

Національний
Підручник

INTERNAL MEDICINE

2
part

PULMONOLOGY | GASTROENTEROLOGY | NEPHROLOGY
DISEASES OF THE INTERNAL ORGANS
IN COUNTRIES WITH HOT CLIMATE



NK
PUBLISHERS

MINISTRY OF HEALTH OF UKRAINE
National Pirogov Memorial Medical University, Vinnytsya

INTERNAL MEDICINE

*Textbook for English-speaking
students of higher medical educational establishments*

Edited by Professor M. A. Stanislavchuk
and Professor V. K. Sierkova

Part 2

PULMONOLOGY
GASTROENTEROLOGY
NEPHROLOGY
DISEASES OF THE INTERNAL ORGANS
IN COUNTRIES WITH HOT CLIMATE

Vinnytsya
Nova Knyha
2019

УДК 616(075.8)
В60

Б-ка ПНПУ ім. К.Д.УШИНСЬКОГО



544977

*Recommended by the Academic Council of National Pirog
a textbook for English-speaking students of medical and
establishments of Ukraine*

Authors:

Kateryna M. Amosova, Oleg Ya. Babak, Ivan P. Katerenchuk, Liudmyla A. Kovalevska, Valentyna K. Sierkova, Igor M. Skrypnyk, Svitlana I. Smiyan, Mykola A. Stanislavchuk, Anatoliiy S. Svintsitsky, Natalia M. Zhelezniakova, Natalia A. Zolotaryova, Anastasiia O. Andrieieva, Natalia V. Bereza, Olga M. Bereziuk, Galyna K. Berko, Andrii B. Bezrodnyi, Liudmyla V. Burdeina, Olga V. Dzekan, Marta B. Dzhus, Olga G. Gaponova, Oleksandr F. Gopko, Svitlana Yu. Kalinina, Tetiana A. Karasevska, Roman R. Komorovsky, Ganna S. Maslova, Volodymyr I. Molodan, Galyna V. Mostbauer, Olena I. Ostapchuk, Oksana L. Poberezhets, Kostyantyn O. Prosolenko, Pavlo M. Pyskovatskyi, Oksana I. Rokyta, Maksym I. Romanchenko, Yuliia V. Rudenko, Olena V. Solomko, Svitlana I. Sorokina, Igor A. Svintsitskyi, Tetiana B. Yevdokymova, Olga Ye. Zaichenko, Iryna I. Zelena

Edited by Professor M. A. Stanislavchuk and Professor V. K. Sierkova



544977

B60

Внутрішня медицина = Internal medicine : Part 2 : textbook for English-speaking students of higher medical schools / edited by Professor M. A. Stanislavchuk and Professor V. K. Sierkova. – Vinnytsya : Nova Knyha, 2019 – 360 p.

ISBN 978-966-382-734-6

Textbook in Internal medicine consists of 37 chapters, in which the basis of cardiology, rheumatology, and nephrology are presented.

This textbook is made up of text material and enough illustrations, including clinical findings and schematic figures.

The textbook is intended for English-speaking students of medical and pharmaceutical faculties of higher educational establishments of Ukraine.

УДК 616(075.8)

Підручник з внутрішньої медицини складається з 37 розділів, у яких представлені основи кардіології, ревматології та нефрології. Містить текстові матеріали та достатньо ілюстрацій, у тому числі клінічні матеріали та схематичні рисунки.

Підручник призначений для англomовних студентів медичних та фармацевтичних факультетів вищих навчальних закладів України.

Contents

List of authors	5
Foreword	7
List of abbreviations	8

Section 1.

PULMONOLOGY

Chapter 1. Pneumonia (<i>Igor M. Skrypnyk, Svitlana I. Sorokina, Oleksandr F. Gopko</i>) ...	13
<i>Community-acquired pneumonia</i>	18
<i>Hospital-acquired pneumonia</i>	22
<i>Health-care-associated pneumonia</i>	22
<i>Ventilator-associated pneumonia (VAP)</i>	22
Chapter 2. Infectious destructive lung diseases (<i>Igor M. Skrypnyk, Svitlana I. Sorokina, Oleksandr F. Gopko</i>)	25
<i>Lung abscess</i>	25
<i>Pulmonary gangrene</i>	29
<i>Bronchiectasis</i>	32
<i>Pleurisy</i> (<i>Igor M. Skrypnyk, Svitlana I. Sorokina, Oleksandr F. Gopko</i>)	37
Chapter 3. Respiratory failure (<i>Igor M. Skrypnyk, Svitlana I. Sorokina</i>)	46
Chapter 4. Asthma (<i>Valentyna K. Sierkova</i>)	56
Chapter 5. Chronic obstructive pulmonary disease (<i>Olena I. Ostapchuk</i>)	71

Section 2.

