

LIST OF TEXTBOOKS-6th YEAR:

1. Family Medicine

A. Obligatory

1. Katić M, Švab I, et al. Family Medicine. 1st ed. Zagreb: Medicinska naklada, 2017.
2. Lectures and seminars presentations at LMS

B. Additional

1. Paulman PM, Taylor RB, Paulman AA, Nasir LS (Ed.). Family Medicine: Principles and Practice. 7th ed. New York: Springer International Publishing, 2017.
2. Rakel RE (Ed.) Textbook of Family Medicine. 9th ed. Philadelphia: Saunders, Elsevier Inc. 2015.
3. Jones R. Britten N et al. Oxford Textbook of Primary Medical Care. New York: Oxford University Press, 2003.

2. Organization and Management of Health Care

A. Obligatory

Manual "Organization and management of health care services", professor Selma Šogorić, lecturers and associates of the Department of Social medicine and Organization of Health Care Services, School of Medicine, University of Zagreb, 2017.

B. Additional

According to selected seminar topic

3. Environmental Health

A. Obligatory

Rom WN, Markowitz S (eds). Environmental and Occupational Medicine. Lippincott Williams & Wilkins : 2006. Available at:
<http://www.snz.hr/~mmilosev/ENVOCCM.zip><<http://www.snz.hr/%7Emmilosev/ENVOCCM.zip>>

American Academy of Pediatrics: Pediatric Environmental Health – selected topics

4. Community Health

A. Obligatory

1. Detels R., Beaglehole R, Lansang MA, Gulliford M. Textbook of Public Health, Fifth edition. London: Oxford University Press, 2011. (selected chapters)

B. Additional

Teaching materials in e-form on LMS.

5. Forensic Medicine

A. Obligatory

- Payne-James, Jason; Jones, Richard Martin. Simpson's Forensic Medicine. 14th ed., textbook, CRC Press, 2019
- Material available at LMS

B. Additional

- Dettmeyer R, Verhoff MA, Schütz HF. Forensic Medicine. Fundamentals and Perspectives. Springer, 2014

6. Integrated Clinical Module 1

Obligatory

Robert Davidson, Andrew J. Brent, Anna C. Seale, Lucille Blumberg. Oxford Handbook of Tropical Medicine 5th ed. 2021. Oxford University Press.

Additional

Jeremy Farrar, Patricia J. Garcia, Peter J Hotez, Thomas Junghanss, Gagandeep Kang, David Lalloo, Nicholas J. White: Manson's Tropical Diseases, 24th Edition. Published by Saunders of Elsevier Ltd., London, UK, 2023.

Handouts for seminars

7. Integrated Clinical Module 2

A. Obligatory

Neurological Emergencies. in: Degoricija V. (ed): Emergency Medicine. Zagreb: MMM Marketing d.o.o. 2011. 190-219.

B. Additional

European Stroke Organisation (ESO) guidelines on the management of space-occupying brain infarction

Berge E, Whiteley W, Audebert H, De Marchis GM, Fonseca AC, Padiglioni C, de la Ossa NP, Strbian D, Tsivgoulis G, Turc G. European Stroke Organisation (ESO) guidelines on intravenous thrombolysis for acute ischaemic stroke. Eur Stroke J. 2021 Mar;6(1):I-LXII. doi: 10.1177/2396987321989865.

van der Worp HB, Hofmeijer J, Jüttler E, Lal A, Michel P, Santalucia P, Schönenberger S, Steiner T, Thomalla G. European Stroke Organisation (ESO) guidelines on the management of space-occupying brain infarction. Eur Stroke J. 2021 Jun;6(2):XC-CX. doi: 10.1177/23969873211014112.

van der Worp HB, Hofmeijer J, Jüttler E, Lal A, Michel P, Santalucia P, Schönenberger S, Steiner T, Thomalla G. European Stroke Organisation (ESO) guidelines on the management of space-occupying brain infarction. Eur Stroke J. 2021 Jun;6(2):XC-CX. doi: 10.1177/23969873211014112.

