

	<i>page</i>
Preface to the 4th edition	XIII

PART ONE

Unit 1

Medicine and healthcare: key topics

1. What is medicine?	1
1.1 Defining medicine by primary goal-oriented practices	1
1.2 Defining health	2
1.3 Medical professionalism	2
2. Medical care systems and practices	2
2.1 Folk medicine	2
2.2 Alternative medicine	3
2.3 Mainstream scientific medicine	3
3. Understanding the science and art of medicine	3
3.1 Medicine as science	3
3.2 Medicine as art	4
3.3 Science and art of medicine are interdependent	4
3.4 Evidence-based medicine and other approaches	4
4. Medical science and art: a comprehensive view	4
5. History of medicine	5
5.1 The early days of medicine	5
5.2 Greek and Roman medicine	5
5.3 Early modern era of medicine: 16th -18th centuries Renaissance	6
5.4 Advances in modern medicine: 19th century	6
5.5 Medicine of the 20th century and beyond	7
6. Healthcare delivery systems and interprofessional care teams	7
6.1 Interprofessional collaboration	7
6.2 Interprofessional care teams: the UK healthcare system	8
6.3 Types of healthcare services	8
6.4 Primary healthcare	8
6.5 Secondary healthcare	9
6.6 Tertiary healthcare	9
6.7 Digitalisation of healthcare services: telemedicine	9
7. Medical education	9
7.1 Medical education in the UK	9
7.2 Medical regulatory bodies	10
8. Branches of medicine	10
9. Medical conditions	14
9.1 Core classifications of medical conditions: disease / illness / sickness	14
9.2 Describing medical conditions: syndrome / sign / symptom / diagnosis	14
9.3 Varieties of medical symptom and sign	15
9.4 Describing pain	15
9.5 SOCRATES in general pain assessment	16

	<i>page</i>
10. Doctor-patient relationship	16
10.1 Instrumental and affective components in doctor-patient relationship	16
10.2 Doctor-patient relationship and medical ethics	17
10.3 Basic models of doctor-patient relationship	17
10.4 Other interaction models	18
10.5 Main requirements for a good doctor-patient relationship	18
11. Medical language	19
11.1 Varieties of medical English texts	19
11.2 Reasons for studying medical English language texts: different discourses and genres	20
11.3 Methods of discourse analysis in medical English language texts	20
11.4 Medical English terminology	21
11.5 Anatomy of medical English jargon: morphological structure	21
11.6 Medical language challenges	22
11.7 Plain medical English language	23
12. Clinical and professional texts in doctor-patient communication	23
<i>Doctor visit / Medical consultation</i>	23
<i>Medical referral letter</i>	24
<i>Patient history report</i>	26
<i>Forms of argumentation in clinical reasoning</i>	26
<i>Review: True or False?</i>	28
<i>Spot-Check: Speaking or Writing</i>	32

Unit 2

Professionalism and ethics in medicine and healthcare: development of topics

1. Professionalism in medical practice: past and present	33
2. Maintaining professional standards and values in healthcare	33
2.1 Scientific competency standards	33
2.2 Ethical standards and values	33
2.3 Professionalism in medical practice: an inclusive concept	34
2.4 Professional and ethical codes of conduct	34
2.5 Obstacles to professionalism in medical practice	34
3. Understanding ethics in more detail	35
3.1 Normative ethics: consequentialism, utilitarianism, deontology, virtue ethics	35
4. What is medical ethics?	36
4.1 Principles of medical ethics	36
4.2 Medical ethics: the four principles explained	37
<i>Autonomy – Patient's choice</i>	37
<i>Beneficence – Promoting good</i>	37
<i>Nonmaleficence – Do no harm</i>	37
<i>Justice – Fair distribution</i>	37
Medical ethics in action: Understanding the structure of medical ethics cases	38
5. Physician Charter on medical professionalism	38
5.1 Medical professionalism: a contract with society	39
5.2 Principles of professionalism in the Physician Charter	39
5.3 Professional responsibilities in the Physician Charter	39
6. Medical professionalism: views from academic scholarship	40
<i>Virtue ethics</i>	40
7. Defensive medicine	40
7.1 Medical malpractice: what is it?	41
7.2 Most common medical negligence cases	41
7.3 Grounds for a medical negligence claim	41
<i>Review: True or False?</i>	42
<i>Spot-Check: Speaking or Writing</i>	44

