



**BURAK AYAN**

Anesthesiology and Reanimation Physician

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**PROFILE**

- **12-year experience as anesthesiologist (General Anesthesia-Intensive Care-Palliative Care)**
- **High adaptation and developed communication skills in teamwork**
- **humble and polite**
- **Polite and supportive for patients and colleagues under all circumstances**
- **Open to learning and decisive in terms of self-development**

*Foreign Language: English (IELTS C1), German (B2)*

*Skills: Microsoft Windows, Microsoft Office (Word, Excel, Powerpoint, Outlook), IOS, MacOS, Software and Hardware practices*

**EXPERIENCE**

**Research Fellow**

**2019-2020**

*University of Ottawa, Department of Innovation in Medical Education  
Ottawa, ON, Canada*

- Studies medical education and use of medical simulation in medicine; he completed the education successfully and he was given diploma.
- Active role in simulation trainings of anesthesiology residents.
- Designed simulation scenarios and played the trainer role in these scenarios
- Training on use of protective equipment and approach to a patient with COVID-19 diagnosis for doctors and medical students of university in COVID-19 epidemic.

<b>Neurosurgery Resident</b> <i>Neurosurgery Department, Uludağ University, Bursa, Türkiye</i>	<b>2008-2009</b>
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#### **Educational Details**

<b>Medical Practitioner</b> <i>School of Medicine, Istanbul Bilim, University, Istanbul, Türkiye</i>	2007
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<b>Anesthesiology and Reanimation Physician</b> <i>Department of Anesthesiology and Reanimation, Cerrahpaşa School of Medicine, Istanbul University, Istanbul, Türkiye</i>	2014
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<b>Health Organizations Business Diploma</b> <i>Anadolu University (Open Education)</i>	2017
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#### **Courses and Certificates:**

DIME Research Fellowship <i>University of Ottawa</i>	2020
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Foundational Elements In Applied Simulation Theory <i>University of Ottawa</i>	2020
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Healthcare Educators Scholars Program <i>University of Ottawa</i>	2020
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Basic Life Support Instructor Candidate A Certificate <i>European Resuscitation Council</i>	2017
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Basic Life Support Certificate, Instructor Potential <i>European Resuscitation Council</i>	2017
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Advanced Life Support Certificate, Instructor Potential <i>European Resuscitation Council</i>	2017
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Basic Science Anesthetic Course <i>European Society of Anesthesiology</i>	2016
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Palliative Care Course Turkish Union of Public Hospitals	2015
Anesthesia of Bariatric and Metabolic Surgery Patient in Preoperative, Perioperative and Postoperative Setting Course <i>International Federation for the Surgery of Obesity and Metabolic Disorders (IFSO)</i>	2013
Approach to Parenteral Nutrition <i>ESREN Diploma</i>	2010
Approach to Oral and Enteral Nutrition <i>ESREN Diploma</i>	2010
Advanced Life Support Certificate <i>European Resuscitation Council</i>	2009

### Professional Memberships

TTB – Turkish Medical Association  
TARD - Turkish Association of Anesthesiology and Reanimation  
TYD - Turkish Society of Intensive Care  
KEPAN - Association of Clinical Enteral & Parenteral Nutrition  
SES – Union of Public Employees in Health  
ESA - European Society of Anesthesiology  
ESRA - European Society of Regional Anesthesiology  
ERC - European Resuscitation Council  
ASRA - American Society of Regional Anesthesiology  
CPSO - College of Physicians and Surgeons of Canada

### PAPERS

1. Atypical Presentation of Multiple Foreign Body Ingestion

*Aydın E, Bent S, Ayan B*

APSP J Case Rep. 2017 Jan;5(1):7. Doi: 10.21699/ajcr.v8i1.525. eCollection 2017 Jan-Feb PMID:28164004