van der Worp HB, Hofmeijer J, Jüttler E, Lal A, Michel P, Santalucia P, Schönenberger S, Steiner T, Thomalla G. European Stroke Organisation (ESO) guidelines on the management of space-occupying brain infarction. Eur Stroke J. 2021 Jun;6(2):XC-CX. doi: 10.1177/23969873211014112.

van der Worp HB, Hofmeijer J, Jüttler E, Lal A, Michel P, Santalucia P, Schönenberger S, Steiner T, Thomalla G. European Stroke Organisation (ESO) guidelines on the management of space-occupying brain infarction. Eur Stroke J. 2021 Jun;6(2):XC-CX. doi: 10.1177/23969873211014112.

van der Worp HB, Hofmeijer J, Jüttler E, Lal A, Michel P, Santalucia P, Schönenberger S, Steiner T, Thomalla G. European Stroke Organisation (ESO) guidelines on the management of space-occupying brain infarction. Eur Stroke J. 2021 Jun;6(2):XC-CX. doi: 10.1177/23969873211014112.

Debette S, Mazighi M, Bijlenga P, Pezzini A, Koga M, Bersano A, Körv J, Haemmerli J, Canavero I, Tekiela P, Miwa K, J Seiffge D, Schilling S, Lal A, Arnold M, Markus

HS, Engelter ST, Majersik JJ. ESO guideline for the management of extracranial and intracranial artery dissection. *Eur Stroke J*. 2021 Sep;6(3):XXXIX-LXXXVIII. doi: 10.1177/23969873211046475. Erratum in: *Eur Stroke J*. 2023 Mar;8(1):399.

Lovrencic-Huzjan A, Vukovic V, Gopcevic A, Vucic M, Kriksic V, Demarin V. Transcranial Doppler in brain death confirmation in clinical practice. *Ultraschall Med/ Europ J Ultrasound* 2011; 32(1): 62-66.

Demarin V, Lovrenčić-Huzjan A, Vargek-Solter V, Vuković V, Miškov S, Mikula I, Perić M, Gopčević A, Kusić Z, Balenović A, Klanfar Z, Bušić M. Consensus opinion on diagnosing brain death – guidelines for use of confirmatory tests. Report of Croatian Neurovascular Society and University Department of Neurology, Sestre milosrdnice University Hospital, Reference Center for Neurovascular Disorders and the Ministry of Health of Republic of Croatia. *Acta clin Croat* 2005; 44: 65-79.

Gopčević A, Vučić M, Lovrenčić-Huzjan A, Vuković V, Bušić M, Vargek-Solter V, Schmidt S, Kovačić N, Rotim K, Demarin V. Increased donor rate at Sestre milosrdnice University Hospital. *Acta Clin Croat* 2009; 48: 319-324.

Demarin V, Lovrenčić-Huzjan A, Bašić C, Bašić-Kes V, Bielen I, Breitenfeld T, Brkljačić B, Cambi-Sapunar L, Jurjević A, Kadojić D, Krolo I, Lovričević I, Lušić I, Radoš M, Rundek T, Schmidt S, Trkanjec Z, Vargek-Solter V, Vidjak V, Vuković V, Croatian Society for Neurovascular Disorders, Croatian Society of Neurology, Croatian Society of Ultrasound in Medicine and Biology, Croatian Society of Radiology, Croatian Society of Vascular Surgery and Croatian Society of Neurosurgery. Recommendations for the management of patients with carotid stenosis. *Acta Clin Croat* 2010; 49: 101-118.

Demarin V, Lovrenčić-Huzjan A, Trkanjec Z, Vuković V, Vargek-Solter V, Šerić V, Lušić I, Kadojić D, Bielen I, Tuškan-Mohar L, Aleksić-Shihabi A, Dikanović M, Hat J, DeSyo D, Lupret V, Beroš V. Recommendations for stroke management - 2006 update. *Acta Clin Croat* 2006; 45: 219-285

8. Emergency Medicine

Obligatory

Vesna Degoricija (editor): *Emergency Medicine*; Second edition, Zagreb 2013.

