

LIST OF TEXTBOOKS-5th YEAR:

1. Anesthesiology

A. Obligatory

1. **John F. Butterworth IV, David C. Mackey, John D. Wasnick: Morgan and Mikhail's Clinical Anesthesiology 6th edition**

The following chapters:

SECTION I Anesthetic Equipment & Monitors

- 2 The Operating Room Environment
- 5 Cardiovascular Monitoring
- 6 Noncardiovascular Monitoring

SECTION II Clinical Pharmacology

- 7 Pharmacological Principles
- 8 Inhalation Anesthetics
- 9 Intravenous Anesthetics
- 10 Analgesic Agents
- 11 Neuromuscular Blocking Agents
- 12 Cholinesterase Inhibitors & Other Pharmacological Antagonists to Neuromuscular Blocking Agents
- 13 Anticholinergic Drugs
- 14 Adrenergic Agonists & Antagonists
- 16 Local Anesthetics
- 17 Adjuncts to Anesthesia (only 'key concepts' table)

SECTION III Anesthetic Management

- 18 Preoperative Assessment, Premedication, & Perioperative Documentation
- 19 Airway Management
- 20 Cardiovascular Physiology & Anesthesia
- 21 Anesthesia for Patients with Cardiovascular Disease
- 23 Respiratory Physiology & Anesthesia
- 24 Anesthesia for Patients with Respiratory Disease
- 26 Neurophysiology & Anesthesia
- 30 Kidney Physiology & Anesthesia
- 33 Hepatic Physiology & Anesthesia
- 39 Anesthesia for Trauma & Emergency Surgery
- 42 Pediatric Anesthesia
- 44 Ambulatory & Non- Operating Room Anesthesia

SECTION IV Regional Anesthesia & Pain Management

- 45 Spinal, Epidural, & Caudal Blocks
- 46 Peripheral Nerve Blocks

SECTION V Perioperative & Critical Care Medicine

- 51 Fluid Management & Blood Component Therapy
- 52 Malignant Hyperthermia
- 54 Anesthetic Complications
- 55 Cardiopulmonary Resuscitation

2. ERC guidelines 2021

The following guidelines (guidelines available at <http://crpguidelines.eu>):

1. Basic life support
2. Adult advanced life support
3. Pediatric life support

3. Official lectures and seminars (presentations available on LMS)

2. Surgery

A. Obligatory

1. Andrew Goldberg, Gerard Stansby (eds.) Surgical talk : revision in surgery . 2nd edition. London, Imperial College Press, 2005. It is very useful for an overview, but should not be the sole source of a student's reading.
2. Schwartz. Principles of surgery. is the definitive text. It contains more than we expect you to learn during your 6-week rotation. Use the Curriculum Outline to direct your reading. Selected chapters

E- Books & Ovid:

1. [Greenfield's Surgery: Scientific Principles and Practice](#)
Editor: Mulholland, Michael W.; Lillemoe, Keith D.; Doherty, Gerard M.; Maier, Ronald V.; Upchurch, Gilbert R.
Publisher: Lippincott Williams & Wilkins
Edition: 4th Edition
ISBN: 0781756243
2. Handouts for seminars and practical work
3. Surgical Seminar discussions: Discussions will be specific to surgical topics. Student participation is mandatory throughout the all weeks rotation.

3. Urology

Selected chapters of Smith's Urology

4. Orthopaedics

A. Obligatory

01. Solomon, L., Warwick, D., NAYagam, S. Apley's System of Orthopaedics and Fractures, Ninth edition, Hodder Arnold, 2010
02. Miller, M. Review of Orthopaedics: Expert Consult - Online and Print, 6e, Saunders, 2012
03. Handouts for lectures, seminars, and practical work

B. Additional

01. Mcrae, R. Clinical Orthopaedic Examination.Churchill Livingstone; 6th ed.,2010.
02. Weinstein, SL., Buckwalter, JA. Turek's Orthopaedics: Principles and Their Application. Lippincott Williams &Wilkins; 6th ed., 2005.

