



Bibliography

- research assistant, temporary position -

Functional Explorations Laboratory – Advanced Center for Medical and Pharmaceutical Research

Written test

1. BRAUNWALD'S Heart Disease: A Textbook of Cardiovascular Medicine. Vol. I, ediția a 8-a. Editori: Peter Libby, Robert O. Bonow, Douglas L. Mann, etc. Editura Elsevier Saunders, Philadelphia, 2008, ISBN 1416041078.
2. Harrison's Cardiovascular Medicine. Editor LOSCALZO, Joseph. Editura McGraw-Hill Medical, New York, 2010. ISBN 9780071702911.
3. Esențialul în ecocardiografie. Editori: Carmen Ginghină, Bogdan A. Popescu, Ruxandra Jurcuț. Editura Medicala Antaeus, Bucuresti, 2005. ISBN 9789738746305.
4. A Practical Guide to the Interpretation of Cardiopulmonary Exercise Tests. Editori: William Kinnear, John Blakey. Editura University Press, Oxford, 2014. ISBN 9780198702467.
5. Electrophysiological Maneuvers for Arrhythmia Analysis. Editor George J. Klein. Editura Cardiotext Publishing, Minneapolis, 2014. ISBN 9780198702467.
6. Compendiu de electrocardiografie clinică. Ediția a II-a. Editor Eugen D. Popescu. ISBN 9789735712815.
7. Electrocardiograma Holter. Manual de interpretare electrocardiografică. Editori: Jan Adamec, Richard Adamec. Editura Sylvi, Bucuresti, 2002. ISBN 9789738258761.
8. Ghid practic de tehnici spirometrice și ECG. Editori: Tiberiu Nedeloiu, Alina Bisoc. Editura Universității "Transilvania", Brașov, 2009. ISBN 9789735986209.
9. Cardiologie Clinică. Editor Eduard Apetrei. Editura Medicală Callisto, 2015. ISBN 9786068043180.
10. Ecocardiografia Doppler. Editori: B. A. Popescu, C. Ginghină. Editura Medicală, 2011.

Topics

1. Structure and function of the heart
2. Adaptation to exercise of the cardiovascular system
3. Genetics and cardiovascular diseases
4. Evaluation of the ventricular function
5. Arrhythmias
6. Conduction disturbances, cardiac stimulation
7. Sudden cardiac death
8. Syncope. Arterial hypotension.
9. Exercise stress testing



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10. Transthoracic and transesophageal echocardiography
 11. Vascular echography
 12. Cardio-pulmonary resuscitation

Oral / practical test

1. Standard and complex ECG – T wave alternans, signal-averaged ECG
2. Holter analysis – heart rate variability, arrhythmic burden, QT and ST variability
3. Telemetry ECG, hemodynamic, and pulse oximetry monitoring
4. Rest and exercise transthoracic echocardiography
5. Vascular echography
6. Cardio-pulmonary stress test
7. Tilt test for syncope evaluation

Interview