9. End-of-Life Care

A. Obligatory

1. Andrew D Bersten and Jonathan M Handy: *Oh's Intensive Care Manual* 8th edition

The following chapters:

7 Ethics in Intensive Care

11 Palliative Care

2. Mark F. Newman, Lee A. Fleisher, Clifford Ko and Michael (Monty) Mythen: *Perioperative Medicine* 2nd edition

The following chapters:

43 Role of Palliative Care

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

10. Geriatrics

A. Obligatory

01. Ewans GJ, Williams TF, Beattie L, Michel J-P, Wilcock GK. The Oxford Textbook of Geriatric Medicine. Oxford Univ. Press 2003.
02. Durakovic Z, Misigoj-Durakovic M. Anthropology of Aging. Encyclopaedia of life support system (EOLLS), Developed under the auspices of the UNESCO, Eolss Publishers 2006, Oxford, UK (<http://www.eolss.net>).
03. Durakovic Z. et al. Geriatrics – Medicine for the Elderly (in croatian), CT-poslovne informacije, Zagreb 2007.
04. Durakovic Z et al. Farmakoterapija u gerijatriji / Geriatric Pharmacotherapy (in english), CT-poslovne informacije, Zagreb 2011.

B. Additional

01. Hazzard WR, Blass JP, Ettinger WH, Halter JB, Ouslander JG. Principles of Geriatric Medicine nad Gerontology. 4.ed., McGrew-Hill, New York 1999.
02. Beers MH, Berkow R. The Merck Manual of Geriatrics, Merck Res Lab , Whitehouse, NJ 2000.
03. Trech DD, Aronow WS. Cardiovascular Diseases in the Elderly. 3.ed., Dekker M, New York 2004.
04. Masoro EJ, Austad SN. Handbook of the Biology of Aging, Academic Press, 6. ed., San Diego, CA, 2006.

11. Problems of Addiction

A. Obligatory

1. Sadock BJ, Sadock VA, Ruiz P: Kaplan and Sadock's Synopsis of Psychiatry - Behavioral Sciences/Clinical Psychiatry, Eleventh Edition. Wolters Kulwer: Philadelphia, 2015.
2. American Psychiatric Association. Diagnostic and statistical manual of mental disorders (5th ed.). Washington, DC: American Psychiatric Publishing, Inc.;2013.
3. Handouts for seminars and practical work

12.School and University Medicine

A. Obligatory

1. Detels R, Beaglehole R, Lansang MA, Gulliford M. Textbook of Public Health, Fifth Edition. London: Oxford University Press, 2011. (selected chapters)
2. Lawrence S Neinstein et al: Adolescent health care: a practical guide. Philadelphia, Lippincott Williams & Wilkins; 2008. (selected chapters)
3. Gail B Slap. Adolescent medicine. Philadelphia, PA Mosby/Elsevier; 2008. (selected chapters)

B. Additional

Additional literature will be assigned individually during the seminar preparations:

List of articles:

Mental Health of School Children and Youth

1. de Figueiredo CS, Sandre PC, Portugal LCL, Mázala-de-Oliveira T, da Silva Chagas L, Ícaro Raony, Soares Ferreira ES, Giestal-de-Araujo E, Dos Santos

