

## Diploma theses

### Department of Heart Surgery

#### List of theses for academic year AY 2019/2020

| Diploma theses                           |      |          |  |                  |           |
|--|------|----------|--|------------------|-----------|
| Topic                                    | Type | Language | Supervisor   | Student          | St. prog. |
| Ochorenie hrudnej aorty                  | DR   | SK       | doc. MUDr. František Sabol, PhD., MPH, MBA, mim. prof. | Pavol Kochan     | VL        |
| Ochorenie aorty z pohľadu kardiochirurga | DR   | SK       | doc. MUDr. František Sabol, PhD., MPH, MBA, mim. prof. | Anton Štancel    | VL        |
| Vrodené vývojové chyby aortálneho oblúka | DR   | SK       | MUDr. Tomášš Toporcer, PhD.                            | Alžbeta Čiešková | VL        |

#### List of theses for academic year AY 2018/2019

| Diploma theses   |      |          |  |                   |           |
|--|------|----------|--|-------------------|-----------|
| Topic  | Type | Language | Supervisor   | Student           | St. prog. |
| Mechanické podpory srdca   | DR   | SK       | doc. MUDr. František Sabol, PhD., MPH, MBA, mim. prof. | Barbara Čolláková | VL        |
| Terapia aortálnej stenózy pri malom priemere aortálneho prstenca                               | DR   | SK       | MUDr. Tomáš Toporcer, PhD.                             | Anna Čekanová     | VL        |
| Pooperačná fibrilácia predsiení a jej vplyv na dlhodobé prežívanie pacientov po operácii srdca | DR   | SK       | MUDr. Tomášš Toporcer, PhD.                            | Zuzana Jenčíková  | VL        |
| Mechanical complications after Myocardial Infarction   | DR   | EN       | MUDr. Adrián Kolesár, PhD., MPH                        | Lucia Matejka     | GM        |

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|--|------|----------|--|---------------------------|-----------|
| Topic  | Type | Language | Supervisor                                 | Student                   | St. prog. |
| Infective endocarditis – still actual topic                  | DR   | EN       | doc. MUDr. František Sabol, PhD., MPH, MBA | Magdalena Natalia Lewicka | GM        |
| Diseases of the aorta from cardiosurgical point of view      | DR   | EN       | doc. MUDr. František Sabol, PhD., MPH, MBA | Michal Boiski             | GM        |
| Aktuálny pohľad na indikácie operácie trikuspidálnej chlopne | DR   | SK       | MUDr. Tomáš Toporcer, PhD.                 | Tamara Mátyášová          | VL        |

#### List of theses for academic year AY 2017/2018

| Dissertations - PhD theses   |      |          |  |                       |           |
|--|------|----------|--|-----------------------|-----------|
| Topic  | Type | Language | Supervisor                                 | Student               | St. prog. |
| Vplyv glykovaného hemoglobínu na výskyt pooperačných komplikácií v kardiochirurgii | DZP  | SK       | doc. MUDr. František Sabol, PhD., MPH, MBA | MUDr. Miroslav Gejguš |           |
| Vplyv kreatínfosfátu na pooperačný priebeh u pacienta po kardiochirurgickom výkone | DZP  | SK       | doc. MUDr. František Sabol, PhD., MPH, MBA | MUDr. Martin Sivčo    |           |

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### Department of Heart Surgery

#### List of theses for academic year AY 2016/2017

| <b>Dissertations - PhD theses</b>              |             |                 |  |                      |                  |
|--|-------------|-----------------|--|----------------------|------------------|
| <b>Topic</b>                                   | <b>Type</b> | <b>Language</b> | <b>Supervisor</b>                          | <b>Student</b>       | <b>St. prog.</b> |
| Možnosti ovplyvnenia hojenia infarktu myokardu | DZP         | SK              | doc. MUDr. František Sabol, PhD., MPH, MBA | MUDr. Martin Ledecký |                  |

| <b>Diploma theses</b>                 |             |                 |  |                      |                  |
|---------------------------------------|-------------|-----------------|--|----------------------|------------------|
| <b>Topic</b>                          | <b>Type</b> | <b>Language</b> | <b>Supervisor</b>                          | <b>Student</b>       | <b>St. prog.</b> |
| Mitral valve repair versus replacment | DR          | EN              | doc. MUDr. František Sabol, PhD., MPH, MBA | Noa Perk             | GM               |
| Heart Transplantation                 | DR          | EN              | MUDr. Adrián Kolesár, PhD., MPH            | Karolina Anna Konsek | GM               |

