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**Project title:**

Do Audience Response Systems Improve Learning in Health Professions Trainees: A Systematic Review

**Project description:**

**Background:** With increasing enrollment in health professions programs, there is increased interest in using audience response systems to increase class participation in large group teaching sessions. Audience response systems have been in place for over fifteen years, yet the results of independent evaluations have been mixed. Audience response systems potentially allow for a more student centered teaching experience.

**Objectives:** We aim to perform a systematic review of the literature to determine the impact of audience response systems in health professions training. This may allow both faculty development training and health professions school curricula to be modified to allow audience response systems to be incorporated more effectively in to current teaching practices.

**Methods:** Based on an agreed upon research question, inclusion and exclusion criteria and a checklist will be developed for evaluation of potential studies. A complete literature review of audience response systems in health professions trainees will be

performed. Studies that meet the predetermined checklist criteria will be summarized and written up as a systematic review research paper with the goal for publication in a peer reviewed journal.

**Conclusions:** Systematic evaluation of audience response systems is necessary to allow appropriate targeting of the existing resources and to guide the successful development and implementation of future initiatives.

**Key Words:** audience response systems, systematic review, health professions education, teaching

**Length of project:** 4 months (project work hours are extremely flexible)