

课程大纲

COURSE SYLLABUS

1.	课程代码/名称 Course Code/Title	循证医学 Evidence-based Medicine
2.	课程性质 Compulsory/Elective	必修 Compulsory
3.	开课单位 Offering Dept.	公共卫生及应急管理學院 School of Public Health and Emergency Management
4.	课程学分/学时 Course Credit/Hours	3 Credits/48 Hours
5.	授课语言 Teaching Language	中英 Chinese/English
6.	授课教师 Instructor(s)	魏晟 WEI Sheng
7.	开课学期 Semester	秋季 Fall
8.	是否面向本科生开放 Open to undergraduates or not	否 No
9.	先修要求 Pre-requisites	(如面向本科生开放, 请注明区分内容。 If the course is open to undergraduates, please indicate the difference.) 临床医学 clinical medicine
10.	教学目标 Course Objectives	<p>(如面向本科生开放, 请注明区分内容。 If the course is open to undergraduates, please indicate the difference.)</p> <p>本课程设计面向临床医学专业硕士的研究生, 讲授循证医学概述、临床问题的提出与临床研究设计类型、常用统计指标、证据检索、Meta 分析的制作及解读、证据等级与推荐级别、临床实践指南等, 并穿插经典研究案例。采用理论和实际相结合, 帮助学生理解和掌握循证思维和相关的科研方法, 拓宽学生视野, 提高学生的科研素质。</p> <p>This course is designed for master students majoring in clinical medicine. It teaches the introduction of evidence-based medicine, clarifying clinical questions and clinical study design, common statistical indicators, retrieving evidence, process and interpretation of meta-analysis, level of evidence and grade of recommendation, clinical practice guidelines, et al. The classic study cases will be introduced by following for the theoretical explanation. This course aims to help the learners understand and master evidence-based thinking and relevant methods, broaden their horizons and improve the scientific study skills by combining theory with practice.</p>
11.	教学方法 Teaching Methods	<p>(如面向本科生开放, 请注明区分内容。 If the course is open to undergraduates, please indicate the difference.)</p> <p>本课程拟运用理论与实际相结合的方式向学生讲授循证医学实践的步骤, 包括提出问题、检索证据和评价证据等。结合课堂提问, 学生实际演练, 圆满完成授课任务。</p> <p>This course aims to introduce the steps of evidence-based medicine practice, including clarifying questions, retrieving evidence, and evaluating evidence by integrating theory with practice. It is expected to successfully complete the teaching task by classroom questions and practical exercises.</p>

12.	教学内容 Course Contents (如面向本科生开放, 请注明区分内容。 If the course is open to undergraduates, please indicate the difference.)
Section 1	循证医学概论 Introduction to Evidence-based Medicine
Section 2	如何提出临床问题 How to clarify a clinical question
Section 3	临床研究的设计及评价--观察性研究 Design and evaluation of clinical studies – observational studies
Section 4	临床研究的设计及评价-试验性研究 Design and evaluation of clinical studies –Interventional studies
Section 5	循证医学常用指标 Common indicators in Evidence-based Medicine
Section 6	证据的检索 Searching for evidence
Section 7	系统综述 Systematic review
Section 8	Meta 分析及应用 Meta-analysis and applications
Section 9	病因和不良反应研究证据的评价与应用 Evaluation and application of evidence from etiology and adverse effects
Section 10	诊断性研究证据的评价与应用 Evaluation and application of evidence from diagnostic studies
Section 11	治疗性研究证据的评价与应用 Evaluation and application of evidence from therapeutic studies
Section 12	预后研究证据的评价与应用 Evaluation and application of evidence from prognostic studies
Section 13	证据等级与推荐级别 Level of evidence and grade of recommendation
Section 14	临床研究的发表规范 Reporting guidelines for clinical studies
Section 15	临床实践指南的评价与应用 Evaluation and application of clinical practice guidelines
Section 16	循证卫生决策及循证医学的发展 Evidence-based health policymaking and Development of Evidence-based Medicine
13.	课程考核 Course Assessment
<p>(①考核形式 Form of examination; ②.分数构成 grading policy; ③如面向本科生开放, 请注明区分内容。 If the course is open to undergraduates, please indicate the difference.)</p> <p>本课程考核方式为考试, 期末考核满分 100 分。主要从出勤 (Attendance) : 20%; 课堂表现 (Class Performance) : 20%; 期末考试 (Final test) : 60%等几个方面对学生进行考查。</p> <p>The course assessment method is examination, and the final assessment has a maximum score of 100 points, including attendance (20%), classroom performance (20%) and final test (60%).</p>	
14.	教材及其它参考资料 Textbook and Supplementary Readings
1. Evidence-based Medicine: How to practice and teach EBM (Fifth Edition), Editors: Sharon Straus, Paul Glasziou, W. Scott Richardson, R. Brian Haynes	

2. 循证医学(第2版)主编: 孙鑫、杨克虎