An Evaluation of Resident Confidence in Conducting Ultrasound Guided Peripheral IV Placement Before and After Hands-on Workshop

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Our mission

Above all else, we are committed to the care and improvement of human life.
Quality Improvement

Disclaimer:

"This project was undertaken as a Quality Improvement Initiative at Grand Strand Medical Center, and as such was not formally supervised by the IRB per their policies."
Why did we do this project?
This research was supported (in whole or in part) by HCA Healthcare and/or an HCA Healthcare affiliated entity. The views expressed in this publication represent those of the author(s) and do not necessarily represent the official views of HCA Healthcare or any of its affiliated entities.

https://www.reddit.com/r/Residency/comments/gcung9/meme_it_be_like_that_most_times/

https://www.pinterest.com/pin/352406739593597679/
So... how do we know if our curriculum worked?
YOU GET A SURVEY!

AND YOU GET A SURVEY!

Pre-Workshop Survey Results
Have you ever attended an ultrasound guided peripheral IV insertion workshop?

- Yes: 61.5%
- No: 38.5%
Pre-Workshop Results

- How comfortable are you with the idea of performing ultrasound-guided peripheral IV insertions?
- How important do you believe ultrasound guided peripheral IV insertions are for your current residency?

Low: 46%
Medium: 34.60%
High: 50%

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Our Workshop
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Post-Workshop Survey Results
On a scale of 1-10, how comfortable are you with the idea of performing ultrasound-guided peripheral IV insertions?

On a scale of 1-10, how likely are you to perform an ultrasound-guided peripheral IV insertion now following this workshop?
On a scale of 1-10, how useful did you find this workshop?

- Low: 0%
- Medium: 21%
- High: 79%
Resident Feedback

- Incorporation of more realistic simulation models featuring real flash

$3600

$3.30


https://emultrasound.sdsc.edu/index.php/2017/12/07/usgpi-v-phantom/
Limitations

• 26 pre-survey responses, but only 14 post-survey responses
• Lack of continuity
• Next steps might include repeating the workshop later in the year to monitor resident progress and clinical use of skills taught
In conclusion,

https://makeameme.org/meme/practice-makes-perfect-b054400446
Questions?