Al-Farabi Kazakh National University Faculty Medicine and Health Care Education program on specialty: «8D101 Medicine»

GUIDELINE ON SELF-INDEPENDENT STUDY OF PhD STUDENTS ON COURSE "MODERN EPIDEMIOLOGIC METHODS IN MEDICINE"

3 credits

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SCHEDULE OF PERFORMANCE AND METHODICAL INSTRUCTIONS FOR ORGANIZING

SELF INDEPENDENT WORK OF PhD STUDENTS ON DISCIPLINE «MODERN

EPIDEMIOLOGIC METHODS IN MEDICINE»

1. SCHEDULE OF PERFORMANCE AND DEFENSE OF PhD INDEPENDENT WORK

Week/Date	Task	Methodical recommendations and content of task	Required and recommended Reading
Module I. In	troduction to modern e	pidemiologic studies.	
	nalytical studies		
	Experimental studies	·	
3/20.09.19	PhD SIW 1. Essay and overview of articles on Observational studies.	To perform SIW, you need to choose a topic, familiarize yourself with the recommended thematic literature, conduct a search on web sites and use knowledge, logical thinking, brevity, scientific style and professional language for writing work.	 Aschengrau A., Essentials of Epidemiology in Public Health, 3rd Edition, 2008 Recommended reading: Gordis: Epidemiology, 5th Edition, Saunders 2013 Rothman K., Modern Epidemiology, 3rd Edition, 2008 Pickles A. Epidemiological Methods in Life Course Research, 1st Edition, 2007 Webb P and Bain C. Essential Epidemiology: An introduction for Students and Health Professionals. Second Edition. Cambridge University Press. 2011. Wolfgang, A. Handbook of Epidemiology. Vol.1//Ahrens Wolfgang, Peugeot Iris 2 ed Springer Reference, 2014 469 p. Principles and methods of Epidemiology. 3-d Edition. R. Dicker Ooffice of epidemiologic program CДС, USAID2012457 P. Principles of Epidemiology in Public Health Practice. Third Edition. An introduction to Epidemiology and Biostatics.US, CDC, Atlanta 20126-75 p.

