

## **LIST OF TEXTBOOKS-3rd YEAR:**

### **1. Pathology**

#### **A. Obligatory**

01. Kumar, Abbas, Aster. Robbin's Basic Pathology, 10th.ed. Elsevier, 2017.
02. Klatt E. Robbins and Cotran Atlas of Pathology, WB Saunders Co. 2006.
03. The CD (KUMC) students will receive at the beginning of the course

#### **B. Additional**

01. Mitchell. Kumar, Abbas, Fausto. Pocket companion to Pathologic basis of disease, 7.ed.2006.
02. Damjanov I. Pathology secrets, 2nd ed. Elsevier Mosby, 2005.

### **2. Pathophysiology**

#### **A.Obligatory**

1. S Gamulin, M Marušić, Z Kovač. Pathophysiology. Basic mechanisms of Disease. Medicinska naklada, Zagreb 2014. Book One – Volumes One and Two.
2. Z Kovač, S Gamulin. Pathophysiology. Study guide algorithms – Problem Solver. Book Two. Medicinska Naklada Zagreb 2014.

#### **B. Additional**

1. Z Kovač et al. Case study worksheets-Workbook 2020.
2. S Gamulin, M Marušić, Z Kovač. Patofiziologija VII izdanje. Medicinska naklada Zagreb 2011.
3. Z Kovač, S Gamulin. Patofiziologija-Zadatci za problemske seminare III.-izdanje Medicinska naklada Zagreb 2011.
4. McPhee SJ, Lingappa VR, Ganong WP. Pathophysiology of disease. An introduction to clinical medicine. Lange Medical Books/McGraw Hill, New York.
5. Silbernagel S, Lang F. Atlas of Pathophysiology. Georl Thieme Verlag, Stuttgart.

### **3. Microbiology**

#### **A. Obligatory**

Medical Microbiology, Eds. P.R. Murray, K.S. Rosenthal, M.A. Pfaller, 8th Edition, Elsevier, 2016.

#### **B. Additional**

01. Jawetz, Melnick, & Adelberg's Medical Microbiology. Eds. G.F.Brooks, Karen C.Caroll, Janet S. Butel, Stephen A. Morse, Timothy A. Mietzner, 26th Edition, Lange Medical Books/McGraw-Hill, New York, Chicago, San Francisco, Lisbon, London, Madrid, Mexico City, Milan, New Delhi, San Juan, Seoul, Singapore, Sydney, Toronto, 2013
02. Cases in Medical Microbiology and Infectious Diseases, Eds. P.H.Gilligan, M.L.Smiley, D.S.Shapiro, 3rd Edition, ASM Press, Washington, D.C., 2003.
03. Clinical bacteriology. Eds J.K.Struthers, R.P.Westran. ASM Press, Washington D.C., 2003.

## 4. Pharmacology

### A. Obligatory

01. Basic & Clinical Pharmacology, 14th ed. B. Katzung, A. Trevor (eds). (LANGE) McGraw Hill Education, New York.
02. Pharmacology Manual, 1st edition, V. Bradamante, M. Klarica, M. Salkovic-Petrisic (eds), Medicinska naklada, Zagreb, 2010

## 5. Pharmacoeconomics

### A. Obligatory

1. Oreskovic, S., I. Bozicevic, M. Mastilica, I. Bakran, S. G. Popovic, R. Ben-Joseph. (2002) Health care resources use by asthmatics in Croatia. *Journal of Asthma* 39(4):351-8.
2. Oreškovic S. Farmakoekonomika - koncepcije, metode i proturjecnosti. *Medicus* 2002;11:27-46

