"十二五"国家重点图书出版规划项目 普通高等教育"十二五"重点规划教材

VIEWING, LISTENING AND SPEAKING COURSE FOR MEDICAL ENGLISH 总主编 ②李清平

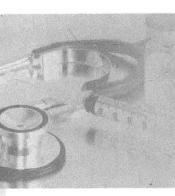
医学英语视听说

主编 石海英 谢 芸副主编 严 安 王 贇



"十二五"国家重点图书出版规划项目 普通高等教育"十二五"重点规划教标

VIEWING, LISTENING AND SPEAKING COURSE FOR MEDICAL ENGLISH



新核心学术英语(EAP)系列教材

医学英语视听说

总主编 李清平

主 编 石海英 谢 芸

副主编 严安 王 贇

编者 应 珊 李 强 刘胜兵 李月梅



内容提要

本书根据教育部对大学英语教学改革的要求,结合医学类学生英语教学改革的实际情况编写,目的是为医学类学生提供大学英语后续课程学习的教材。

本着"英语和专业交融,基础与提高结合,用英语来学习,在学习中用英语"的宗旨,本书力求把英语学习与医学人文素质教育有机地结合,为有自身特色的英语课程建设及教学提供新的途径,充分体现大学英语学习的学术性和语言学习的实用性。

图书在版编目(CIP)数据

医学英语视听说/石海英,谢芸主编.一上海。 上海交通大学出版社,2016 ISBN 978-7-313-12939-0

1. ①医··· Ⅲ. ①石··· ②谢··· Ⅲ. ①医学 - 英语 - 听说教学 - 高等学校 - 教材 Ⅳ. ① H319.9

中国版本图书馆CIP数据核字(2016)第012339号

医学英语视听说

主 编石海英 谢 芸

出版发行: 上海交通大学出版社

邮政编码: 200030

出版人:韩建民

印制: 虎彩印艺股份有限公司

开 本: 889mm×1194mm 1/16

字 数: 170千字

版 次: 2016年1月第1版

书 号: ISBN 978-7-313-12939-0/H

定 价: 23.00元

版权所有 侵权必究

告读者: 如发现本书有印装质量问题请与印刷厂质量科联系

联系电话: 0769-85252189

地 址 上海市番禺路951号

电 话: 021-64071208

经 销:全国新华书店

印 张: 6.75

印 次: 2016年1月第1次印刷

前言

《医学英语视听说》根据教育部对大学英语教学改革的要求,并结合大学英语教学改革的实际情况编写,主要供完成了大学英语基础阶段学习后进入高级阶段学习的本科及以上医学专业的学生使用。

本教材由12个单元组成,以单元主体的形式,围绕着"医生—患者—健康"这一主线,给学生提供认识和了解当代医学发展轨迹和成就的视听资料,并提供了多样的口语练习途径。本教材每单元围绕一个主题,提供了由浅入深、从医学到人文的各种视、听、说资料和练习。选材真实多样,内容覆盖现代医学广泛的话题,具有很强的专业性和针对性,合理兼顾了医学知识和语言技能培训,不仅内容丰富,练习方式多样,还紧扣当代医学特色和医学伦理热点,使本教材更具时代气息和实用功能。本教材在体例上有以下特点:

每单元中的Part I为课前预习,要求学生在正式学习前查阅相关背景资料,了解相关术语、医学组织结构和该单元涉及的词汇和表达方式,促使学生有的放矢,提高听说效率。Part II和Part III为听力理解,由易到难安排数个医学相关听力资料,并根据听力内容特别推出新颖的听力技巧、口语练习方式、思考方式或解题方式,理论联系实际,让学生更快、更深刻地从"应试听力学习"转移到"实用听力训练",提高英语听力水平;同时,引申出各种口语练习,督促学生使用新学的专业词汇和各种表达方式,以达到"有内容可说、有表达方式可用"的目的。Part IV为视听练习,围绕单元主题提供视听资料和口语练习。考虑到学生未来的实用技能,该部分视频来源纷杂、口音各异,难度也较大,更侧重信息抓取和学术交流。Part V以美剧《周一早晨》的片段为学习内容,围绕医患关系、医学伦理、医学职业修养等主题设置病例讨论、角色扮演和热点辩论等环节,提高学生的学习兴趣,增加学习能动性,同时也拉近英语学习和职场能力培养之间的距离。每单元的娱乐视听设置了不同主题和练习内容,课后练习部分则作为全单元的总结和完善。