03. Mcrae, R., Esser, M. Practical Fracture Treatment. Churchill Livingstone; 5th ed., 2008.

5. Maxillofacial Surgery with Basic Principles of Stomatology

A. Obligatory - on line articles

1. https://www.uclahealth.org/head-neck-surgery/workfiles/Secure/Suggested%20Readings/Andrews_Myers-Head_and_Neck_Melanoma.pdf
2. <https://www.mskcc.org/cancer-care/patient-education/melanoma-head-and-neck>
3. <http://journals.sagepub.com/doi/pdf/10.1177/107327480501200406>
4. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3146335/>
5. <https://www.mayoclinic.org/diseases-conditions/lip-cancer/symptoms-causes/syc-20355079>
6. <https://www.cancer.gov/types/head-and-neck/patient/adult/paranasal-sinus-treatment-pdq>
7. <https://www.cancerresearchuk.org/about-cancer/nasal-sinus-cancer>
8. <https://www.cancer.gov/types/head-and-neck/head-neck-fact-sheet>
9. <https://oralcancerfoundation.org/wp-content/uploads/2016/09/head-and-neck.pdf>
10. <https://www.cancer.org/content/dam/CRC/PDF/Public/8808.00.pdf>
11. JAW_CYSTS.doc; <http://stariweb.kbd.hr/index.php?id=828>
12. Deformities.doc <http://stariweb.kbd.hr/index.php?id=828>
13. Cleft_Lip_and_Palate.doc <http://stariweb.kbd.hr/index.php?id=828>
14. Odontogenic_Infections-no_figures.doc <http://stariweb.kbd.hr/index.php?id=828>
15. Maxillofacial_trauma-no_figures.doc <http://stariweb.kbd.hr/index.php?id=828>
16. PLASTIC_AND_RECONSTRUCTIVE_SURGERY_OF_H_N.doc <http://stariweb.kbd.hr/index.php?id=828>

Additional

1. James R. Hupp, Elie M. Ferneini (Eds.) Head, Neck and Orofacial Infections. A Multidisciplinary Approach. Elsevier, 2015.
2. Jatin P. Shah, Snehal G. Patel, Bhuvanesh Singh (Eds.). Head and Neck Surgery and Oncology, 4th Edition, Mosby, 2012.
3. <https://www.hoofdhalshanker.info/wpavl/wp-content/uploads/TNM-Classification-of-Malignant-Tumours-8th-edition.pdf>
4. James R. Hupp, Edward Ellis III, Myron R. Tucker. Contemporary Oral and Maxillofacial Surgery, 6th Edition, 2014.
5. <https://www.cambridge.org/core/services/aop-file-manager/file/57fbbd73983d5b2b18ef2ac9/JLO%20Head%20and%20Neck%20Single%20File.pdf>

The list of literature available in Croatian language:

1. Lukšić I i suradnici. MAKSILOFACIJALNA KIRURGIJA (udžbenik). Zagreb: Naklada Ljevak, 2019.
2. Nastavni tekstovi u elektronskom obliku dostupni na web stranici Katedre: <http://www.mef.hr/katedre/mksfac/index.htm>

6. Ophthalmology

- Ophthalmology and Optometry, Cerovski et.al., 2016.
Translated Croatian student book "Ophthalmology" on LMS
- Handouts for seminars and practical work

- Additional readings (suggested by the lecturer)
Lang KG. Ophthalmology.

7. Otorhinolaryngology – Head and Neck Surgery

Probst R, Grevers G, Iro H. Basic Otorhinolaryngology. Stuttgart: Thieme, 2006

Literature for **interactive seminars**:

Jafek WB, Murow WB. ENT Secrets, 3rd Edition - With STUDENT CONSULT Online Access Philadelphia: Elsevier, 2005

8. Physical and Rehabilitation Medicine

1. David X. Cifu, et al., *Braddom's Physical Medicine and Rehabilitation*, 5th ed., Philadelphia, PA, 2016.
2. Prof. Walter R. Frontera MD PhD, *DeLisas Physical Medicine and Rehabilitation Principles and Practice*, Two Volume Set (Rehabilitation Medicine-Delisa), 5th ed., Philadelphia, PA, 2016.
3. Matthew Shatzer., *Physical Medicine and Rehabilitation Pocketpedia*. 3rd ed., New York, 2018.
4. Thomas D. Rizzo Jr., *Essentials of Physical Medicine and Rehabilitation Musculoskeletal Disorders, Pain, and Rehabilitation*, 4th ed., Philadelphia, Pa, 2019.

