



# EBES

## SUMANDEEP VIDYAPEETH

AN INNOVATIVE SYSTEM—BY SUMANDEEP VIDYAPEETH



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Dear all,

As the Editor-in-Chief of EBES newsletter, it gives me immense pleasure to share 5<sup>th</sup> issue of newsletter. With the purpose of educating health professionals, the EBES core committee successfully completed the staff training program and PG orientation programs for the year 2018. Sumandeep Vidyapeeth EBES team has reached another milestone by conducting workshop (outreach program) in international forum at Gulf Medical University. To facilitate the Evidence-based practice, the institution has also subscribed to TripPro Database.



**Dr. Seema Bargale**  
EDITOR-IN-CHIEF

## Major events under EBES

### EBES Orientation Program on "Acquiring Evidence"

Evidence based education system (EBES) is one of the best practices adapted by Sumandeep Vidyapeeth. For effective practice of evidence based health care (EBHC), SV has subscribed evidence based data base i.e., TripPro Data base. Hence to orient the faculty members about this database, EBES planned this program. Mr. Kishore Sakariya briefed about search Strategies in TripPro and Dr. Arti Muley explained about the features available in TripPro and demonstrated how to use the database.



## Outreach Program

Dr. Prasad Muley and Dr. Arti Muley successfully conducted the pre-conference workshop on Evidence-based Journal club at Gulf Medical University, UAE during 7th International conference of International Society of Evidence-based Health Care,

### EBES Orientation programs

EBES committee takes pride and pleasure in successfully organizing the student capacity building workshops. In EBES PG orientation programs, the post graduate students from all specialties were thought how to incorporate evidence in day-to-day practice. Series of lectures and hands-on activities were conducted on each step of EBP (Ask, Acquire, Appraise, Apply, Analyze and community practice). The program was conducted in each constituent colleges of Sumandeep.

Sr. No	Details	Dates
<b>Year 2018</b>		
1	EBES PG Orientation Program	10/08/2018
2	EBES PG Orientation Program	28/08/2018
3	EBES PG Orientation Program	09/10/2018
4	EBES PG Orientation Program	16/10/2018
5	EBES PG Orientation Program	22/11/2018



## Critical Appraisal of Scientific Article

Evidence-based practice is the integration of individual clinical expertise with the best available external clinical evidence obtained from systematic research and patient's values and expectations into the decision making process for patient care. It is a fundamental skill to be able to identify and appraise the best available evidence in order to integrate it with your own clinical experience and patient's values. Critical appraisal is the course of action for watchfully and systematically examining research to assess its reliability, value and relevance in order to direct professionals in clinical decision making. Critical appraisal is essential to Combat information overload, identify papers that are clinically relevant and for Continuing Professional Development (CPD).

The process of critical appraisal begins with identifying the research question and evaluating of the article in question addresses it or not. It is followed by identifying the study design and evaluating what outcome factors and study factors have been measured and how they have been measured, what statistical analysis has been performed and what are the conclusions made and if those conclusions address the research question properly or not. Based on all these evaluations, the validity of the study is determined.

The validity of a research study refers to how well the results among the study participants represent true findings among similar individuals outside the study. This concept of validity applies to all types of clinical studies. The validity of a research study includes two domains: internal and external validity. Internal validity is defined as the extent to which the observed results represent the truth in the population we are studying and, thus, are not due to methodological errors. There are various tools available for assessing the internal validity of a study. The link for CEBM critical appraisal worksheets for all the type of studies is: <https://www.cebm.ox.ac.uk/resources/ebm-tools/critical-appraisal-tools>

Once the internal validity of the study is established, the researcher can proceed to make a judgment regarding its external validity by asking whether the study results apply to similar patients in a different setting or not. The internal and external validities of the study in turn determine the Applicability of the study to the local population.

**Dr. Palak H. Shah,**  
**Senior Lecturer,**  
**Oral Medicine & Radiology,**  
**KMSDCH**

### Evidence-based Nursing (EBN) Education

Evidence-based practice (EBP) is the process of collecting, processing, and implementing research findings to improve clinical practice, the work environment, or patient outcomes. According to the American Nurses Association, nursing interventions should be practical, methodical decisions based on EBP research studies. Utilizing the EBP approach to nursing practice helps us provide the highest quality and most cost-efficient patient care possible. In this regard, the teaching scenario has moved from the traditional clinical practice to encourage students to always enquire and search for the best evidence for answering health questions, given in this way scientific credibility to the clinical evaluation. The evidence-based teaching in clinical nursing is as effective as traditional teaching, in addition to improving knowledge, skills, and high quality caring. Evidence-based teaching and active teaching approaches, as well as problem solving approaches are effective in the improvement of creative thinking.

Mr. Suresh V

Associate Professor,  
Sumandeep Nursing College

### Quiz Time ???

1. Archie's system of determining effectiveness of evidence is known as \_\_\_\_\_
2. Using logical thought processes is called \_\_\_\_\_
3. Event that increased the demand for nurses was \_\_\_\_\_
4. A combination of quantitative and qualitative research methods is known as \_\_\_\_\_