为提高听说效率,每段视听材料均单独设立词汇表。同时,本教材还设计了课外视 听说作业,任课教师可根据学生实际听说能力选择授课内容、安排教学计划。

本书附有练习答案,为教师教学提供便利,也方便学生课外自学。

在本书编写过程中,虽然编者倾注了大量的精力,也经过了几轮试用,但仍存在不足和纰漏之处,使用者的任何建议和批评都会成为编者今后改进的动力。在编写过程中,编者得到了领导和同行大量的支持和帮助,更得到了上海交通大学出版社编辑的大力协助,在此表示诚挚的谢意。

编 者 2015年9月

Contents

Unit 1 Sleep Disorders		Unit 2 Drug Misuse and Abuse	
Part I Pre-class Activities	1	Part I Pre-class Activities	9
Part II Listening Comprehension (1)	1	Part II Listening Comprehension (1)	9
Sleep Problems	1	In US, an Epidemic of Prescription Drug Abuse	10
Part III Listening Comprehension (2)	3	Part III Listening Comprehension (2)	11
Sleeping Patterns	3	An Interview with Michael Jackson's Personal Physician	11
Part IV Audio-Visual Exercises	4	Part IV Audio-Visual Exercises	12
Chronic Sleep Loss	4	Drug Addiction	12
Part V Discussion and Debate	6	Part V Discussion and Debate	13
Monday Mornings (1)	6	Monday Mornings (2)	13
Part VI Audio-Visual Exercise for Pleasure	7	Part VI Audio-Visual Exercise for Pleasure	15
Top Countdown for Week Ending	7	Bruce Springteen	15
Part VII After-class Assignment	8	Part VII After-class Assignment	15
Unit 3 HIV		Unit 4 Transplantation	
Part I Pre-class Activities	16	Part I Pre-class Activities	24
Part II Listening Comprehension (1)	16	Part II Listening Comprehension (1)	24
More Low Cost Anti-AIDS Drugs Mean More People		The Pioneer of Transplantation	25
Treated	17	Part III Listening Comprehension (2)	26
Part III Listening Comprehension (2)	17	The Development of Transplantation	26
Section A: UN Report Shows Major Progress on HIV/AID	DS 17	Part IV Audio-Visual Exercises	27
Section B: Researchers: Vitamins and Mineral	10	Section A: Body Robbery	27
Supplements Slow Progression of HIV Part IV Audio-Visual Exercises	18	Section B: Transplant Cells, Not Organs	28
ABC of HIV	19 19	Part V Discussion and Debate	30
Part V Discussion and Debate	21	Monday Mornings (4)	30
Monday Mornings (3)	21	Part VI Audio-Visual Exercise for Pleasure	31
Part VI Audio-Visual Exercise for Pleasure	22	Hair Transplantation—Bosley	21
Streets of Philadelphia	22	Part VII After-class Assignment	31
Part VII After-class Assignment	22		
Unit 5 Fighting Viruses	5500	Unit 6 CVD	
1			
Part I Pre-class Activities	32	Part I Pre-class Activities	40
Part II Listening Comprehonsion (1)	33	Part II Listening Comprehension (1)	41
Ebola Virus	33	Section A: Doctors Say Most Heat Disease is Preventable	41
Part III Listening Comprehension (2)	35	Section B: Health Care Teams Worldwide Work to Reduce	
Section A: West Nile Virus Costs US \$ 780 million	35	Salt Intake	42
Section B: Swine Flu	35	Part III Listening Comprehension (2)	42
Part IV Audio-Visual Exercises	36	Study: Flu Vaccine Could Prevent Heart Attack	42
Knowing Virus	36	Part IV Audio-Visual Exercises	43
Part V Discussion and Debate	37	The Single Biggest Health Threat Women Face	43
Monday Mornings (5)	38	Part V Discussion and Debate	44
Part VI Audio-Visual Exercise for Pleasure Born to Move	38	Monday Mornings (6.1)	44
	38	Part VI Audio-Visual Exercise for Pleasure Heart Attack	45 45
Part VII After-class Assignment	39		45
		Part VII After-class Assignment	40