### B. Additional

- 1) M Nuijten, A Szende, J Kosa, Z Mogyorosy, B Kramberger, K Nemecek, D Tomek, S Oreskovic, M Laskowska Health care reform in six central European countries: A focus on health economic requirements in the drug pricing and reimbursement processes. *European Journal of Health Economics*. 4 (4):286-291.
- 2) Panos Kanavos. Financing Pharmaceuticals In Transition Economies; *Croatian Medical Journal* 1999; a. 40: 244-259
- 3) Ingrid Rosian, Claudia Habl, Sabine Vogler. Pharmaceuticals: Market Control in Nine European Countries; *Osterreichisches Bundesinstitut fur Gesundheitswesen Austrian Health Institute*. Vienna; November, 1998.
- 4) Ben-Joseph R, Oreškovic S, Božicevic I, Mastilica M, Bakran I, Sulic-Pintaric Z, Kukac L, Alemao E. Economic costs of asthma management in Croatia. *Allergy* 2000;55(suppl 63):262.
- 5) Mandic D, Oreškovic S, Francetic I. Oral antibiotic prescription in ambulatory care in 1999 - a contribution to the development of methods for drug consumption and prescription surveillance monitoring. *Collegium Antropologicum* 2001; 25: 459-65.
- 6) Panos Kanavos. Financing Pharmaceuticals in Transition Economies. *Croatian Medical Journal* 1999; 40:244-259.
- 7) Ramesh Govindaraj. Croatian Pharmaceutical Sector – Issues and Options. *Pharmaceutical Issues Options*. The World Bank
- 8) D. Štimac, I. Vukušić, J. Čulig. Outpatient use of systemic antibiotics in Croatia. *Pharmacy World & Science*, 2005; 27:230-5.
- 9) I. Vukušić, D. Štimac, J. Čulig. Cost-Efficiency of Nonsteroidal Anti-Inflammatory Drug Prescribing in Zagreb, Croatia. *Coll Antropol* 2005; 29: 143-
- 10) Danijela Štimac, Ivan Vukušić, Josip Čulig, Zvonimir Šostar, Mila Bucalić. Outpatient Utilization of Psychopharmaceuticals: Comparison between Croatia and Scandinavian Countries (2001-2003). *Coll. Antropol.* 2009; Vol. 33: 237-243.
- 11) Danijela Štimac, Josip Čulig, Ivan Vukušić, Zvonimir Šostar, Siniša Tomić and Mila Bucalić. Outpatient Utilization Patterns of the Six Main ATC Drug Groups in

Republic of Croatia, City of Zagreb, and Croatia Counties in 2004. Coll. Antropol. 2009; Vol. 33: 1197-1204.

- 12) Danijela Štimac, Marina Polić-Vižintin, Marija Škes, Albert Cattunar, Robert Cerović, Dražen Stojanović. Utilization of cardiovascular drugs in Zagreb 2001-2005, Acta Cardiologica 2010; 65(2): 193-201

## **6. History Taking and Physical Examination (Clinical Propaedeutics)**

### A. Obligatory

1. Bates' Pocket Guide to Physical Examination and History Taking. by [Bickley, Lynn S.](#); [Szilagyi, Peter G.](#); [Bates, Barbara](#). LIPPINCOTT WILLIAMS & WILKINS Philadelphia 2003

### B. Additional

1. Pocket Companion for Physical Examination and Health Assessment. [Jarvis, C.](#) Elsevier Science Health Science, 2003
2. A Guide to Physical Examination and History Taking. Bates B.; J. B. Lippincott, Philadelphia: 5th Edition, 1991
3. Anamneza i fizikalni pregled. Čustović, F. Školska knjiga, Zagreb 2000.
4. Internistička propedeutika i osnove fizikalne dijagnostike. Metelko Ž, Harambašić H. i sur. Medicinska naklada 1999.

## **7. Elective: Management in Hospital Setting**

### A. Obligatory

1. Goodwin, N., Gruen, R., & Iles, V. (2005). Managing Health Services (Understanding Public Health). Open University Press, 2005.
2. Black, Nick, and Reinhold Gruen. Understanding health services. McGraw-Hill Education (UK), 2005
3. Kovačić L, Zaletel-Kragelj L., editors "Management in health care practice", handbook, Hans Jacobs Publishing, Zagreb, 2008.
4. Bjegović V, Donev D., editors "Health systems and their evidence based development", handbook, Hans Jacobs Publishing, Beograd, 2004.,
5. Free Management Library. <http://www.managementhelp.org/>

## **8. Fundamentals of Medical Skills 3**

### Clinical and practical skills:

Degoricija V., Emergency medicine. Second edition. Zagreb: Libar, 2013.

### Communication Skills:

#### A. Obligatory

- 1) Djordjevic V, Bras M, Brajkovic L. Person Centered Medical Interview. Croatian Medical Journal. 2012; 53(4):310-3.
- 2) Milicic D. Personalized Cardiology. In: V.Djordjevic, M.Bras, D. Milicic (Eds). Person in Medicine and Helathcare: From Bench to Bedside to Community. Zagreb: Medicinska Naklada, 2012: 137-144;

- 3) Metelko Ž. Person-Oriented Approach in Diabetology. In: V.Djordjevic, M.Bras, D. Milicic (Eds). Person in Medicine and Helathcare: From Bench to Bedside to Community. Zagreb: Medicinska Naklada, 2012:157-160;
- 4) Danilov A. Biopsychosocial Model of Pain. In: V.Djordjevic, M.Bras, D. Milicic (Eds). Person in Medicine and Helathcare: From Bench to Bedside to Community. Zagreb: Medicinska Naklada, 2012: 281-292;
- 5) V.Djordjevic, M.Bras, D. Milicic (Eds). Person in Medicine and Helathcare: From Bench to Bedside to Community. Part IV, Zagreb: Medicinska Naklada, 2012: 357-405;

## **9. Medical Ethics**

### Compulsory text:

Medical Ethics Manual. World Medical Association, 2009.