- AA, Bomfim POS. COVID-19 pandemic impact on children and adolescents' mental health: Biological, environmental, and social factors. *Prog Neuropsychopharmacol Biol Psychiatry*. 2021;2;106:110171.
2. Wagner G, Zeiler M, Waldherr K, Philipp J, Truttmann S, Dür W, Treasure JL, Karwautz AFK. Mental health problems in Austrian adolescents: a nationwide, two-stage epidemiological study applying DSM-5 criteria. *Eur Child Adolesc Psychiatry*. 2017;26(12):1483-99.
 3. Mustonen A, Niemelä S, McGrath JJ, Murray GK, Nordström T, Mäki P, Miettunen J, Scott JG. Adolescent inhalant use and psychosis risk - a prospective longitudinal study. *Schizophr Res*. 2018; pii: S0920-9964(18)30270-6.
 4. Mustonen A, Niemelä S, Nordström T, Murray GK, Mäki P, Jääskeläinen E, Miettunen J. Adolescent cannabis use, baseline prodromal symptoms and the risk of psychosis. *Br J Psychiatry*. 2018;212(4):227-33.
 5. Agnew-Blais JC, Polanczyk GV, Danese A, Wertz J, Moffitt TE, Arseneault L. Young adult mental health and functional outcomes among individuals with remitted, persistent and late-onset ADHD. *Br J Psychiatry*. 2018;29:1-9.
 6. Takeuchi H, Taki Y, Asano K, Asano M, Sassa Y, Yokota S, Kotozaki Y, Nouchi R, Kawashima R. Impact of frequency of internet use on development of brain structures and verbal intelligence: Longitudinal analyses. *Hum Brain Mapp*. 2018.
 7. Brownlie E, Beitchman JH, Chaim G, Wolfe DA, Rush B, Henderson J. Early Adolescent Substance Use and Mental Health Problems and Service Utilisation in a School-based Sample. *Can J Psychiatry*. 2018; 1:706743718784935
 8. Leiner M, Dwivedi AK, Villanos MT, Singh N, Blunk D, Peinado J. Psychosocial profile of bullies, victims, and bully-victims: a cross-sectional study. *Front Pediatr*. 2014;14;2:1.
 9. Holt MK, Vivolo-Kantor AM, Polanin JR, Holland KM, DeGue S, Matjasko JL, Wolfe M, Reid G. Bullying and suicidal ideation and behaviors: a meta-analysis. *Pediatrics*. 2015;135(2):e496-509.
 10. Lee B, Jeong S, Roh M. Association between body mass index and health outcomes among adolescents: the mediating role of traditional and cyber bullying victimization. *BMC Public Health*. 2018;18(1):674.
 11. Picazo-Zappino J. Suicide among children and adolescents: a review. *Actas Esp Psiquiatr*. 2014 May;42(3):125-32.
 12. Viner RM, Gireesh A, Stiglic N, Lee D, Hudson LD, Godding AL, Ward JL, Dasha E, Nicholls DE. Roles of cyberbullying, sleep, and physical activity in mediating the effects of social media use on mental health and wellbeing among young people in England: a secondary analysis of longitudinal data. *Lancet Child Adolesc Health*. 2019;3(10):685-96.
 13. Gassó AM, Klettke B, Agustina JR, Montiel I. Sexting, Mental Health, and Victimization Among Adolescents: A Literature Review. *Int J Environ Res Public Health*. 2019; 3;16(13):2364.

Reproductive Health of Youth

1. Liang M, Simelane S, Fortuny Fillo G, Chalasani S, Weny K, Salazar Canelos P, Jenkins L, Moller AB, Chandra-Mouli V, Say L, Michielsen K, Engel DMC, Snow R. The State of Adolescent Sexual and Reproductive Health. *J Adolesc Health*. 2019;65(6S):S3-S15.

2. Scott RH, Wellings K, Lindberg L. Adolescent Sexual Activity, Contraceptive Use, and Pregnancy in Britain and the U.S.: A Multidecade Comparison. *J Adolesc Health* 2020 May;66(5):582-8.
3. Hibler Han K, Majer M, Jureša V. Seksualno ponašanje dviju generacija studenata u Osijeku. *Paediatr Croat.* 2018;62:34–42.
4. Newman L, Rowley J, Hoorn S Vander, Wijesooriya NS, Unemo M, Low N, Stevens G, Gottlieb S, Kiarie J, Temmerman M. Global Estimates of the Prevalence and Incidence of Four Curable Sexually Transmitted Infections in 2012 Based on Systematic Review and Global Reporting. *PLoS One.* 2015;10(12):1–17.
5. Sieving RE, Gewirtz O'Brien JR, Saftner MA, Argo TA. Sexually Transmitted Diseases Among US Adolescents and Young Adults: Patterns, Clinical Considerations, and Prevention. *Nurs Clin North Am* 2019;54(2):207-25.
6. Mann L, Bateson D, Black KI. Teenage pregnancy. *Aust J Gen Pract.* 2020;49(6):310-6.
7. Grubb LK, Powers M; COMMITTEE ON ADOLESCENCE. Emerging Issues in Male Adolescent Sexual and Reproductive Health Care. *Pediatrics.* 2020;145(5):e20200627.
8. Chawłowska E, Lipiak A, Krzysztozek J, Krupa B, Staszewski R. Reproductive Health Literacy and Fertility Awareness Among Polish Female Students. *Front Public Health.* 2020;11;8:1-12.
9. Drolet M, Bénard É, Pérez N, Brisson M, HPV Vaccination Impact Study Group. Population-level impact and herd effects following the introduction of human papillomavirus vaccination programmes: updated systematic review and meta-analysis. *Lancet* 2019;10;394(10197):497-509.