PART TWO

Unit 3

Discourse analysis in medicine and health: understanding medical language as text, genre & discourse

1. Defining discourse	45
1.1 What does discourse analysis do?	45
1.2 Summing up	46
2. Different methods of discourse analysis	46
3. Discourse analysis in medicine and health: what does it do?	47
3.1 What else do we learn from medical discourse analysis?	48
4. Medical language as text, genre & discourse	49
4.1 Variety of medical English texts and genres	49
<i>Reflection and review</i>	50
<i>Extension: deciding what to look for and taking notes</i>	50
<i>Self-Assessment Questions</i>	51

Unit 4

English for Specific Purposes & English for Medical Purposes

1. The scope of English for Specific Purposes – ESP	54
1.1 The ESP movement over the years	54
1.2 ESP as an inclusive concept for diverse learning areas	54
2. The global context of English	54
2.1 The use of English across Circles	55
2.2 The global context of English as a <i>lingua franca</i> of international medical communication	55
3. General characteristics of medical English: lexis and syntax	55
<i>Lexis</i>	55
Linguistic sources of medical English terms	55
Spelling differences: medical terms in British and American English	56
Different layers of medical vocabulary	57
Derivation	57
Compounds	58
Acronyms and initialisms	58
Monoreferentiality and denotation	59
Synonymy	59
Eponymy	60
Metaphors	60
<i>Grammar</i>	60
Density of information: noun phrases	60
Impersonal v. personal structures and passivisation	61
Verb Tenses	61
Reporting verbs	63
Expressing certainty and doubt in medical research writing	63
<i>Reflection and review</i>	64

Unit 5

Genre-based approaches to English for Specific Purposes and English for Medical Purposes

1. Understanding genre: different traditions of genre studies	65
1.1 Academic vs. professional contexts: how do we identify discourse elements of EMP genres	66
2. ESP and genre studies: discourse community, communicative purpose, move	66
2.1 Academic genres	66
2.2 Professional genres	67
2.3 Understanding EMP genres for their communicative purposes	67
3. Interdiscursivity: critical genre analysis	68
4. Variation across academic disciplines	69
4.1 Interdisciplinarity in medical disciplines and sciences	69
4.2 English for Medical Purposes: the discourse and genre of medical research	69
4.3 Empirical research in medicine: cohort studies – case-control studies	70
5. How language works in medical research writing: metadiscourse	70
5.1 Metadiscourse: ideational, interpersonal and textual functions	71
5.2 Metadiscourse at work	71
6. Genre and medical translation	72
<i>Reflection and review</i>	73

Unit 6

Studying the discourse structure of academic and professional medical genres for communicative moves and language use

Reviewing genre	74
What you are guided through	74
The Medical Research Article <i>Abstract</i>	74
Types of Abstracts	74
Structure	74
Language use	76
Title construction	76
The Medical Research Article <i>Introduction</i>	77
Structure	77
Language use	77
The Medical Research <i>Article</i>	80
Other sub-genres	80
Structure	80
Language use	82
The Medical Research <i>Poster Presentation</i>	83
Structure and language	83
The Medical <i>Case Report</i>	84
Varieties of case reports	84
Main features	84
Structure	84
Medical Case Report: <i>Structure</i>	85
Language use	88
Reflection and review	88

Unit 7**Putting academic and professional genres into real contexts of EMP practice**

1. The Medical Research Article <i>Abstract</i>	89
Task 1: Analysing abstracts for their rhetorical moves	89
Task 1.1: Structured abstract – Matching	89
Task 1.2: Informative abstract	90
2. The Medical Research Article <i>Introduction</i>	92
Task 2.1: Analysing rhetorical moves and metadiscourse	92
Task 2.2: Sentence fragments	99
3. The Medical <i>Abstract</i> and <i>Research Article</i> put together	99
Task 3.1: Identifying fragments of abstract and research article for content and structure	99
Task 3.2: Matching	101
Task 3.3: Preparing your research: <i>PowerPoint poster presentation</i>	102
4. The Medical <i>Case Report</i>	104
Task 4.1: Analysing genre for language use	104
Task 4.2: Reading comprehension	108
Task 4.3: Keeping your move knowledge fresh	109

Worksheets

<i>Checking your knowledge of medical English language</i>	110
--	-----

Answer Keys	148
--------------------	-----

References	151
-------------------	-----

