

Topics of Diploma Works
Heart Center – Department of Cardiology
2008/09

1. Evaluation of the mechanisms and non-pharmacological treatment of arrhythmias. (Dr. Merkely Béla DSc)
2. Resynchronization treatment of Chronic Heart Failure. (Dr. Merkely Béla DSc)
3. New indications of cardiac MRI. (Dr. Merkely Béla DSc, Dr. Vágó Hajnalka PhD)
4. Sudden cardiac death and sport. (Dr. Merkely Béla DSc, Dr. Bárczi György)
5. Detection of vulnerable atherosclerotic plaque in coronary arteries. (Dr. Merkely Béla DSc)
6. The role of Doppler echocardiography in resynchronization therapy. (Dr. Merkely Béla DSc, Dr. Kutyifa Valentina)
7. Recent treatment of Acute Coronary Syndromes. (Dr. Becker Dávid)
8. Factors that influence the mortality of patients treated with Acute Coronary Syndromes. (Dr. Becker Dávid)
9. Etiology of restenosis and reocclusion after coronary interventions. (Dr. Becker Dávid)
10. Treatment of arrhythmias with catheter ablation: new indications, new methods. (Dr. Gellér László PhD)
11. New methods for the improvement of the efficacy of resynchronization therapy. (Dr. Gellér László PhD)
12. Patomechanism and treatment of Acute Kidney Injury aggravating Acute Coronary Syndrome and Heart Failure. (Dr. Zima Endre PhD)
13. Prevention and Treatment of Contrast Media Induced Nephropathy during Percutaneous Coronary Intervention. (Dr. Zima Endre PhD, Dr. Molnár Levente)
14. Patomechanism and intensive Treatment of Acute Heart Failure. (Dr. Zima Endre PhD)
15. Patomechanism, Diagnosis and Treatment of Cardiogenic Shock. (Dr. Zima Endre PhD)
16. Invasive monitoring methods in Acute Heart Failure in the Coronary Care Unit. (Dr. Zima Endre PhD)
17. Investigation of Telecardiology monitoring options in the management of pacemaker/ICD patients. (Dr. Zima Endre PhD)
18. Patomechanism and treatment of Acute Liver Failure aggravating Acute Coronary Syndrome and Heart Failure. (Dr. Zima Endre PhD)
19. Role of genetic investigations in cardiology. (Dr. Szélid Zsolt PhD)
20. Prognosis of myocardial ischaemia and myocardial infarction on a genetic basis. (Dr. Szélid Zsolt PhD)
21. Endovascular treatment of aorta aneurysms. (Dr. Hüttl Kálmán PhD)
22. Interventional treatment of critical lower limb ischaemia. (Dr. Nemes Balázs)
23. Evaluation and treatment of renal artery stenosis. (Dr. Hüttl Kálmán PhD)

24. Magnitude of interventional treatment of lower limb diabetic angiopathy.
(Dr. Nemes Balázs)
25. Indications and new technical approaches of the endovascular treatment of carotid internal and vertebral artery. (Dr. Nemes Balázs)
26. Treatment of vessel malformations. (Dr. Hüttl Kálmán PhD)
27. Endovascular treatment of vessel injuries. (Dr. Hüttl Kálmán PhD)
28. Role of CT and MR angiography in the evaluation of vessel abnormalities.
(Dr. Balázs György)
29. Stent implantation in Vena Cava Superior Syndrome. (Dr. Nemes Balázs)
30. Non-invasive evaluation of the vascular system. (Dr. Balázs György)
31. Silent myocardium ischaemia. (Dr. György Margit)