

ALiEM AIR-Pro Series: Identifying quality content from blogs and podcasts for the senior emergency medicine resident

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Background

- The ACGME has allowed EM residency programs to use asynchronous learning. Identifying quality online resources that would also fulfill ACGME's reporting criteria (program director monitoring, evaluation component, faculty oversight, program effectiveness) is challenging.
- Using crowd sourced expertise, the Approved Instructional Resources (AIR) series from Academic Life in Emergency Medicine (ALiEM) was created in 2014 to provide a credible method to identify quality educational blogs and podcasts.
- We thus created the AIR-Pro series in 2015, an offshoot of the original AIR series, aimed to cover more advanced concepts for the senior resident.

Methods

- The AIR-Pro series is a continuously building curriculum covering a new subject area every 2 months.
- For each area, 6 EM Chief Residents identify 3-5 advanced clinical questions.
- Using FOAMsearch.net to search blogs and podcasts, relevant posts are scored by 8 reviewers from the AIR-Pro Board (faculty and chief residents at various institutions).

Methods

- The scoring instrument contains 5 measurement outcomes (7-point Likert scale): recency, accuracy, educational utility, evidence based, and references.
- The AIR-Pro Approved label is given to posts with a score of ≥ 28 (out of 35) points and these are featured in the blog posting. An Honorable Mention label is given if Board members collectively felt that they were valuable.
- For each AIR-Pro subject area, a multiple choice quiz is written based on the featured posts.
- Educator dashboard access of the Google Drive quizzes is given to program directors for monitoring and EM residents can receive official III credit upon completion of each quiz.

Results

- As of March 1, 2016, there have been 3 modules published on ALiEM with 1,550 (Cardiovascular), 1,959 (Trauma), 1,203 (Pediatrics) page views worldwide.
- Although early in development, 24 different institutions are using the AIR-Pro Series with over 200 residents completed the cardiovascular, trauma and pediatrics quizzes.
- We anticipate more than this number as the original AIR Series has over 73 programs using it for asynchronous credit.

Analytics



By Fareen Zaver, MD. AIR-Pro Series: Trauma (2015). Acad Life in Emerg Med. Published: November 23, 2015. <http://www.aliem.com/2015/air-pro-series-trauma-2015/>

Conclusions

- The AIR-Pro series is a novel, objective, crowd sourced approach towards identifying quality, educational, social media content for the advanced EM resident.

Limitations/Disclosures

- No disclosures



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