

# Dr. Cătălin- Alexandru Pîrvu, MD, PhD

Specialist in General Surgery | Assistant Professor (Şef lucrări)

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## ACADEMIC PROFILE

General surgeon with academic and clinical experience in emergency and hepatobiliary surgery, actively involved in teaching and research. Interests include minimally invasive and robotic surgery, surgical oncology, and perioperative care improvement. Experienced in multidisciplinary collaboration and development of modern surgical programs within tertiary academic hospitals.

## CURRENT ACADEMIC AND CLINICAL APPOINTMENTS

### **03/2025 – Present — Şef lucrări (Assistant Professor), Discipline of Surgical Emergencies**

University of Medicine and Pharmacy “Victor Babeş”, Timișoara, Romania

- Undergraduate medical teaching and clinical training of students.

### **05/2022 – Present — Specialist in General Surgery, IIIrd Surgery Clinic**

Pius Brînzeu County Emergency Clinical Hospital, Timișoara, Romania

- Clinical consultations, surgical procedures, and postoperative patient management.

### **05/2023 – Present — Coordinator, Sterilization Unit**

Pius Brînzeu County Emergency Clinical Hospital, Timișoara, Romania

- Service management and quality assurance in sterilization processes.

## PREVIOUS POSITIONS

### **10/2016 – 03/2025 — Assistant Professor, Discipline of Surgical Emergencies**

University of Medicine and Pharmacy “Victor Babeş”, Timișoara, Romania

- Teaching and practical training for medical students.

### **01/2016 – 12/2021 — Resident in General Surgery**

Pius Brînzeu County Emergency Clinical Hospital, Timișoara, Romania

- Postgraduate surgical training according to national residency curriculum.

## **EDUCATION AND ACADEMIC DEGREES**

### **2015 – 2021 — PhD in Medical Sciences**

University of Medicine and Pharmacy Craiova

### **2009 – 2015 — MD (Doctor-Medic)**

University of Medicine and Pharmacy “Victor Babeș”, Faculty of Medicine, Timișoara

### **2004 – 2009 — High School Diploma (Mathematics–Informatics)**

Industrial High School Moldova Nouă

## **PROFESSIONAL QUALIFICATIONS AND CERTIFICATIONS**

- Competence in Oncologic Surgery — University of Medicine Carol Davila Bucharest, Romanian Ministry of Health (2024).

## **PROFESSIONAL MEMBERSHIPS**

- Romanian College of Physicians
- Romanian Society of Surgery
- Romanian Association of Hepato- Bilio- Pancreatic Surgery and Liver Transplantation
- Romanian Association of Endoscopic Surgery
- European Association for Endoscopic Surgery (EAES)
- Romanian Society of Emergency Surgery and Trauma
- European Society of Trauma and Emergency Surgery (ESTES)

## **RESEARCH OUTPUT**

Peer-reviewed publications: 16 (selected representative publications listed below).

## **SELECTED PUBLICATIONS (10)**

1. Pirvu C, Pantea S, Popescu A, et al. Difficulties in Diagnosing Extraperitoneal Ureteroinguinal Hernias: Diagnostics. 2022;12:353.
2. Pirvu AC, Balasan C, Fogarassy A, et al. Complicated Breast Cancer – Case Report. Proceedings of the 4th Congress of the Romanian Society for Minimal Invasive Surgery in Gynecology. 2019.
3. Popescu A, Lazar F, Petre I, Pirvu C, et al. Open vs Laparoscopic vs Robot- Assisted Radical Hysterectomy. 2019.
4. Pîrvu CA, Nica C, Dragoş M, et al. Attempting to Increase the Clinical Diagnostic Rate of Acute Intestinal Ischemia Using Machine Learning Algorithms. Journal of Surgical Sciences. 2021.
5. Pirvu CA, Bratosin F, Nica C, et al. Utility of Biomarkers in Acute Mesenteric Ischemia. Journal of Surgery. 2021.
6. Popescu A, Craina M, Pantea S, Pirvu C, et al. COVID- 19 pandemic effects on cervical cancer diagnosis and management. Diagnostics. 2022.
7. Paduraru AA, Lupu MA, Sima L, et al. Cystic Echinococcosis in Hospitalized Adult Patients from Western Romania. Microorganisms. 2023.
8. Pop GN, Manole F, Buleu F, et al. Advancements in Obesity and Diabetes Mellitus Management. Applied Sciences. 2024.
9. Popoiu TA, Pîrvu CA, Popoiu CM, et al. Gastrointestinal Stromal Tumors in Pediatric Patients. Children. 2024.
10. Talpai T, Faur FI, Pîrvu CA, et al. Incidence and Risk Factors for Incisional Hernia Following Ileostomy Takedown. Journal of Clinical Medicine. 2025.

## **SELECTED CONFERENCE PRESENTATIONS**

- National Congress of Surgery, Sinaia (2016) — Retroperitoneal hematoma in anticoagulated renal transplant patient.
- National Congress of Surgery, Sinaia (2018) — Entero- mesenteric infarction: diagnostic and prognostic score proposal.
- National Congress of Surgery (2020) — Multiple presentations in hepatobiliary and emergency surgery.
- National Conference of Surgery (2021) — Continuing experience in hepatic surgery.

## **POSTGRADUATE AND ADVANCED SURGICAL TRAINING**

- Training stage in Hepato- Bilio- Pancreatic Surgery, Fundeni Clinical Institute, Bucharest (2017).

- Course and Workshop in Laparoscopic Liver Resection, EFISDS, Cluj (2018).
- Sentinel Lymph Node Surgical Biopsy Workshop, Ponderas Academic Hospital (2019).
- Laser Treatment in Surgical Specialities Workshop, Tel Aviv, Israel (2019).
- Hepatic Resection Workshop, Fundeni Clinical Institute (2019).
- Intraoperative Hepatic Ultrasound Workshop, Fundeni Clinical Institute (2017).

## **LANGUAGES**

Romanian (native); English (C2); French (A2); Serbian (B1–B2).

## **ADDITIONAL SKILLS**

- Strong communication and teamwork abilities.
- Advanced user of medical imaging reconstruction software, Microsoft Office, and Adobe applications.
- Driving license: categories A, B.