Growth and Development, Cardiometabolic Risk Factors

1. NCD Risk Factor Collaboration (NCD-RisC). Worldwide trends in body-mass index, underweight, overweight, and obesity from 1975 to 2016: a pooled analysis of 2416 population-based measurement studies in 128·9 million children, adolescents, and adults. *Lancet.* 2017; 390(10113):2627-42.
2. G Nittari, S Scuri, F Petrelli, I Pirillo, N M di Luca, I Grappasonni . Fighting obesity in children from European World Health Organization member states. Epidemiological data, medical-social aspects, and prevention programs. *Clin Ter.* 2019;170(3):e223-e30.
3. Jureša V, et al. Growth Charts for Croatian School Children and Secular Trends in Past Twenty Years. *Croatian Growth Charts Secular Trends, Coll. Antropol.* 36 (2012) Suppl. 1: 47–57.
4. Jureša V et al. Behavioral Pattern of Overweight and Obese School Children. *Coll. Antropol.* 36 (2012) Suppl. 1: 139–46.
5. Bjerregaard LG , Jensen BW, Ängquist L, Osler M, Thorkild I A Sørensen TIA, Baker JL. Change in Overweight from Childhood to Early Adulthood and Risk of Type 2 Diabetes. *N Engl J Med.* 2018;378(14):1302-12.
6. Lloyd LJ, Langley-Evans SC, McMullen S. Childhood obesity and adult cardiovascular disease risk: a systematic review. *Int J Obes (Lond).* 2010;34(1):18-28.
7. Mead E, Atkinson G, Richter B, Metzendorf MI, Baur L, Finer N, Corpeleijn E, O'Malley C, Ells LJ. Drug interventions for the treatment of obesity in children and adolescents. *Cochrane Database Syst Rev.* 2016; 29;11(11):CD012436.

8. Weihrauch-Blüher S, Kromeyer-Hauschild K, Graf C, Widhalm K, Korsten-Reck U, Jödicke B, Markert J, Müller MJ, Moss A, Wabitsch M, Wiegand S. Current Guidelines for Obesity Prevention in Childhood and Adolescence. *Obes Facts*. 2018;11(3):263-276. doi: 10.1159/000486512. [Epub ahead of print]
9. Flodmark CE. Prevention Models of Childhood Obesity in Sweden. *Obes Facts*. 2018;11(3):257-62.
10. Musil V, Majer M, Juresa V. Elevated blood pressure in school children and adolescents--prevalence and associated risk factors. *Coll Antropol*. 2012 Jan;36 Suppl 1:147-55.
11. Redwine KM, Falkner B. Progression of prehypertension to hypertension in adolescents. *Curr Hypertens Rep*. 2012 Dec;14(6):619-25.