9. Gynecology & Obstetrics

1. Obstetrics by Ten Teachers, 20th Edition. LC Kenny, JE Myers. CRC Press 2017.
2. Gynaecology by Ten Teachers, 20th Edition. L Kenny, H Bickerstaff. CRC Press 2017.
3. Berek & Novak's Gynecology. S Berek, E Novak. Lippincott Williams & Wilkins, 2007.
4. **Selected chapters in** Williams Obstetrics, 25th Edition. JS Dashe, SL Bloom, CY Spong, BL Hoffman. McGraw Hill Professional, 2018.

10. Pediatrics

A. Obligatory

01. Kliegman RM, Marcandante K, Jenson HB, Behrman RE, eds. „Nelson Essentials of Pediatrics“, 8th edition, Elsevier, 2018.

B. Additional

01. Selected chapters from Nelson's Textbook of Pediatrics, 20th ed. Elsevier, 2015.
02. www.pediatrics.org

11. Medical Informatics

A. Obligatory

1. Medical Informatics (compiled by J.Kern, K.Fišter, J.Božikov). (<http://lms.mef.hr>)
2. Selected papers from the medical informatics journals (papers)
3. Handouts for practicals (<http://lms.mef.hr>)

B. Additional

1. Hoyt R, Sutton M, Yoshihashi A. Medical Informatics: Practical Guide for the Healthcare Professional 2007. Lulu.com 2007. (book)
2. Kern J: Standardization in Health and Medical Informatics. In: Lazakidou AA (Ed). Handbook of Research on Informatics in healthcare and Biomedicine. Hershey – London – Melbourne – Singapore: Idea Group Inc. 2006. pp. 44-50. (book chapter)
3. Kern J. Croatian Experience in Health Information System Development – what we have and what we need? AIM 2010;18(3):147-150. (paper)
4. Kern J, Fišter K, Polašek O. Active Patient Role in Recording Health Data. In: Mehdi Khosrow-Pour M (Ed). Encyclopedia of Information Science and Technology (Second Edition). Hershey – New York: Information Science Reference 2009. pp. 14-19. (book chapter)
5. Taylor P. From patient data to medical knowledge: the principles and practice of health informatics. Oxford: Blackwell Publishing Ltd 2007. (Optional).

12. Epidemiology

A. Obligatory

1. Merrill RM Introduction to epidemiology, 6th ed., Jones Bartlet 2013. or 7th ed. or
 2. Penny Webb; Chris Bain; Andrew C Page. Essential epidemiology : an introduction for students and health professionals Cambridge univ. press. 2th, 3th or 4.th edition or
 3. Gordis L. Epidemiology. 3rd ed. or newer editions WB Sanders Company. Philadelphia, 2004
- Handouts for seminars and practicals; selected papers form indexed journals and other sources of data attached to leranin medical system (LMS)

B. Additional

Olsen J., Saracci R., Trichopoulos D. Teaching epidemiology. 2nd ed. Oxford university Press, Oxford, New York, 2001.

13. Fundamentals of Medical Skills 5

Clinical and practical skills

Handouts

Communication Skills

01. Djordjevic V, Bras M, Brajkovic L. Person Centered Medical Interview. Croatian Medical Journal. 2012; 53(4):310-3.
02. 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;
- 03.Metelko Ž. Person-Oriented Approach in Diabetology.In: V.Djordjevic, M.Bras, D. Milicic (Eds). Personi n Medicine and Helathcare: From Bench to Bedside to Community. Zagreb: Medicinska Naklada, 2012:157-160;
04. 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;

05. 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;