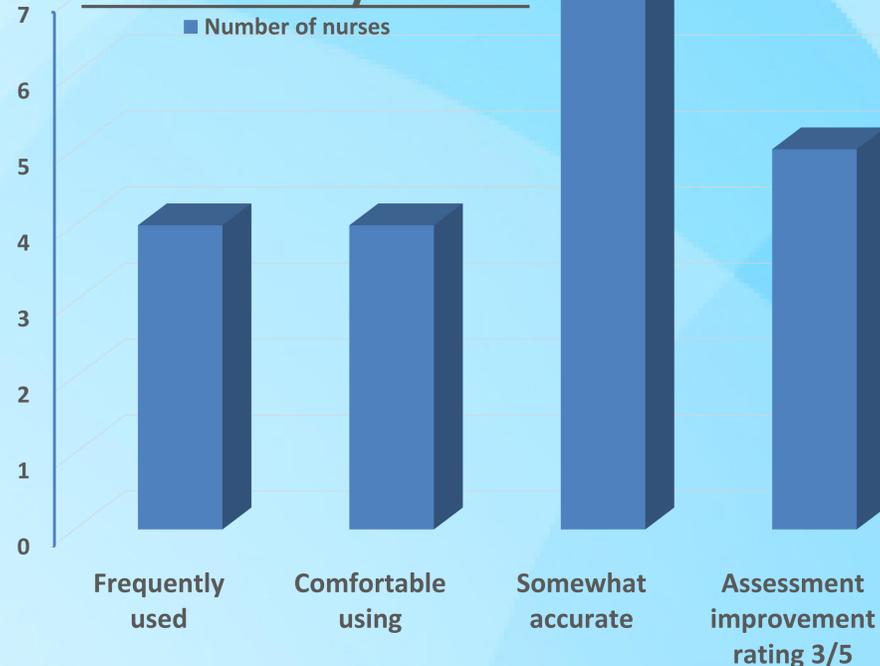- **O-** Documentation of assessments of LDAs

EVIDENCE

- Wound documentation by hospital staff is often incomplete. Without wound documentation, verbal communication between staff is less effective in skin assessment.

- 15-24% of hospitalized patients have a diagnosed pressure ulcer which can occur as quickly as 2-4 hours in the same position. Proper documentation of these wounds is essential for report between staff members for immediate intervention or prevention.

- Structured documentation and knowledge along with the use of standardized language provides nursing data that are reliable and meaningful.

OUTCOMES

SURVEY RESULTS BASED ON 9 FLOOR NURSES:

- 1) How frequent are you using the "Avatar?"
  Always (1) Frequently (4) Rarely (2) Never (2)

- 2) How comfortable are you with using the "Avatar?"
  Very comfortable (3) Comfortable (4)   Uncomfortable (1)
  Very uncomfortable (1)

- 3) How accurate is the documentation using the "Avatar" in regards to lines, drains, and wound documentation compared to the physical patient?
  Very accurate (1) Somewhat accurate (7)
  Not accurate (1)

- 4) How would you rate the improvement of skin assessment using the "Avatar?"
  1 (3), 2 (0), 3 (5), 4 (1), 5 (0)
  Numerical scale: 1-5 (1 = no improvement, 5 = noticeable)

Avatar Survey Results

IMPLEMENTATION

- Nurse survey
- Use of EPIC tip sheet
- Hands-on educations with nurses and have them sign off on education.
- Email to all 4K nurses to remind to use Avatar for documentation
- Encourage use of PER to communicate between nurses as Avatar is located on this screen
- Utilize PCS to include information in morning safety huddle

NEXT STEPS

- Provide education and tips for Avatar use during huddle and/or report.
- Perform dual nurse assessment for LDA accuracy
- Encourage use of Avatar and open communication for ways to make improvements.

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