

Evidence Based Medicine: Going beyond Improving Physicians Viewpoints, Usage and Challenges Upcoming

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Abstract : To survey the attitudes, awareness, and practice of Evidence Based Medicine (EBM), and to determine the barriers that influence apply' EBM in therapeutic process among clinical residents in Iran. We conducted a cross sectional survey during September to December 2012 at the teaching hospitals of Tehran University of Medical Sciences among 79 clinical residents from different medical specialties. A valid and reliable questionnaire consisted of five sections and 27 statements were used in this research. We applied Spearman and Mann Whitney test for correlation between variables. Findings showed that the knowledge of residents about EBM is low. Their attitude towards EBM was positive but their knowledge and skills in regard with the evidence based medical information resources were mostly limited to PubMed and Google scholar. The main barrier was the lack of enough time to practicing EBM. There was no significant correlation between residency grade and familiarity and use of electronic EBM resources (Spearman, $P = 0.138$). Integration of training approaches like journal clubs or workshops with clinical practice is suggested.

Keywords : evidence-based medicine, clinical residents, decision-making, attitude, questionnaire

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