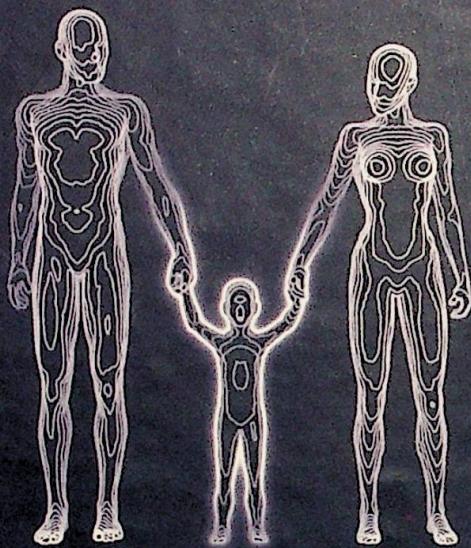


FAMILY MEDICINE

IN 3 BOOKS



Edited by
Professor O.M. HYRINA,
Professor L.M. PASIYEVSHVILI

BOOK 2

SYMPTOMS AND SYNDROMES
IN CLINICAL COURSE OF
INTERNAL DISEASES

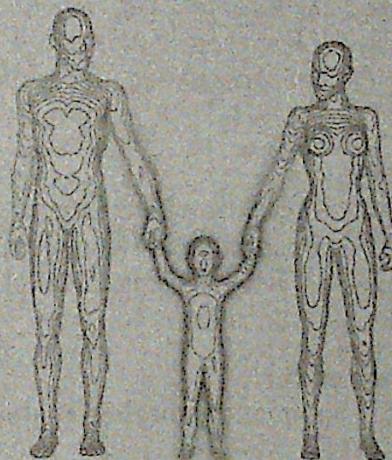
MEDICINE

www.medpublish.com.ua

FAMILY MEDICINE

IN 3 BOOKS

TEXTBOOK



BOOK 2

SYMPTOMS AND SYNDROMES IN CLINICAL COURSE OF INTERNAL DISEASES

APPROVED

by the Ministry of Education and Science
of Ukraine as a textbook for students of higher
education establishments — medical universities,
institutes and academies

PUBLISHED

in accordance with the Order of the Ministry
of Health of Ukraine No. 502 of 22 June 2010
as a national textbook for students of higher
education establishments — medical universities,
institutes and academies

RECOMMENDED

by the Academic Board of O.O. Bohomolets National
Medical University to be published as a textbook
Family Medicine in three books, edited by Professor
O.M. Hyrina, Professor L.M. Pasiyeshvili

Kyiv
AUS Medicine
Publishing
2018

UDC 616.1/4;616.6
LBC 51.1 (4 ENG) 2ya73
F42

Approved by the Ministry of Education and Science of Ukraine as a textbook for students of higher education establishments — medical universities, institutes and academies (letter No. 124 of 17 December 2012)

Published in accordance with the Order of the Ministry of Health of Ukraine No. 502 of 22 June 2010 as a national textbook for students of higher education establishments — medical universities, institutes and academies

Recommended by the Academic Board of O.O. Bohomolets National Medical University to be published as a textbook "Family Medicine" in three books, edited by Professor O.M. Hyrina, Professor L.M. Pasiyeshvili (minutes No. 2 of 9 November 2010)

Authors:

L.S. Babinets, O.M. Barna, S.V. Biletskyi, L.M. Bobro, I.O. Borovyk, V.I. Velychko, H.O. Danylchuk, V.M. Zhdan, N.M. Zhelezniakova, A.A. Zazdravnov, Yu.M. Kazakov, V.M. Lisovyi, L.M. Pasiyeshvili, T.M. Pasiyeshvili, O.V. Syniachenko, Ye.Ya. Skliarov, I.I. Tereshchenkova, T.V. Frolova, V.M. Chernobrovyi, N.D. Chukhriienko, L.M. Shylkina

Reviewers:

Matiukha Larysa Fedorivna — Doctor of Medicine, Professor, Head of Department of Family Medicine and Outpatient Care, Shupyk National Medical Academy of Postgraduate Education;
Korzh Oleksii Mykolaiovych — Doctor of Medicine, Professor, Head of Department of General Practice — Family Medicine, Kharkiv Medical Academy of Postgraduate Education

English language editor:

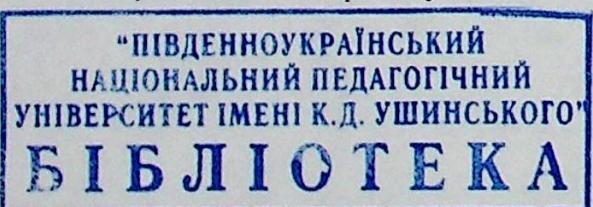
I.V. Rozhenko, Higher State Education Establishment "Ukrainian Medical Stomatological Academy"

F42 **Family Medicine : in 3 books : textbook. Book 2. Symptoms and Syndromes in Clinical Course of Internal Diseases / L.S. Babinets, O.M. Barna, S.V. Biletskyi et al. ; edited by O.M. Hyrina, L.M. Pasiyeshvili. — Kyiv : AUS Medicine Publishing, 2018. — 376 p.**
ISBN 978-617-505-493-2 ISBN 978-617-505-652-3 (Book 2) 545242

The textbook is composed in accordance with curriculum in the specialty "General Practice — Family Medicine".