GASTROENTEROLOGY

Chapter 6. Gastroesophageal reflux disease (<i>Anatoliy S. Svintsitskyy</i>)	83
Chapter 7. Functional dyspepsia (<i>Igor A. Svintsitskyi</i>)	92
Chapter 8. Gastritis (<i>Igor A. Svintsitskyi</i>)	101
<i>Acute gastritis</i>	101
<i>Chronic gastritis</i>	105
<i>Rare forms of chronic gastritis</i>	113
Chapter 9. Peptic ulcer disease (<i>Olena V. Solomko</i>)	115
Chapter 10. Celiac disease (<i>Igor A. Svintsitskyi</i>)	126
Chapter 11. Crohn's disease (<i>Anatoliy S. Svintsitskyy</i>)	134
Chapter 12. Ulcerative colitis (<i>Olena V. Solomko</i>)	143
Chapter 13. Irritable bowel syndrome (<i>Anatoliy S. Svintsitskyy</i>)	155
Chapter 14. Dysbiosis (<i>Anatoliy S. Svintsitskyy</i>)	163
Chapter 15. Biliary tract dyskinesia (<i>Anatoliy S. Svintsitskyy</i>)	171
Chapter 16. Cholelithiasis (<i>Anatoliy S. Svintsitskyy</i>)	178
Chapter 17. Chronic acalculous cholecystitis (<i>Anatoliy S. Svintsitskyy</i>)	190
Chapter 18. Chronic hepatitis (<i>Tetiana B. Yevdokymova</i>)	197

<i>Autoimmune hepatitis</i>	197
<i>Hepatitis C</i>	199
<i>Chronic hepatitis B</i>	202
<i>Chronic hepatitis C</i>	206
Chapter 19. Liver cirrhosis (<i>Kostyantyn O. Prosolenko, Volodymyr I. Molodan</i>)	211
Chapter 20. Chronic pancreatitis (<i>Anatoliy S. Svintsitsky</i>)	224

Section 3.

NEPHROLOGY

Chapter 21. Glomerulonephritis (<i>Olena I. Ostapchuk</i>)	238
Chapter 22. Pyelonephritis (<i>Ivan P. Katerenchuk</i>)	247
<i>Acute pyelonephritis</i>	247
<i>Chronic pyelonephritis</i>	250
Chapter 23. Tubular-interstitial nephritis (<i>Ivan P. Katerenchuk</i>)	253
Chapter 24. Renal amyloidosis (<i>Ivan P. Katerenchuk</i>)	257
Chapter 25. Chronic kidney disease (<i>Natalia M. Zhelezniakova, Oleg Ya. Babak</i>) ...	261
Chapter 26. Acute renal failure (<i>Olga Ye. Zaichenko</i>)	275

Section 4.

DISEASES OF THE INTERNAL ORGANS IN COUNTRIES WITH HOT CLIMATES

Chapter 27. Endomyocardial disease (<i>Valentyna K. Sierkova</i>)	283
<i>Endomyocardial fibrosis</i>	283
<i>Löffler endocarditis</i>	287
Chapter 28. Restrictive cardiomyopathy (<i>Valentyna K. Sierkova</i>)	291
Chapter 29. Chagas disease (<i>Oksana L. Poberezhets</i>)	295
Chapter 30. Tropical sprue (<i>Iryna I. Zelena</i>)	303
Chapter 31. Amebiasis (<i>Pavlo M. Pyskovatskyi</i>)	307
Chapter 32. Heliotrope hepatitis (<i>Olga G. Gaponova, Anastasiia O. Andrieieva</i>)	319
Chapter 33. Kwashiorkor (<i>Olga V. Dzekan</i>)	323
Chapter 34. Thalassemia (<i>Olga M. Bereziuk</i>)	327
Chapter 35. Sickle-cell disease (<i>Olga M. Bereziuk</i>)	334
Chapter 36. Snake bites (<i>Pavlo M. Pyskovatskyi</i>)	342
Chapter 37. Bites by spiders and arachnids (<i>Olga M. Bereziuk</i>)	351
References	356