Unit 7 Obesity		Unit 8 Nutrition	
Part I Pre-class Activities Part II Listening Comprehension (1) Study Links Everyday Chemicals to Obesity Part III Listening Comprehension (2) Silent Killer in India Part IV Audio-Visual Exercises Obesity Epidemic Part V Discussion and Debate Section A: Monday Mornings (7.1) Section B: Monday Mornings (7.2) Part VI Audio-Visual Exercise for Pleasure Bang Bang	47 47 48 49 49 49 50 50 51 52 52	Part I Pre-class Activities Part II Listening Comprehension (1) Curry Cures Cancer Part III Listening Comprehension (2) Kale: The "Super Food" Part VI Audio-Visual Exercises Battling Bad Science Part V Discussion and Debate Monday Mornings (8) Part VI Audio-Visual Exercise for pleasure Delicious Part VII After-class Assignment	544 554 556 566 566 588 600 600 61
Part VII After-class Assignment	53	Patt VII Arter-class Assignment	01
Unit 9 Mental Health		Unit 10 Allergy	
Part I Pre-class Activities Part II Listening Comprehension (1) Mental Illness in China Is More Common than Previously Thought Part III Listening Comprehension (2) Yoga Helps Mentally III Part IV Audio-Visual Exercises: Mental Health for All by Involving All (1) Part V Discussion and Debate Monday Mornings (9) Part VI Audio-Visual for Pleasure Open Condom Star Part VII After-class Assignment	62 62 63 63 64 64 67 67 67 67 67	Part I Pre-class Activities Part II Listening Comprehension (1) Section A: Allergy Section B: Air Pollution Leading to More Allergies Part III Listening Comprehension (2) Skin Barriers Part IV Audio-visual Exercises The Change of Life Style Leading to Allergy Epidemic Part V Discussion and Debate Monday Mornings (10) Part VI Audio-Visual Exercise for Pleasure Unchained Melody Part VII After-class Assignment	69 69 70 71 71 71 72 72 73 74
Unit 11 Malaria		Unit 12 Spinal Injuries	
Part I Pre-class Activities Part II Listening Comprehension (I) WHO Unveils New Malaria Roadmap Part III Listening Comprehension (2) Malaria Deaths Drop Drastically; WHO Predicts More Success Part IV Audio-Visual Exercises Mosquitoes and Malaria Part V Discussion and Debate Monday Mornings (11) Part VI Audio-Visual Exercise for Pleasure Turning Page Part VII After-class Assignment	75 75 76 77 77 77 77 78 79 80 80 80	Part I Pre-class Activities Part II Listening Comprehension (1) Medical Advances Keep Runner on Track after Spinal Injury Part III Listening Comprehension (2) WHO: Up to 500,000 Spinal Injuries Annually Part IV Audio-Visual Exercises The Paralyzed Rat that Walked Part V Discussion and Debate Monday Mornings (12) Part VI Audio-Visual Exercise for Pleasure Circle the Drain Part VII After-class Assignment	81 82 83 83 83 83 85 85 86 86 86 87
Appendix			

Unit 1

Sleep Disorders

Part I Pre-class Activities: Study the following questions before the listening task.



- Explain sleep disorders in your own words according to your understanding and background knowledge.
 How many kinds of sleep disorders do you know and what are they?
- 2. Do you know anything about human being's natural sleep cycle and sleeping patterns? Explain what you know to the class.
- 3. Make a two-column list of the English words and expressions you already know on the topic and Chinese words whose English equivalents you'd like to know. Find the desired ones in the following part of the unit. If they are not included, look up the dictionary and enrich your vocabulary.

