

课程详述

COURSE SPECIFICATION

以下课程信息可能根据实际授课需要或在课程检讨之后产生变动。如对课程有任何疑问，请联系授课教师。

The course information as follows may be subject to change, either during the session because of unforeseen circumstances, or following review of the course at the end of the session. Queries about the course should be directed to the course instructor.

1.	课程名称 Course Title	急诊医学 Emergency Medicine
2.	授课院系 Originating Department	医学院 School of Medicine
3.	课程编号 Course Code	MED421
4.	课程学分 Credit Value	2
5.	课程类别 Course Type	专业选修课/ Major Elective Courses
6.	授课学期 Semester	秋季/ Fall
7.	授课语言 Teaching Language	中英双语 English & Chinese
8.	授课教师、所属学系、联系方式 (如属团队授课, 请列明其他授课教师) Instructor(s), Affiliation & Contact (For team teaching, please list all instructors)	单爱军, 南方科技大学附属第一医院, shanaj@yeah.net Aijun Shan, 1st Affiliated Hospital of SUSTech, shanaj@yeah.net
9.	实验员/助教、所属学系、联系方式 Tutor/TA(s), Contact	王博, 医学院, wangb7@sustech.edu.cn Bo Wang, School of Medicine, wangb7@sustech.edu.cn
10.	选课人数限额(可不填) Maximum Enrolment (Optional)	

11. 授课方式 Delivery Method	讲授 Lectures	习题/辅导/讨论 Tutorials	实验/实习 Lab/Practical	其它(请具体注明) Other (Please specify)	总学时 Total
学时数 Credit Hours	32				32
12. 先修课程、其它学习要求 Pre-requisites or Other Academic Requirements	无/NA				
13. 后续课程、其它学习规划 Courses for which this course is a pre-requisite	待定/To be determined				
14. 其它要求修读本课程的学系 Cross-listing Dept.	待定/To be determined				

教学大纲及教学日历 SYLLABUS

15. 教学目标 Course Objectives

本课程是面向临床专业本科生的专业选修课。教学中以临床病例为基础，结合理论知识，引导学生在实践中学习，提高学生实战能力。培养技术全面的高级人才，为今后从事急诊医学工作奠定基础。

This course is a major elective course for clinical undergraduates. Teaching is based on clinical cases, combined with theoretical knowledge, to guide students to learn in practice and improve students' practical ability. It aims to cultivate senior talents with comprehensive technology to lay a foundation for engaging in emergency medicine in the future.

16. 预达学习成果 Learning Outcomes

1. 掌握急诊医学的基础概念和主要原则；
2. 掌握各种常见、多发、急、危、重症的病因和发病机理、临床表现和救治原则；
3. 了解急诊医疗的服务模式和急诊医生的角色。

1. Master the basic concepts and principles of emergency medicine;
2. Master the etiology, pathogenesis, clinical manifestations and treatment principles of various common, multiple, acute, critical and severe diseases;
3. Understand the service model of emergency medicine and the role of emergency physician.

17. 课程内容及教学日历 (如授课语言以英文为主, 则课程内容介绍可以用英文; 如团队教学或模块教学, 教学日历须注明主讲人)

Course Contents (in Parts/Chapters/Sections/Weeks. Please notify name of instructor for course section(s), if this is a team teaching or module course.)

1. 急诊医学概述 INTRODUCTION TO EMERGENCY MEDICINE

掌握急诊医学的概念、历史发展及学科属性。

Master the concept, historical development and subject attribute of emergency medicine.

2. 重症篇 SEVERE SECTION

掌握急诊常见的四大类病症：休克、急性呼吸窘迫综合征、弥漫性血管内凝血和多器官功能综合征。

Master four common types of diseases in emergency department: shock, acute respiratory distress syndrome, disseminated intravascular coagulation and multiple organ function syndrome.

3. 急症篇 EMERGENCY SECTION

掌握急诊常见疑难紧急病症的处理包括呕血黑便与糖尿病酮症、急性意识障碍、急性心衰与高血压急症、急性心律失常、发热、急性胸痛和急性腹痛。

Master the management of common difficult and urgent conditions in the emergency department includes hematemesis melena and diabetic ketosis, acute disturbance of consciousness, acute heart failure and hypertensive emergencies, acute arrhythmia, fever, acute chest pain and acute abdominal pain.

4. 中毒和理化损伤 POISONING AND PHYSICOCHEMICAL INJURY

掌握急诊常见的各类急性中毒的诊疗，以及常见的环境和理化损伤，如：淹溺、电击伤、冻伤以及动物咬伤伤口处理及暴露免疫治疗。

Master the diagnosis and treatment of various common acute poisonings in emergency department, as well as common environmental and physical and chemical injuries, such as: drowning, electrical injury, frostbite and animal bite wound treatment and exposure immunotherapy.

