

Dr. Dana-Roxana Boanță

General Surgery Specialist — Neck Endocrine Surgery (FEBS/EBSQ)

WORK EXPERIENCE

2018 – present	General Surgery Specialist (full time) <i>National Institute of Endocrinology „C.I. Parhon”, Endocrine Surgery Department, Bucharest</i>
2019 – present	General Surgery Specialist (part time) <i>Private hospitals, Bucharest: Sanador, Regina Maria (Euroclinic), Royal Hospital, Provita, MHospital, Medas Victoria</i>
2016 – 2018	Resident Physician, General Surgery <i>National Institute of Endocrinology „C.I. Parhon”, Endocrine Surgery Department, Bucharest</i>
2011 – 2016	Resident Physician, General Surgery <i>„Dr. Ion Cantacuzino” Clinical Hospital, „Dr. I. Juvara” Surgical Department, Bucharest</i>

DOCTORAL RESEARCH

2020 – 2026	PhD candidate in Medical Sciences (General Surgery) Thesis: <i>“The value of indocyanine green (ICG) staining in thyroid and parathyroid surgery”</i> <i>Supervisor: Prof. Dr. Iulian Brezean — „Carol Davila” University of Medicine and Pharmacy, Bucharest</i> Research completed; thesis finalized in 2026, pending public defense.
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EDUCATION & PROFESSIONAL QUALIFICATIONS

2021	Fellow of the European Board of Surgery (FEBS) — Neck Endocrine Surgery <i>European Board of Surgery Qualification (EBSQ), Neck Endocrine Surgery Examination Board</i>
2017	Specialist Certification in General Surgery <i>Ministry of Health, Bucharest</i>
2010	Doctor of Medicine (MD) <i>Faculty of General Medicine, „Carol Davila” University of Medicine and Pharmacy, Bucharest</i>
2009 – 2010	Master’s Degree in Criminal Sciences <i>Law School, „Nicolae Titulescu” University, Bucharest</i>
2009	Bachelor of Laws (LLB) <i>Law School, „Nicolae Titulescu” University, Bucharest</i>

SPECIALTY TRAINING & CERTIFICATIONS (SELECTED)

- IRCAD, Strasbourg — International Workshop on Robotic and Endoscopic Thyroidectomy and Parathyroidectomy (2021); Advanced Course in Minimally-Invasive Endocrine Surgery (2014). Course Director: Prof. Dr. Jacques Marescaux.
- Course and hands-on workshop on ICG-guided surgery (2020), Ponderas Academic Hospital, Bucharest.

- General Ultrasonography, levels I–II (2019) and Intraoperative Ultrasound workshop (2019).
- Certifications in Oncological Surgery and in Management of Health Services (2020), Ministry of Health.

LANGUAGES

Mother tongue: Romanian

English — C2 (understanding), C1 (speaking and writing)

French — C1 (understanding), B1 (speaking and writing)

PUBLICATIONS (SELECTED)

Articles derived from the doctoral thesis (first author):

- Boanță DR, Mișcă M, Sabaru IM, Grigorean VT, Strâmbu VDE, Brezean I. Value of the indocyanine green fluorescence score in predicting postoperative hypoparathyroidism in thyroid surgery — a prospective observational study. *Acta Endocrinologica (Bucharest)*. 2026 (Manuscript ID 4438-AEB-05-2026; accepted for publication, vol. 21, no. 2).
- Boanță DR, Mișcă M, Grigorean VT, Strâmbu VDE, Brezean I. Intraoperative indocyanine green fluorescence imaging in thyroid surgery: technical protocol, evaluation window and interpretation pitfalls — single-centre experience in a prospective series of 42 cases. *Chirurgia (Bucharest)*. 2026 (submitted, under editorial review).
- Boanță DR, Mișcă M, Grigorean VT, Strâmbu VDE, Brezean I. Indocyanine green fluorescence imaging in parathyroid surgery for primary hyperparathyroidism — a validated intraoperative tool in cases of uncertain, discordant, or atypical preoperative localization: literature review and case series of 5 patients. *Chirurgia (Bucharest)*. 2026 (submitted, under editorial review).