The textbook presents the current approach to common problems in family physician practice, highlights the main symptoms and syndromes in cardiology, gastroenterology, pulmonology, nephrology, hematology, endocrinology as well as other syndromes that general practitioner-family physician most often manages in medical practical activity. Information on the causes, pathogenesis, clinical manifestations, diagnostic search algorithms in the presence of these syndromes, differential diagnosis of various diseases manifested by these symptoms and syndromes is provided in the textbook. Assessment and treatment algorithms, first aid managing and practical recommendations are proposed in detail.

For students of higher education establishments — medical universities, institutes and academies, internship doctors in the specialty "General Practice — Family Medicine".



UDC 616.1/4;616.6
LBC 51.1 (4 ENG) 2ya73

© L.S. Babinets, O.M. Barna, S.V. Biletskyi, L.M. Bobro, I.O. Borovyk, V.I. Velychko, H.O. Danylchuk, V.M. Zhdan, N.M. Zhelezniakova, A.A. Zazdravnov, Yu.M. Kazakov, V.M. Lisovyi, L.M. Pasiyeshvili, T.M. Pasiyeshvili, O.V. Syniachenko, Ye.Ya. Skliarov, I.I. Tereshchenkova, T.V. Frolova, V.M. Chernobrovyi, N.D. Chukhriienko, L.M. Shylkina, 2018
© AUS Medicine Publishing, design, 2018

ISBN 978-617-505-493-2

ISBN 978-617-505-652-3 (Book 2)

Contents

Chapter 1. Syndromes in Cardiology	5
Chest Pain Syndrome (<i>S.V. Biletskyi</i>).....	5
Edematous Syndrome (<i>S.V. Biletskyi</i>)	29
Syndrome of Arterial Hypotonia (<i>A.A. Zazdravnov</i>).....	32
Sick Sinus Syndrome (<i>A.A. Zazdravnov</i>)	37
Syndrome of Premature Ventricular Excitation (<i>S.V. Biletskyi</i>).....	40
Long Q—T Interval Syndrome (<i>S.V. Biletskyi</i>).....	44
Syndrome of Chronic Heart Failure (<i>O.V. Syniachenko</i>)	47
Chapter 2. Syndromes in Gastroenterology (<i>V.M. Chernobrovyi</i>)	59
Abdominal Pain Syndrome.....	59
Dyspepsia.....	64
Heartburn	67
Dysphagia	70
Nausea and Vomiting.....	72
Constipation.....	75
Chronic Diarrhea	77
Jaundice.....	80
Portal Hypertension.....	83
Chapter 3. Syndromes in Pulmonology (<i>L.S. Babinets, I.O. Borovyk</i>)	87
Syndrome of Pulmonary Tissue Consolidation	87
Syndrome of Bronchial Obstruction	101
Syndrome of Pulmonary Insufficiency	108
Syndrome of Fluid Accumulation in the Pleural Space.....	116
Syndrome of Air in the Pleural Space	126
Syndrome of Cavity in the Lung Tissue	131
Syndrome of Increased Airiness of the Lungs (Emphysema).....	135
Syndrome of Obstructive Atelectasis.....	139
Syndrome of Compressive Atelectasis	141
Syndrome of Pulmonary Arterial Hypertension.....	141
Syndrome of Cough.....	145
Chapter 4. Syndromes in Nephrology	158
Urinary Syndrome (<i>V.M. Lisovyi</i>)	158
Nephrotic Syndrome (<i>N.M. Zhelezniakova</i>).....	175

CONTENTS

Chapter 5. Syndromes in Hematology.....	185
Anemia Syndrome (<i>T.M. Pasiyeshvili</i>)	185
Lymphadenopathy Syndrome (<i>L.M. Pasiyeshvili</i>)	192
Chapter 6. Syndromes in Rheumatology (<i>L.M. Pasiyeshvili, O.M. Barna</i>)	204
Articular Syndrome.....	204
Osteoporotic Syndrome	213
Chapter 7. Syndromes in Endocrinology	231
Hyperglycemic Syndrome (<i>T.M. Pasiyeshvili</i>).....	231
Metabolic Syndrome (<i>S.V. Biletskyi</i>).....	236
Chapter 8. Syndromes in Pediatrics	241
Anemia Syndrome (<i>T.V. Frolova</i>)	241
Lymphadenopathy Syndrome (<i>I.I. Tereshchenkova</i>)	250
Apnea Syndrome (<i>V.I. Velychko, H.O. Danylchuk</i>).....	254
Foreign Bodies in the Airway, Ear and Esophagus (<i>V.I. Velychko, H.O. Danylchuk</i>).....	263
Syndrome of Neck and Back Pain in Children (<i>V.I. Velychko, H.O. Danylchuk</i>)	273
Syndrome of Sex Development Disorders (<i>V.I. Velychko, H.O. Danylchuk</i>)	281
Traumas. Traumatic External and Internal Hemorrhages (<i>V.I. Velychko, H.O. Danylchuk</i>)	297
Gastrointestinal Hemorrhages (<i>V.I. Velychko, H.O. Danylchuk</i>).....	310
Chapter 9. Other Syndromes in Medical Practice.....	319
Hepatomegaly Syndrome (<i>L.M. Pasiyeshvili, L.M. Bobro</i>).....	319
Splenomegaly Syndrome (<i>L.M. Bobro, L.M. Pasiyeshvili</i>)	328
Hepatolienal Syndrome (<i>L.M. Pasiyeshvili, L.M. Bobro</i>)	336
Subfebrile Condition in Adults (<i>N.M. Zhelezniakova</i>)	340
Skin Itch (<i>N.D. Chukhriienko</i>).....	350
Dyspnea Syndrome (<i>Ye.Ya. Skliarov</i>)	360
Chronic Fatigue Syndrome (<i>V.M. Zhdan, L.M. Shylkina, Yu.M. Kazakov</i>).....	364