



Council of
Emergency Medicine
Residency Directors

Best Practices in Residency Education – CORD 2018

Session title	<i>Innovation Curriculum 560 session: Cognitive Errors in Medicine: How do we Incorporate Education on this into our Curriculum?</i>
Speaker name (s)	Robin Naples MD and William Woods MD
How this info can change current practice	The practice of Emergency Medicine is inherently a high-risk environment for cognitive errors to occur due resource limitations, cognitive load, decision fatigue, interruptions and distractions, sleep deprivation and sleep-debt from shift work and many other external and internal factors of our job and workplace. Little formal education is given to trainees regarding cognitive errors, the role they play in diagnostic error and the impact of patient safety and patient outcomes. Debiasing strategies exist so that physicians can recognize cognitive error in real time and thus correct their diagnostic path. By instituting education on cognitive errors into your residency program, it allows residents early exposure to these concepts so that they can gain better insight into potential pitfalls once working independently.
Major teaching point #1	Identifying and discussing the cognitive errors that occurred when reviewing your M&M cases during resident conference is the most direct way to introduce these concepts.
Major teaching point #2	Creating simulation scenarios that reveal cognitive errors provides a safe space for residents to reflect upon what led to their error as well as create a strategy to avoid a similar path in the real clinical environment. It also allows the resident to redo the case utilizing the new debiasing strategies he/she just learns to reinforce the correct thought process.
Major teaching point #3 (as needed)	Faculty development is need so that the educators within the department are able to speak a consistent language and reinforce the educational goals of your curriculum.
Helpful resources for more information	Cognitive errors. Can we incorporate it into the curriculum? Facts and fiction https://goo.gl/hbZRA6
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