

EVIDENCE BASED PHYSIOTHERAPY

Subject Title Duration Total Hours Theory / Lecture	: EVIDENCE BASED PHYSIOTHERAPY : 25 – 36 Months : 30 : 1 Hour / Week
Method of Assessment	: Written, Oral

1. Introduction to Evidence Based Practice: Definitions, Evidence Based Practice, Evidence Based Physiotherapy Practice [3 hours]
2. Concepts of Evidence based Physiotherapy: Awareness, Consultation, Judgement, Creativity [1 hours]
3. Development of Evidence based knowledge, The Individual Professional, Professionals within a discipline, Professionals across disciplines [2 hours]
4. Evidence Based Practitioner: The Reflective Practitioner, The E Model, Using the E Model [1 hours]
5. Finding the Evidence: Measuring outcomes in Evidence Based Practice, Measuring Health Outcomes, Measuring clinical outcomes, Inferential statistics and Causation [3 hours]
6. Searching for the Evidence: Asking Questions, Identifying different sources of evidence, Electronic Bibliographic databases and World Wide Web, Conducting a literature search. Stepby-step search for evidence [2 hours]
7. Assessing the Evidence: Evaluating the evidence; Levels of evidence in research using quantitative methods, Levels of evidence classification system, Outcome Measurements, Biostatistics, The critical review of research using qualitative methods [4 hours]
8. Systematically reviewing the evidence: Stages of systematic reviews, Meta analysis, The Cochrane collaboration [3 hours]
9. Economic evaluation of the evidence: Types of economic evaluation, Conducting economic evaluation, Critically reviewing economic evaluation, Locating economic evaluation in the literature [2 hours]
10. Using the evidence: Building evidence in practice; Critically Appraised Topics (CATs), CAT format, Using CATs, Drawbacks of CATs [2 hours]
11. Practice guidelines, algorithms, and clinical pathways: Recent trends in health care, Clinical Practice Guidelines (CPG), Algorithms, Clinical pathways, Legal implications in clinical pathways and CPG, Comparison of CPGs, Algorithms and Clinical Pathways [3 hours]

12. Communicating evidence to clients, managers and funders: Effectively communicating evidence, Evidence based communication in the face of uncertainty, Evidence based communication opportunities in everyday practice [2 hours]
13. Research dissemination and transfer of knowledge: Models of research transfer, Concrete research transfer strategies, Evidence based policy [2 hours]

Recommended books:

1. Evidence-Based Practice in Nursing and Health Care: A Guide to Best Practice ,by Bernadette Melnyk(Editor), Ellen Fineout-Overholt(Editor)
2. Evidence-Based Rehabilitation: A Guide to Practice,by Mary Law
3. Achieving Evidence-Based Practice, by Susan Hamer, BA, MA, RGN, FETC(DIST), 4. The Evidence-Based Practice by Stout, Randy A Hayes