

ROI ANTEBY

119 Rothschild Blvd., Tel-Aviv, Israel • roi.anteby@sheba.health.gov.il • 0545-882-207

EDUCATION

- Master of Public Health (MPH)** **2020 - 2021**
Harvard School of Public Health, Boston, MA
- Graduate student of the MPH quantitative methods (QM) field of study (GPA: 4.00)
 - HSPH Professional Development Support Fund awardee 2021
 - Practicum focus: Propensity Score Matching (PMS) in large databases for survival analysis of patients with pancreas cancer (utilizing the US National Cancer Database NCDB)
 - Elective courses: Principles of clinical trials; Applied survival analysis; Linear & longitudinal regression analysis; Propensity score analysis; Research syntheses and Meta-Analysis
- Doctor of Medicine (MD)** **2015 - 2020**
School of Medicine, Tel-Aviv University, Tel Aviv, Israel
- Graduated Magna Cum Laude (GPA: 4.00)
 - Dean's List Honors Award for Academic Excellence
 - Certified by the US Educational Commission for Foreign Medical Graduates (ECFMG)
 - USMLE Step 2 CK: 254; Step 2 CS: PASS; Step 1: 228
 - Visiting clinical electives at University of Chicago, Mount Sinai NYC and Memorial Sloan Kettering
- B.Sc. in Medical Science** **2012 - 2015**
School of Medicine, Tel-Aviv University, Tel Aviv, Israel
- Graduated with honors (GPA: 3.96)

RESEARCH ACTIVITIES

- Surgical Education and Simulation Research Fellowship** **2020 - 2021**
Postdoctoral Research Fellow, Massachusetts General Hospital, Boston, MA, USA
- Weekly didactic training on surgical education and simulation
 - Led qualitative research on surgeons' retirement planning and applicants' experiences of virtual interviews for surgical fellowships; and quantitative research on interns clinical prioritization skills
- Hepatobiliary and Pancreatic Surgery Research Fellowship** **2020 - 2021**
Postdoctoral Research Fellow, Massachusetts General Hospital, Boston, MA, USA
- Investigated surgical outcomes utilizing national and institutional databases, focusing on disparities in care and survival trends comparing unimodal to multimodal treatment of pancreas cancer
 - Reviewed professional liability claims to shed light on malpractice patterns following surgery
- HealthPrism Research Team** **2021 - 2022**
Research Collaborator, Ariadne Labs, Boston, MA, USA
- Part of a patient-facing qualitative project to explore mobile health value/acceptability in surgical systems. Conducting semi-structured interviews with patients; (PI: Nikhil Panda)
- Pancreatic Islet Cell Lab** **2018 - 2021**
Research Collaborator, Chicago University, Chicago, IL, USA
- Assisted in the analysis and manuscript writing of studies on transplantations of pancreatic islet cells in patients with type 1 Diabetes mellitus; Participated in a national campaign to change the US FDA regulatory process for human islet transplantation (drafting of commentaries and interviews)
- General Surgery Research Team** **March 2019**
Medical Student Volunteer, Mount Sinai Hospital, NYC, NY, USA
- Gathered data, reviewed literature, analyzed results and assisted in drafting manuscripts on multiple projects, including retrospective analysis of in-office breast biopsy; and three case reports
- "Arrow Project" Research Program** **2017 - 2018**
Research Fellow, Israeli Center for Medical Simulation, Sheba Medical Center, Israel
- Member of a surgical education research team introducing a novel simulator for knot-tying force measurement / reduction with vocal and visual feedback

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PROFESSIONAL ACTIVITIES

Anatomy Teaching assistant **2020 - 2021**
Harvard Medical School, Boston, MA

- Assisted first year medical students in learning and applying basic principles of anatomy
- Tutored >100 hours in the cadavers dissection lab, incorporating basic surgical skills in the curriculum

Visiting Clinical Elective **April - May 2019**
Memorial Sloan Kettering Cancer Center, New York City, NY

- Colorectal surgery service (4 weeks); Supervisor: Dr. Julio Garcia-Aguilar; Grade: Honors
- Hepatopancreatobiliary surgery service (4 weeks); Supervisor: Dr. Peter Kingham; Grade: Honors

Sub-Internship **Dec 2018**
Mount Sinai West & Morningside, New York City, NY

- Surgical oncology and general surgery service (4 weeks); Supervisor: Dr. Eric Moore

Visiting Clinical Elective **April 2018**
The University of Chicago Medicine, Chicago, IL

- Transplant service (4 weeks); Supervisor: Dr. Piotr Witkowski

VOLUNTEER WORK

Physicians for Human Rights - Israel **2019 - 2020**
Medical Volunteer, The Open Clinic, Jaffa, Israel