Part II Listening Comprehension (1)



Sleep Problems

- 1. apnea /æpˈnɪə/ n. [医] 窒息; [临床] 呼吸暂停
- 2. adverse /ˈædvəːs/ adj. 不利的; 相反的; 敌对的
- 3. neurobehavioral /njuərəubr'hervjərəl/ n. & adj. 神经行为学; 神经行为的
- 4. hyperactivity /.haɪpəæk'tɪvɪti/ n. 极度活跃; 活动过度

1. Listen to the recording Sleep Problems once and complete the following passage by using the information from the recording.
There are several kinds of sleep disorders, one of them sleep-disordered breathing, including, and
A new study involved aboutshows that children also suffer from sleep-disordered
breathing. As a result, these children may possibly develop adverse neurobehavioral outcomes, including
hyperactivity, aggressiveness and
People believe that sleep gets worse with age. But another new study shows that elderly
people reported the fewest problems. Although an increase of sleep disorders is
found, worse in women than men,
2. Group work: retelling
1) Students from one group are to contribute your own comprehension of the recording and try to
make the news report as complete as possible. Use the information you get from the exercise
you have just done and notes you have taken. Words and expressions from the Glossary can
also help.
* A Tip: Mind Mapping!
A mind map connects ideas together visually:
people in 80s few problems
people in 805 few problems older people > ketter sleep children { kehavional emotional sleep-olisordered breathing}
Children emotional
increase Sleep-obisordered breathing
during middle ing - scient gropiems
children (4-7) Sleep apnea.
older - improve /10 snowing 50%. increase in adverse n-
hyperactivity
agressiveness

Mind mapping is a visual form of note taking that offers an overview of a topic and its complex information, allowing students to comprehend, create new ideas and build connections. Through the use of colors, images, and words, mind mapping encourages students to begin with a central idea and expand outward to more in-depth sub-topics.

- 2) Listen to the recording Sleep Problems again and add more information to the mind map.
- One member of the group is to present your summary in the class. The words from the Glossary should be included in the final version.
- 3. After-class activities: Listen to the recording Sleepwalking after class. Take notes by mind mapping and prepare a retelling presentation in $1 \sim 2$ minutes next time.

Part III Listening Comprehension (2)



Sleeping Patterns

- 1. bright-eyed and bushy-tailed 精力充沛的
- 2. drop off (to sleep) 入眠; 很快人睡
- 3. hit the sack 睡觉
- 4. recharge your batteries 焕发精神;精神重振
- 5. segment /'segment/ vt. 分割
- 6. kip/kip/vi. 睡觉
- 7. toss and turn 辗转反侧
- 8. the land of nod 梦乡
- 9. insomnia /ɪnˈsɒmnɪə/ n. 失眠
- 10. slumber /'slambə/ vi. 睡觉
- 11. nod off 打盹
- The recording you are going to hear is entitled Sleeping Patterns. Study the Glossary and the questions listed below. Imagine what the passage is about and describe your presupposition by drawing a mind map.
 - 1) Do humans always try to sleep in one eight-hour session?
 - 2) Are there many references to the first and second sleep segments in historical documents?
 - 3) Why did people start to stay out late at night in the late 17th century?
 - 4) Which word in the article means difficulty in sleeping?
 - 5) What techniques for helping people fall asleep are mentioned?
- 2. Listen to the recording Sleeping Patterns and answer the questions listed above.
- 3. Listen to the recording Sleeping Patterns again and try to construct a conversation between a doctor and a patient on the patient's sleeping patterns by using the information you get from the recording you've just heard. You can start the conversation like this:

Doctor: Good morning, what seems to be the trouble?

Patient: Morning. Well, I can't sleep well these days.

Doctor: How is your sleep exactly?

Patient: I always wake up at around three o'clock and I ...

4. After-class activities: For more information on *Sleeping Patterns*, you can watch the video *Our Natural Sleep Cycle* after class. You should try to understand the main idea of the video clip by mind mapping and report to the class in your own words in 1~2 minute next week.

Part TO Andio-Visual Exercises



Chronic Sleep Loss

- 1. NBC (National Broadcasting Company) 美国全国广播公司
- 2. Wink: 用于创建RESTful web services应用程序。Wink包括了一个服务器端模块和一个客户端模块,用于帮助开发者快速高效地开发RESTful Web services应用。
- 3. allegedly /ə'led3ɪdli/ adv. 据说
- 4. on the rise 在上升;增加
- 5. chronic /'kranɪk/ adj. 慢性的; 长期的
- 6. impair /ɪm'peə/ vt. 损害,削弱
- 7. poll /pəul/ vt. 对·····进行调查
- 8. restorative /rɪ'stɔ:rətɪv/ adj. 有恢复健康作用的; 滋补的
- 1. Before watching the video clip *Chronic Sleep Loss*, you're to learn the words and expressions in the Glossary and statements listed below. Imagine beforehand the content of the clip and decide whether the statements listed below are true or false.