5. 创伤 TRAUMA

掌握创伤急救高级生命支持的实战原则；掌握常见颅脑损伤的类型和急救原则；掌握胸腹部、骨创及重度软组织损伤的救治原则。

Master the practical principles of advanced life support for trauma first aid; master the types and first aid principles of common craniocerebral injuries; master the treatment principles of thoracic and abdominal, bone trauma and severe soft tissue injuries.

6. 技能篇 SKILL SECTION

了解和掌握常见的重症监护室（ICU）常用的诊疗技术，如 PICCO、CVP、血液净化技术、脑功能检测技术、镇静镇痛技术、机械通气技术和营养支持等，同时掌握四大穿刺技术的应用和技巧，同时熟悉气道管理技术。

Understand and master the common diagnosis and treatment techniques commonly used in intensive care unit (ICU), such as PICCO, CVP, blood purification techniques, brain function detection techniques, sedation and analgesia

techniques, mechanical ventilation techniques and nutritional support, while master the application and skills of the four major puncture techniques, and be familiar with airway management techniques.

章节 Section	教学内容 Teaching Contents	学时 Lecture Hours
1	急诊医学概述 INTRODUCTION TO EMERGENCY MEDICINE	2
2	休克、急性呼吸窘迫综合征 SHOCK, ACUTE RESPIRATORY DISTRESS SYNDROME	2
3	弥漫性血管内凝血和多器官功能综合征 DISSEMINATED INTRAVASCULAR COAGULATION AND MULTIPLE ORGAN FUNCTION SYNDROME	2
4	呕血黑便与糖尿病酮症 HEMATEMESIS MELENA AND DIABETIC KETOSIS	2
5	急性意识障碍 ACUTE DISTURBANCE OF CONSCIOUSNESS	2
6	急性心衰与高血压急症 ACUTE HEART FAILURE AND HYPERTENSIVE EMERGENCIES	2
7	急性心律失常 ACUTE ARRHYTHMIA	2
8	发热 FEVER	2
9	急性胸痛和急性腹痛 ACUTE CHEST PAIN AND ACUTE ABDOMINAL PAIN	2
10	中毒和理化损伤（第一讲） POISONING AND PHYSICOCHEMICAL INJURY (LESSON ONE)	2
11	中毒和理化损伤（第二讲） POISONING AND PHYSICOCHEMICAL INJURY (LESSON TWO)	2
12	创伤（第一讲） TRAUMA (LESSON ONE)	2
13	创伤（第二讲） TRAUMA (LESSON TWO)	2
14	重症监护室（ICU）常用的诊疗技术 COMMON DIAGNOSIS AND TREATMENT TECHNIQUES COMMONLY USED IN INTENSIVE CARE UNIT (ICU)	2
15	四大穿刺技术的应用和技巧	2

	APPLICATION AND SKILLS OF THE FOUR MAJOR PUNCTURE TECHNIQUES	
16	气道管理技术 AIRWAY MANAGEMENT TECHNIQUES	2

18.教材及其它参考资料 Textbook and Supplementary Readings

<p>教材:</p> <p>《急诊医学》于学忠 黄子通, 人民卫生出版社, 2017 年</p> <p>参考书:</p> <p>1. 《急诊内科学》张文武, 人民卫生出版社, 2018 年</p> <p>2. 《临床诊疗指南-急诊医学分册》中华医学会编著, 人民卫生出版社, 2009 年</p>
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课程评估 ASSESSMENT

19. 评估形式 Type of Assessment	评估时间 Time	占考试总成绩百分比 % of final score	违纪处罚 Penalty	备注 Notes
出勤 Attendance		10		
课堂表现 Class Performance				
小测验 Quiz				
课程项目 Projects				
平时作业 Assignments		30		
期中考试 Mid-Term Test				
期末考试 Final Exam		60		
期末报告 Final Presentation				
其它 (可根据需要 改写以上评估方 式) Others (The above may be modified as necessary)				

20. 记分方式 **GRADING SYSTEM**

- A. 十三级等级制 **Letter Grading**
B. 二级记分制（通过/不通过） **Pass/Fail Grading**

课程审批 **REVIEW AND APPROVAL**

21. 本课程设置已经过以下责任人/委员会审议通过
This Course has been approved by the following person or committee of authority

本课程已经医学院教学副院长张文勇教授审核通过。