12. Elective: Basics of pediatric allergy

A. Obligatory

Pediatric Allergy. Principles and Practice by Donald Y.M. Leung
 Middleton's Allergy Principles & Practice by Adkinson NF et al.
 Pediatric Allergy, Asthma and Immunology by Cantani, Arnaldo
 Pediatric Allergy by Mark H. Moss

B. Additional

1. Bousquet, J., Schünemann, H.J., Togias, A, et al. Allergic Rhinitis and Its Impact on Asthma Working Group (2020). Next-generation Allergic Rhinitis and Its Impact on Asthma (ARIA) guidelines for allergic rhinitis based on Grading of Recommendations Assessment, Development and Evaluation (GRADE) and real-world evidence. *Journal of allergy and clinical immunology* 2020; 145(1), 70-80.
2. Global Initiative for Asthma. Global strategy for asthma management and prevention (2022 update). Fontana, WI, USA: GINA, 2023. Available at: ginasthma.org/wp-content/uploads/2023/05/GINA-2023-Full-Report-2023-WMS.pdf
3. Cardona et al. World Allergy Organization Anaphylaxis Guidance 2020. *World Allergy Organization Journal* (2020) 13:100472
<http://doi.org/10.1016/j.waojou.2020.100472>
4. Muraro A, et al. Managing food allergy: GA2LEN guideline 2022. *World Allergy Organ J* 2022 Sep 7;15(9):100687. doi: 10.1016/j.waojou.2022.100687.
5. Khan DA, et al. Drug allergy: A 2022 practice parameter update, *J All Clin Immunol* 2022; 150(6); 1333-1393.

14. Elective: Nerve Compression syndromes of the upper limb

A. Obligatory

- 1) Bradon J Wilhelmi, Ryan Naffziger, Michael Neumeister. Nerve Compression Syndromes of the Hand. <http://emedicine.medscape.com/article/1285531-overview>
- 2) Andrew Goldberg, Gerard Stansby (eds.) Surgical talk: Revision in surgery. 2nd edition. London, Imperial College Press, 2005.
- 3) Schwartz's Principles of Surgery. 10th edition. New York, McGraw Hill, 2015.

B. Additional

) Yves Allieu, Susan E Mackinnon. Nerve Compression Syndromes of the Upper Limb. CRC Press, 2008.

- 2) Soo-Jung Choi, Jae Hong Ahn, Dae Shik Ryu, Chae Hoon Kang, Seung Mun Jung, Man Soo Park, Dong-Rock Shin. Ultrasonography for nerve compression syndromes of the upper extremity. Ultrasonography 2015;34:275-291.
- 3) Lecture hand-outs

14. Elective: Ultrasound as a stethoscope

Obligatory:

D. Lichtenstein: Whole body ultrasound in critically ill., Springer 2010.

D. Lichtenstein: Ultrazvuk cijelog tijela u kritično bolesnih. Medicinska naklada 2021.

Additional:

- R Radonić: Interventional ultrasound in the intensive care unit. U knjizi Selected topics in intensive care medicine, urednici D Bennet, V Gašparović, Monduzzi editore 329-342, 2009

- D Lichtenstein: Whole body ultrasound in the ICU, a visual approach to the critically ill. U knjizi Selected topics in intensive care medicine, urednici D Bennet, V Gašparović, Monduzzi editore 329-342, 2009

- R Radonić. Assessment of hemodynamics by basic ultrasound. Signa Vitae 2017, (supl 1); 27-31

15. Elective: How to write an MD thesis

Obligatory:

Marušić M. Principles of research in medicine. 2nd ed., Zagreb, Medicinska naklada, 2015.

Additional:

Sharma PR. How to write a MD thesis. Available from:

http://www.prsharma.com.np/articles/thesis_writing.pdf

The dos and don'ts of academic writing. Available from:

<https://www.scribbr.com/category/academic-writing/>

16 Elective: Clinical Round

Obligatory:

Clinical solving problems series from New England Journal of Medicine

Additional:

Case presentations – New England Journal of Medicine

Practical guidelines related to the topic

17. Occupational and Sports Medicine

MANDATORY COURSE READING

- Professional and scientific works according to the lecturer's choice and teaching materials available on the faculty's LMS
- LaDou J, Harrison RJ. eds. CURRENT Diagnosis & Treatment: Occupational & Environmental Medicine, 6e. McGraw Hill; 2021.
- Brukner P, Khan K. eds. Brukner & Khan's Clinical Sports Medicine. McGraw Hill; 2019.
- Mustajbegović J, Milošević M., Brborović H: Medicina rada i sporta. Medicinska naklada, Zagreb, 2018.