1)	These days many Americans are too tired to have a good sleep.		
2)	On websites are some video clips about workers dozing on the job.		
3)	More and more Americans get six hours or less of sleep per night.		
4)	About fifteen to seventeen million Americans suffer from chronic sleep loss.		
5)	On average each work day Americans get up at 5:35 and go to bed at 10:53 at night.		
6)	Of those polled 29% admitted to falling asleep while driving.		
7)	36% admitted to nodding off or being very sleepy while at work.]
8)	Americans underestimate the importance of restorative sleen.	Γ	7

2.	No	Note taking: Watch the video clip Chronic Sleep Loss again and take notes according to the cues giver					
	bel	low.					
	1)	Sleep conditions of American people:					
		a)					
		b)					
	2)	The poll result:					
		a) 29%					
		b) 36%					
		c) 20%					
	3)	Suggestions from the researchers:					
		a) The researchers maintain that					
		b) The priority No.1					

- 3. Pair work: Work with your partner to construct a conversation between a medical professional and a patient who wants to consult about his/ her sleeping disorders. You can refer to the following structures:
 - What seems to be the trouble?
 - What seems to be the problem?
 - What's troubling you?
 - In what way are you feeling sick?
 - What seems to be bothering you?
 - · What hurts you?
 - Tell me what your problem is.
 - · Since when have you been feeling like that?
 - How long have you had this trouble?
 - How long has it been this way?

You should also try to use the words and expressions learned in this unit.

* Language in Use

Do you know the power of words? As a would-be medical professional, you need not only to understand the others and make yourself understood, but also to communicate well for the well being of patients and yourself. Proper application of words, phrases and sentence structures are of much more significance than you've ever imagined. Now have a discussion with your group members and construct a table containing sentence structures you are to use when having a conversation on sleep disorders with a patient.

Doctors:

- What seems to be the trouble?
- What seems to be the problem?
- What's troubling you?
- In what way are you feeling sick?
- What seems to be bothering you?
- What hurts you?
- Tell me what your problem is.
- ...

Patients:

- · Good morning, Mr. Wang. I can't fall in sleep at night.
- ..

Part O Discussion and Debate



Monday Mornings (1)

Glossary

- 1. hip /hip/ n. 髋部
- 2. avid /ˈævɪd/ adj. 渴望的; 贪婪的; 热心的
- 3. tylenol/tarlə,nol/n. 泰诺(药品扑热息痛的一种品牌)
- 4. subside /səb'saɪd/ vi. 平息; 减弱
- 5. MRI abbr. (Magnetic Resonance Imaging) 核磁共振成像
- 6. in retrospect / retrouspekt/回顾;回顾往事;检讨过去
- 7. conjoined twins /kən'dʒɒɪnd/ 联胎; [妇产] 联体双胎; 联体双生儿
- 8. metastatic /metə'stætɪk/ adj. (癌细胞的)转移性的
- 9. amok /əˈmɒk/ adj. 狂乱的; adv. 狂乱地
- 10. run amok 到处刮.跑

A qualified doctor should not only master the knowledge and skills required, but also be a man of integrity. The patient's health problem, no matter serious or seemingly minor, requires the doctor's full attention. Watch the video clip *Monday Mornings* (1) and finish the following tasks.

1. Describe the case mentioned in the video clip. When you are to describe a case, you can't miss such information as the name, the gender, the age, the complaints, the symptoms, the various physical

examinations, the diagnosis, the treatment and the result. The patient went to see the doctor twice. So you have to take notes on both situations. Make an outline before you do the exercise.