2. Maximizing Value in Opioid Utilization: is Oxycodone Immediate Release a Good Option for Pain Management (?)

*Pergolizzi JV, Köknel Talu G, Zmpona G, Erdine S, Taylor R, Ayan B, Raffa RB.*

Agri. 2015;27(1):1-11. doi:10.5505/agri.2015.79663. Review. PMID:25867868

3. The Effect of i-Gei Extrajotifc Airway Device During Percutaneous Dilatational Tracheostomy in ICU Patients

*Demirkıran O, Bozbay S, Ayan B.*

World Congress of Anesthesiology 2016, Hong Kong - Poster Presentation

**Scientific Project Investigator****2019-2020***University of Ottawa; Department of Rheumatology Ottawa, ON, Canada*

- Worked in a scientific project that investigated the differences in pain signaling mechanisms in patients with fibromyalgia and spondyloarthropathy. The project continues and it is funded 10.000 Canada Dollars by Canadian Rheumatology Ultrasound Society.

**Assistant Professor****2017-2019***Department of Anesthesiology, School of Medicine, Istanbul Bilim University, Istanbul, Türkiye*

- Doctor in charge of education and training in the department; active role in education of medical students.
  - Member of the kidney and liver transplant surgery team.
- A part of a team with a wide-spectrum case profile in terms of general anesthesia and regional anesthesia (Cardiovascular surgery, Thoracic surgery, Orthopedics, Neurosurgery, Gynecology and Obstetrics, ENT, Pediatric Surgery)

**Director of Palliative Care Unit and Algology Outpatient Clinic****2016-2017***Bahçelievler State Hospital, Istanbul, Turkey*

- Founder doctor and head of nineteen-bed palliative care unit and algology outpatient clinic.

**Anesthesiology and Reanimation Physician****2014-2016***Bahçelievler State Hospital, Istanbul, Turkey*

- Organized training for physicians and personnel
- Played the major role in foundation of operating theater and intensive care units.
- Participated to managerial meetings.

**Anesthesiology and Reanimation Resident****2009-2014***Department of Anesthesiology and Reanimation, Cerrahpaşa School of Medicine, Istanbul University, Istanbul, Türkiye*

4. Effectiveness of Poimyxin-B in Septic Shock Patients Demirkiran O, Ayan B. World Federation Of Societies of intensive and Critical Care Medicine Congress 2015, Seoul - Poster Presentation
5. Surgical Management of inguinal Hernia in A Newborn with Arc12b: Case Report. Approach to Inguinal Hernia in a Newborn infant with Diagnosis of ARCL2B. Aydın E, Ayan B. Türkiye Klinikleri J Case Rep doi: 10.5336/caserep.2017-56866
6. Intensive Care Management of Pregnant Patient With Severe Pulmonary Hypertension Ayan B, Demirkiran O, Bozbay S World Federation Of Societies of intensive and Critical Care Medicine Congress 2017, Rio - Poster Presentation
7. Reliability and Validity of Rowland Universal Dementia Assessment Scale In Turkish Population. Ayan G, Afacan C, Poyraz BC, Bilgiç O, Avcı S, Yavuzer H, Yürüyen M, Erdinler DS, Ayan B, Doventas A. Am J Alzheimers Dis Other Dement. 2018 Oct 17;1533317518802449. doi: 10.1177/1533317518802449 PMID:303 28357

*Other 9 papers presented in national and international meetings and other continuing studies.*

*Translations:*

1. Clinical Anesthesia - ISBN: 9789754208238 *Clinical Anesthesia - Barash, Cullen, Stoelting, Cuhalan, Stock* Translation of Chapter: Chapter 2

*Academic Books*

1. Non-invasive Mechanical Ventilation - ISBN 9786058161436 Author of Chapter: Non-invasive Mechanical Ventilation After Orthopedic Surgery

*Lectures:*

- 2017-2018 Winter Term – 5<sup>th</sup> Grade Courses at Anesthesiology and Reanimation Department, School of Medicine, Istanbul Bilim University
  - 2018-2019 Winter/Spring Term – 5<sup>th</sup> Grade Courses at Anesthesiology and Reanimation Department, School of Medicine, Istanbul Bilim University
  - 2018-2019 Winter/Spring Term – 1<sup>st</sup> and 2<sup>nd</sup> Grade Applied Simulation Courses, School of Medicine, Istanbul Bilim University
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