



Şcoala Doctorală Interdisciplinară
(SDI)

Domeniul de doctorat: **Medicină**

Conducător doctorat: **Prof.univ.dr.Aurel
Mironescu**

TEME (TEMATICĂ) PENTRU CONCURS

TEMA 1: Terapia durerii la pacienţii chirurgicali (adulti şi copii) titlu prezumtiv

Conţinut / Principalele aspecte abordate -

- Evaluarea stadiului la care se află diferitele metode pentru terapia durerii, la nivel naţional şi internaţional.
- Evaluarea categoriilor de pacienţi cu afecţiuni chirurgicale, pe categorii de vârstă, sex, patologii, tipuri de intervenţii chirurgicale, etc.
- realizarea unor algoritmi specifici pe baza analizelor retro-şi prospective, la pacienţii din spitalele locale, cu studii statistice si demografice moderne.

Bibliografie recomandată:

1. M.Yaster et al. Pediatric pain management and sedation handbook. Mosby 1997
2. T.Horeczko. Pediatric Pain. In Pediatric Emergency Play Book. 2017
3. M.Vittinghoff et al. Postoperative pain management in children: Guidance from the pain committee of the European Society for Paediatric Anaesthesiology (ESPA Pain Management Ladder Initiative). Wiley.Pediatric Anesthesia. 2018

Note /Precondiții / Obs: *se va adapta /completa/elimina, după caz*

TEMA 2: Aplicații și direcții de dezvoltare pentru aplicarea tehnicilor de chirurgie minim invazivă în chirurgia la copii și adolescenți.

Conţinut / Principalele aspecte abordate -

- Aplicații ale tehnicilor de laparoscopie
- Aplicații ale tehnicilor de toracoscopie
- Aplicații ale tehnicilor de artroscopie
- Evaluarea particularităților de anestezie și terapie intensivă postoperatorie la acești pacienți.

Bibliografie recomandată:

1. N.J.Soper et al. Mastery of Endoscopic and Laparoscopic Surgery: Indications and Techniques, 3rd Edition, 2009 Lippincott Williams & Wilkins
2. Amulya K. Saxena · Michael E. Höllwarth (Eds.). Essentials of Pediatric Endoscopic Surgery. Springer Verlag 2009

Conducător doctorat:

Prof.univ.dr.Aurel Mironescu

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Transilvania
University
of Brasov

ADMISSION TO DOCTORAL STUDIES

2020-2021

Session September 2020

**Interdisciplinary Doctoral School
(SDI)**

Field of doctoral studies:

xxx

PhD supervisor:

yyy

TOPICS FOR THE ADMISSION TO DOCTORAL STUDIES

TOPIC 1: Pain Therapy for Surgical Patients (Adults and Pediatric)

Content / Main aspects to be considered

- Evaluation of the present stage for the pain management methods, national and international level.
- Evaluation of the surgical patients categories, by age groups, sex, pathological conditions and types of surgical procedures, etc.
- Designing specific algorithms, based on retrospective and prospective analysis, on patients from local hospitals, developing up to date statistic and demographic parameters.

Recommended bibliografy:

1. M.Yaster et al. Pediatric pain management and sedation handbook. Mosby 1997
2. T.Horeczko. Pediatric Pain. In Pediatric Emergency Play Book. 2017
3. M.Vittinghoff et al. Postoperative pain management in children: Guidance from the pain committee of the European Society for Paediatric Anaesthesiology (ESPA Pain Management Ladder Initiative). Wiley.Pediatric Anesthesia. 2018

Prerequisites / Remarks: *se va adapta /completa/elimina, după caz*

TOPIC 2: Applications and developing directions for the application of the minimal invasive surgical procedures for children and adolescents.

Content / Main aspects to be considered

- Applications of Laparoscopy
- Applications of Thoracoscopy
- Applications of Arthroscopy
- Evaluation of the special aspects concerning the anesthesia and intensive therapy following the application of these procedures.

Recommended bibliografy:

1. N.J.Soper et al. Mastery of Endoscopic and Laparoscopic Surgery: Indications and Techniques, 3rd Edition, 2009 Lippincott Williams & Wilkins
2. Amulya K. Saxena · Michael E. Höllwarth (Eds.). Essentials of Pediatric Endoscopic Surgery. Springer Verlag 2009
3. Jean-Louis Dulucq. Tips and Techniques in Laparoscopic Surgery. Springer Verlag 2005

Prerequisites / Remarks: *se va adapta /completa/elimina, după caz*

PhD supervisor: Prof.univ.dr.Aurel Mironescu

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