A	Case	Re	port

Name: Mary Michaelidos Gender:	Age:
Occupation:	
Chief Complaint:	
Physical Examination:	
Diagnosis:	
Treatment:	
Result:	

- 2. What do you think leads to the death of the patient? Could this consequence be avoided? Why?
- 3. The chief inquired Dr. Martin whether he had done full physical examination. What do you know about full physical examination and do you think it is necessary to do it the first time a doctor examines a patient?
- 4. Role play:
 - 1) Suppose you were Dr. Martin, how would you defend yourself?
 - 2) Suppose you were the patient's relative, how did you think about the death of the patient?
 - 3) Suppose you were one of Dr. Martin's colleagues, what do you think of the case, Dr. Martin's handling of the case and the chief's decision?
- 5. Debate: You are to form groups to prepare a debate on the following content: What can we learn from the case? Do all patients with different severity deserve doctor's full attention and patience?
 - Steps: 1) Think of a topic for the debate.
 - 2) Form a simple debate with two rivals for each side.
 - 3) Present it in class next time.

Part 07 Audio-Visual Exercise for Pleasure



Listen to the recording Top Countdown for Week Ending and fulfill the following table.

Ranking	Title	Singer	Ranking Change
1		Iggy Azalea and Charli XCX	
2 3		MaGic!	
3		Ariana Grande	
4		Nico & Vinz	\rightarrow
5		Sam Smith	→

Part 077 After-class Assignment



- 1. Watch the video Why Do We Sleep and give a lecture on one of the following topics. You may also watch the vedio 10 Things You Need to know About Sleep to find more useful information.
 - 1) The consequence of sleeping disorders
 - 2) Dealing with sleeping problems
- 2. Prepare for the pre-listening activities in Unit 2.

Unit 2

Drug Misuse and Abuse

Part I Pre-class Activities: Study the following questions before the listening task.



- 1. What thoughts/ imagination does the title arouse in you? Do you know the difference between drug misuse and drug abuse?
- 2. Do you know the meaning of medicine, pill, tablet, potion, capsule, agent, and herb? What does pill popper mean? Explain the concepts.
- 3. Make a two-column list of the English words and expressions you know on the topic and Chinese words whose English counterparts you want to know. Find the desired ones in the following part of the unit. If they are not included, look up the dictionary and enrich your vocabulary.
- 4. Answer the first two questions again by using the words and expressions you have learnt after finishing question 3.

Part II Listening Comprehension (1)



* A Tip: The title is of vital importance!

The title of an article indicates what the article is about and distinguishes it from other articles. The title may simply be the name (or a name) of the subject of the article, or it may be a description of the topic. So, we'll get certain information from the title and as a part of comprehension, we usually presuppose the content, which helps us prepare for what comes later and understand the article better.

In US, an Epidemic of Prescription Drug Abuse

- 1. overdose /ˈəuvədəus/ v. & n. 配药过量; 药量过多
- 2. opioid /ˈəupɪɒɪd/n.[生化]阿片样物质; 类鸦片
- 3. methadone /ˈmeθədəun/ n. 美沙酮
- 4. morphine /'mo:fi:n/n.[药]吗啡
- 5. hydrocodone /haɪˌdrokədʌn/ n. 氢可酮; 二氢可待因酮
- 6. Vicodin n. 维柯丁(一种止痛药)(商品名/商标名)
- 7. oxycodone / oksr'kodəun/n. 氧可酮; 羟考酮
- 8. OxyContin 奥施康定(商品名/商标名)
- 9. triple /'trɪp(ə)l/ adj. & n. & v. 三倍的; 三倍; 增至三倍
- 10. heroin /'herəum/n.[药][毒物]海洛因,吗啡
- 11. cocaine /kəu'keɪn/n.[药][毒物]可卡因
- 12. Xanax /'zænæks/ n. 阿普唑仑(药名); 赞安诺; 相呐斯(镇静剂)
- 13. methamphetamine /megæm'fetəmi:n/ n. 甲基苯丙胺; 脱氧麻黄碱(中枢兴奋药,等于 meth, Speed)
- 14. pharmacologist /.fa:məˈkɒlədʒɪst/ n. 药理学家
- 15. obesity /əʊ'bi:sɪti/ n. 肥大; 肥胖
- Read the title of the recording you're going to hear. Can you guess what the main idea of the passage is? What information do you expect to hear?
- Listen to the recording In US, an Epidemic of Prescription Drug Abuse twice. Correct and enrich your mind-mapping outline. After you finish listening, work with your group members to fulfill the mind map.