Analytical studies in Medicine the re thema condu- sites a logica scient profes	 Medicine, Little, Brown Kelsey, J., W Evans, A. & (1996). Observational Second Edition Oxford Universite Electronic source: www.who.org www.cdc.gov www.medline www.cockrain www.PubMed Choose a topic, rize yourself with ommended ic literature, t a search on web di use knowledge, thinking, brevity, ic style and ional language for work Recommende Gordis: Epide Edition, Saund Rothman K., 1 Epidemiology 2008 Pickles A. Ep Methods in Li Research, 1st Webb P and E Epidemiology introduction f Health Profes Edition. Caml University Pro Wolfgang, A. Epidemiology Wolfgang, Pe ed Springer 2014 469 p. Principles and Epidemiologic USAID2011 Principles of J 	idemiology in Boston/Toronto: and Company. Whittemore, A., Thompson, D. Methods in Epidemiology, on, New York: rsity Press. <u>e. library</u> <u>1</u> , Essentials of in Public dition, 2008 d reading: miology, 5th ders 2013 Modern r, 3rd Edition, idemiological ife Course Edition, 2007 Bain C. Essential r: An or Students and sionals. Second oridge ess. 2011. Handbook of r. Vol. 1//Ahrens ugeot Iris 2 Reference, I methods of r. 3-d Edition. R. e of program CДC, 2457 P. Epidemiology in Practice. Third
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9/01.11.19	PhD SIW 3. Exposure or outcome in epidemiologic studies.	To perform SIW, you need to choose a topic, familiarize yourself with the recommended thematic literature, conduct a search on web sites and use knowledge, logical thinking, brevity, scientific style and professional language for writing work	 Biostatics.US, CDC, Atlanta. -20126-75 p. Hennekens, C., & Buring, J. (1987). Epidemiology in Medicine, Boston/Toronto: Little, Brown and Company. Kelsey, J., Whittemore, A., Evans, A. & Thompson, D. (1996). Methods in Observational Epidemiology, Second Edition, New York: Oxford University Press. Electronic source: www.who.org www.edc.gov www.nedline www.cockraine.library www.PubMed Aschengrau A., Essentials of Epidemiology in Public Health, 3rd Edition, 2008 Recommended reading: Gordis: Epidemiology, 5th Edition, Saunders 2013 Rothman K., Modern Epidemiology in C. Essential Pickles A. Epidemiological Methods in Life Course Research, 1st Edition, 20 Webb P and Bain C. Essential Epidemiology: An introduction for Students and Health Professionals. Second Edition. Cambridge University Press. 2011. Wolfgang, A. Handbook of Epidemiology. 3-d Edition, R. Dicker Ooffice of epidemiologic program CДC, USAID2012457 P. Principles of Epidemiology in Public Health Practice. Third Edition. An introduction to Epidemiology and Biostatics.US, CDC, Atlanta20126-75 p. Hennekens, C., & Buring, J.
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12/22.11.19	PhD SIW 4. Clinical Trial 1.	To perform SIW, you need to choose a topic, familiarize yourself with the recommended thematic literature, conduct a search on web sites and use knowledge, logical thinking, brevity, scientific style and professional language for writing work	 Boston/Toronto: Little, Brown and Company. 10. Kelsey, J., Whittemore, A., Evans, A. & Thompson, D. (1996). Methods in Observational Epidemiology, Second Edition, New York: Oxford University Press. Electronic source: 11. www.who.org 12. www.cdc.gov 13. www.medline 14. www.cockraine.library 15. www.PubMed 1. Aschengrau A., Essentials of Epidemiology in Public Health, 3rd Edition, 2008 2. Recommended reading: 3. Gordis: Epidemiology, 5th Edition, Saunders 2013 4. Rothman K., Modern Epidemiology, 3rd Edition, 2008 5. Pickles A. Epidemiological Methods in Life Course Research, 1st Edition, 20 6. Webb P and Bain C. Essential Epidemiology: An introduction for Students and Health Professionals. Second Edition. Cambridge University Press. 2011. 7. Wolfgang, A. Handbook of Epidemiology. Vol.1//Ahrens Wolfgang, Peugeot Iris 2 ed Springer Reference, 2014 469 p. 8. Hennekens, C., & Buring, J. (1987). Epidemiology in Medicine, Boston/Toronto: Little, Brown and Company. 9. Guidelines for phase 1 clinical trials, 2012 Electronic source: 10. 11. www.who.org 11. 12. www.cdc.gov
			10. 11. www.who.org

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14/06.12.19	PhD SIW. Clinical Trial 2.	To perform SIW, you need to choose a topic, familiarize yourself with the recommended thematic literature, conduct a search on web sites and use knowledge, logical thinking, brevity, scientific style and professional language for writing work	 Required Reading Aschengrau A., Essentials of Epidemiology in Public Health, 3rd Edition, 2008 Recommended reading: Gordis: Epidemiology, 5th Edition, Saunders 2013 Rothman K., Modern Epidemiology, 3rd Edition, 2008 Pickles A. Epidemiological Methods in Life Course Research, 1st Edition, 20 Webb P and Bain C. Essential Epidemiology: An introduction for Students and Health Professionals. Second Edition. Cambridge University Press. 2011. Wolfgang, A. Handbook of Epidemiology. Vol.1//Ahrens Wolfgang, Peugeot Iris 2 ed Springer Reference, 2014 469 p. Hennekens, C., & Buring, J. (1987). Epidemiology in Medicine, Boston/Toronto: Little, Brown and Company Electronic source: 10. 11. www.who.org 11. 12. www.cdc.gov 12. www.medline
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