Earlier peer-reviewed / indexed articles (co-author):

- Pătrașcu T, Doran H, Bugă C, Mihalache O, Bobircă F, Costache A, Boanță R. The management of postoperative pancreatic fistulas. *Chirurgia (Bucharest)*. 2011;106(6):737–741 (ISI).
- Ghemigian A, Petrova E, Dumitru N, et al., Boanță R, et al. Role of ultrasonography in primary hyperparathyroidism. *Current Health Sciences Journal*. 2014;40(Suppl 5):21–27 (BDI).
- Ghemigian A, Buruiană A, Olaru M, et al., Boanță R, et al. Parathyroid adenoma imaging — preoperative localization. *ARS Medica Tomitana*. 2015;21(3):116–123 (BDI, Index Copernicus).

Presentations at scientific congresses (first author):

- Boanță R, Cernov D, Vilcu M, Strâmbu V, Grigorean V, Brezean I. Shedding light: the role of indocyanine green (ICG) in parathyroid localization — our experience. Oral presentation, National Congress of Surgery (CNC), Sinaia, 12–15 June 2024.
- Boanță R, Cernov D, Vilcu M, Corneci C, Simion A, Moldoveanu G, Brezean I. Shedding light on a lost parathyroid gland — the role of indocyanine green (ICG) in parathyroid surgery: a case report. Poster, National Congress of Surgery (CNC), Sinaia, June 2024.
- Boanță R, Cernov D, Dragomir A, Dumitru A, Corneci C, Moldoveanu G, Terzea D, Brezean I. Navigating the uncharted: a rare encounter with sporadic parathyroid carcinoma in adolescence. Poster, National Congress of Surgery (CNC), Sinaia, June 2024.

Additional oral presentations and posters at national surgical and endocrinology congresses, 2011–2019.

CONFERENCES, CONGRESSES & COURSES (2022–2025)

2022

- 9th Biennial Congress of the European Society of Endocrine Surgeons (ESES), Athens, Greece (26-28 May 2022).
- National Congress of the Romanian Society of Endocrinology (SRE), Romania (19-22 June 2022).
- Stress Congress (5th edition), Bucharest, Romania (6-8 October 2022).
- SMART DIAB Conference — patient-centred diabetes management (6-7 October 2022).
- Congress of the Association of Clinical Endocrinology in Romania (AECR) (4-5 November 2022).

2023

- Congress of the Bucharest College of Physicians (CMMB), Bucharest, Romania (22-25 February 2023).
- Online congress “Dialogurile obezității” (Obesity Dialogues) (2 March 2023).
- Conference “Endocrinology from theory to practice”, Romania (3-4 March 2023).
- EDUSON ultrasound congress and course (10-11 March 2023).
- EDUSON MaraMedica ultrasound course (16-19 March 2023).
- Course “Diabetes mellitus in special categories of patients” (16 March 2023).
- National Conference on Genetics and Oncology (17 March 2023).
- Conference “Myths and truths about the safety of modern living” (23-24 March 2023).
- National Congress of Radiology, Iași, Romania (30-31 March 2023).
- Bistrița Medical Days, Bistrița, Romania (19-22 April 2023).
- RFA Supraspecialisation Course (radiofrequency ablation), Antalya, Turkey (15-16 May 2023).
- World Congress on Thyroid Cancer (WCTC), London, United Kingdom (14-17 June 2023).
- RFA Masterclass with Prof. R. Valcavi (radiofrequency ablation), Emilia-Romagna, Italy (27-28 July 2023).

2024

- 10th Biennial Congress of the European Society of Endocrine Surgeons (ESES), Rome, Italy (22-25 May 2024).
- National Congress of Surgery (CNC), Sinaia, Romania (12-15 June 2024).
- EDUSON ultrasound summer school (29-31 August 2024).
- 43rd Congress of the European Society of Surgical Oncology (ESSO), Antwerp, Belgium (2-4 October 2024).

2025

- EDUSON ultrasound course (11-12 April 2025).
- World Congress on Thyroid Cancer (WCTC), Boston, USA (9-12 July 2025).
- Congress of the Romanian Association for Endoscopic Surgery (ARCE), Eforie, Romania (24-27 September 2025).

Earlier participation (2011–2021): regular attendance at the congresses of the European Society of Endocrine Surgeons (ESES) and the ESES webinar series, BAETS scientific meetings, the AECR and SRE congresses, the National Surgery Congress (CNC) and the congresses of the „Carol Davila” University of Medicine and Pharmacy.

PROFESSIONAL MEMBERSHIPS

Bucharest College of Doctors (CMMB); Romanian Surgery Society (SRC); Romanian Society of Endocrinology (SRE); Romanian Association for Endoscopic Surgery (RAES); European Society of Surgical Oncology (ESSO); British Association of Endocrine and Thyroid Surgeons (BAETS); European Society of Endocrine Surgeons (ESES).