## **10. Croatian Language 3**

### A. Obligatory

01. Course pack

## **11. Palliative Care**

### A. Obligatory

Cherny NI, Fallon MT, Kaasa S, Portenoy RK, Currow DC. Oxford Textbook of Palliative Medicine. 5th edition 2015. Oxford. Oxford University Press.

Watson M, Ward S, Vallnath N, Wells J, Campbell R (eds) Oxford Handbook of Palliative Care. 3rd edition. 2019. Oxford. Oxford University Press

Twycross R, Wilcock A. (Eds) Introducing Palliative Care 5th edition. 2018. Pharmaceutical Press

## **12. The most common adverse side effects of drugs in internal medicine**

Recommended:

- Matijevic B. The most common AE of drugs in ED. University of Zagreb, School of Medicine. Graduate thesis 2021.
- Prkacin I et al. Bleeding as a major cause of emergency attendance in pts on differetnt oral anticoagulants. AMC 2020; 74: 5.8.

Additional:

- Steinberg BA i suradnici. Off-Label Dosing of Non-Vitamin K Antagonist Oral Anticoagulants and Adverse Outcomes The ORBIT-AF II Registry.JACC 2016; 68 (24):2597-604.

## **13. Experimental Pharmacology and Pathology**

Recommended literature:

Leyla S, Gabor H. Sperm motility and viability: overview of the cellular and physiological aspects that support these functions. Emj repro. 2015;1[1]:74-80.

Zakon o zaštiti životinja NN 102/17 32/19 (na snazi od 01.04.2019.)  
<https://www.zakon.hr/z/257/Zakon-o-za%C5%A1titi-%C5%BEivotinja>

Marusteri M, Bacarea V. Comparing groups for statistical differences: how to choose the right statistical test? *Biochem Med* 2010;20(1):15–32

Mingzuo J, Nan W, Xi C, Weijie W, Yi C, Hao L, Wenjiao L, Di C, Xiaowei L, Bing X. Pathogenesis of and major animal models used for nonalcoholic fatty liver disease, *Journal of International Medical Research* 2019, Vol. 47(4) 1453–1466

Torres Fernandez ED, Huffman AM, Syed M. Effect of GLP-1 Receptor Agonists in the Cardiometabolic Complications in a Rat Model of Postmenopausal PCOS. *Endocrinology*. 2019. 8.:2019-00450.

Lovric-Bencic M, Sikiric P, Hanzevacki JS, Seiwert S, Rogic D, Kusec V, Aralica G, Konjevoda P, Batelja L, Blagaic AB. Doxorubicine-congestive heart failure-increased big endothelin-1 plasma concentration: reversal by amlodipine, losartan, and gastric pentadecapeptide BPC157 in rat and mouse. *J Pharmacol Sci*. 2004 May;95(1):19-26.

Sikiric P, Hahm KB, Blagaic AB, Tvrdeic A, Pavlov KH, Petrovic A, Kokot A, Gojkovic S, Krezic I, Drmic D, Rucman R, Seiwert S. Stable Gastric Pentadecapeptide BPC 157, Robert's Stomach Cytoprotection/Adaptive Cytoprotection/Organoprotection, and Selye's Stress Coping Response: Progress, Achievements, and the Future. *Gut Liver*. 2019 Jun 4.

Sikiric P, Seiwert S, Rucman R, Drmic D, Stupnisek M, Kokot A, Sever M, Zoricic I, Zoricic Z, Batelja L, Ziger T, Luetic K, Vlainic J, Rasic Z, Bencic ML. Stress in Gastrointestinal Tract and Stable Gastric Pentadecapeptide BPC 157. Finally, do we have a Solution? *Curr Pharm Des*. 2017;23(27):4012-4028.

Becejac T, Cesarec V, Drmic D, Hirs D, Madzarac G, Djakovic Z, Bunjevac I, A Zenko, Sever A, Sepac A, Batelja Vuletic L, Stancic Rokotov D, Seiwert S, Sikiric. An endogenous defensive concept, renewed cytoprotection/adaptive cytoprotection: intra(per)-oral/intraaortic strong alcohol in rat. Involvement of pentadecapeptide BPC 157 and nitric oxide system. *J Physiol Pharmacol*. 2018 Jun;69(3)

Wang XY, Qu M, Duan R, Shi D, Jin L, Gao J, Wood JD, Li J, Wang GD. Cytoprotective Mechanism of the Novel Gastric Peptide BPC157 in Gastrointestinal Tract and Cultured Enteric Neurons and Glial Cells. *Neurosci Bull*. 2019 Feb;35(1):167-170.

Additional literature will be provided by each teacher during their lectures.