## Diploma theses

*Department of Heart Surgery*

### List of theses for academic year AY **2015/2016**

| <b>Diploma theses</b>  |             |                 |  |                            |                  |
|--|-------------|-----------------|--|----------------------------|------------------|
| <b>Topic</b>   | <b>Type</b> | <b>Language</b> | <b>Supervisor</b>                          | <b>Student</b>             | <b>St. prog.</b> |
| Hybridné postupy v srdcovej chirurgii                            | DR          | SK              | doc. MUDr. František Sabol, PhD., MPH, MBA | Martina Stieranková        | VL               |
| Alternatives to Heart Transplantation                            | DR          | EN              | doc. MUDr. František Sabol, PhD., MPH, MBA | Netanel (Bogdan) Kovalenko | GM               |
| Náhrada aortálnej chlopne  | DR          | SK              | MUDr. Adrián Kolesár, PhD, MPH             | Natália Pavelková          | VL               |
| Chirurgické prístupy v srdcovej chirurgii                        | DR          | SK              | MUDr. Tomáš Toporcer, PhD.                 | Katarína Semričová         | VL               |
| The effect of DM in the treatment of the coronary artery disease | DR          | EN              | MUDr. Tomáš Toporcer, PhD.                 | Andreas Thetokas           | GM               |

## Diploma theses

### Department of Heart Surgery

#### List of theses for academic year AY 2014/2015

| <b>Dissertations - PhD theses</b>  |             |                 |   |                         |                  |
|--|-------------|-----------------|---|-------------------------|------------------|
| <b>Topic</b>   | <b>Type</b> | <b>Language</b> | <b>Supervisor</b>                           | <b>Student</b>          | <b>St. prog.</b> |
| Vplyv stabilizácie aortálneho prstenca pri remodelácii koreňa aorty na stredne dlhodobé a dlhodobé výsledky operácie | DZP         | SK              | doc. MUDr. František, Sabol, PhD., MPH, MBA | MUDr. Štefánia Mižáková |                  |

| <b>Diploma theses</b>                          |             |                 |  |                                   |                  |
|--|-------------|-----------------|--|-----------------------------------|------------------|
| <b>Topic</b>                                   | <b>Type</b> | <b>Language</b> | <b>Supervisor</b>                          | <b>Student</b>                    | <b>St. prog.</b> |
| Postoperative complications in cardiac surgery | DR          | EN              | doc. MUDr. František Sabol, PhD., MPH, MBA | Stylios Panagiotis Papadantonakis | GM               |

#### List of theses for academic year AY 2013/2014

| <b>Diploma theses</b>                                      |             |                 |  |                |                  |
|--|-------------|-----------------|--|----------------|------------------|
| <b>Topic</b>   | <b>Type</b> | <b>Language</b> | <b>Supervisor</b>                          | <b>Student</b> | <b>St. prog.</b> |
| TAVR vs SAVR   | DR          | EN              | doc. MUDr. František Sabol, PhD., MPH, MBA | Elli Dimadi    | GM               |
| Stem cells in the treatment of the ischemic cardiomyopathy | DR          | EN              | MUDr. Panagiotis Artemiou, PhD.            | Sofia Zantza   | GM               |

## Diploma theses

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List of theses for academic year AY **2012/2013**

| <b>Diploma theses</b>  |             |                 |                                 |                     |                  |
|--|-------------|-----------------|---------------------------------|---------------------|------------------|
| <b>Topic</b>   | <b>Type</b> | <b>Language</b> | <b>Supervisor</b>               | <b>Student</b>      | <b>St. prog.</b> |
| Modulačný účinok laserového žiarenia infračerveného lasera (810 nm) na hojenie kožných rán u diabetických potkanov | DR          | SK              | RNDr. Peter Gál, PhD.           | Katarína Jakubčová  | VL               |
| Cardiac CT in cardiac surgery  | DR          | EN              | MUDr. Panagiotis Artemiou, PhD. | Pavlos Ampatzis     | GM               |
| The role of PCI in acute myocardial infarction   | DR          | EN              | MUDr. Artemiou Panagiotis, PhD. | Dimitrios Ntallanis | GM               |