- Provided free healthcare services to marginalized populations without medical insurance, the majority Palestinians and refugees from Eritrea and Sudan; Assisted in triage and H&P intake

AWARDS

- Harvard School of Public Health Professional Development Support Fund, 2021
- Outstanding Intern Award, Chaim Sheba Medical Center, Tel-Hashomer, Israel, 2020
- Nominee: Promising Medical Student Surgery Education Research Award – ASE Annual Meeting, 2020
- Best Poster Presentation Award - ACS Surgical Simulation Summit, 2019

AD-HOC REVIEWER

- Program Committee of CLINICCAI (Clinical Translation of Medical Image Computing and Computer-Assisted Interventions) – MICCAI 2021 conference, Strasburg, France, Sept 2021
- Surgical Endoscopy (2020 - present)
- Journal of the American College of Surgeons (2021 - present)
- Journal of Surgical Research (2021 - present)
- Journal of Surgical Education (2021 - present)
- Surgical Oncology (2020 - present)

MEMBERSHIPS

- American Public Health Association (2019 - present)
- American College of Surgeons (2018 - present)
- Association for Surgical Education (2019 - present)
- International Hernia Collaboration (2017 - present)

MILITARY SERVICE

Army Radio (*Galei Tzahal*) **2007 - 2010**
Israeli Defense Force

- Served as a reporting journalist and news editor (*reserve service in Operation Protective Edge, 2014*)

LANGUAGES

- Hebrew - Native; English - Fluent

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PUBLICATIONS & PRESENTATIONS

Peer reviewed publications:

1. **Anteby R** et al. Perioperative Pharmacologic Prophylaxis of Venous Thromboembolism: A Professional Liability Analysis. *J Surgical Research*, 2021
2. **Anteby R** et al. Passing the Scalpel: Lessons on retirement planning from retired academic surgeons. *Am J Surg*, 2021
3. **Anteby R** et al. Challenges of Virtual Interviewing for Surgical Fellowships: A Qualitative Analysis of Applicant Experiences. *Surgical Endoscopy*, 2021
4. **Anteby R**, Petrusa E, Ferrone CR, Mullen JT, Phitayakorn R. Which Patient Do I Attend to First? Night-float Simulation to Assess Surgical Intern's Clinical Prioritization Skills. *J Surgical Education*, 2021
5. **Anteby R** et al. Evaluating the Prognostic Value of Islet Autoantibody Monitoring in Islet Transplant Recipients with Long-Standing Type 1 Diabetes Mellitus. *J Clinical Medicine*, 2021
6. **Anteby R**, Amiel I, Cordoba M et al. Development and Utilization of a Medical Student Surgery Podcast During COVID-19. *J Surgical Research*, 2021
7. **Anteby R**, Lillemoie KD, Castillo CFD, Ferrone CR, Qadan M. Analysis of in Court Malpractice Litigation Following Pancreatic Surgery. *Pancreatology*, 2021
8. **Anteby R**, Horesh N, Soffer S et al. Deep Learning Visual Analysis in Laparoscopic Surgery: A Systematic Review and Meta-analysis. *Surgical Endoscopy*, 2020
9. **Anteby R** et al. The Impact of COVID 2019 Outbreak on the Attendance of Patients with Surgical Complaints at a Tertiary Hospital Emergency Department. *J laproendoscopic adv surg*. 2020
10. Bachul P et al. (among authors: **Anteby R**). Total Pancreatectomy with Islet Autotransplantation in Diabetic & Prediabetic Patients with Intractable Chronic Pancreatitis. *Journal of Pancreatology*, 2020
11. Amiel I*, **Anteby R*** et al. Experienced Surgeons Versus Novice Residents: Validating a Novel Knot Tying Simulator for Vessel Ligation. *Surgery*, 2020. **equal contribution*
12. Amiel I*, **Anteby R*** et al. Feedback Based Simulator Training Reduces Superfluous Forces Exerted by Novice Residents Practicing Knot Tying for Vessel Ligation. *Am J Surg*, 2019. **equal contribution*
13. Bachul P et al (among authors: **Anteby R**). BETA-2 Score is an Early Predictor of Graft Decline and Loss of Insulin Independence After Pancreatic Islet Allotransplantation. *Am J Transplant*, 2019
14. **Anteby R** et al. Vitrectomy in Patients 85 Years of Age and Older: Surgical Outcomes and Visual Prognosis. *Clinical Interventions in Aging*, 2018
15. **Anteby R**, Clancy T, Qadan M. Robotic Surgery for Neuroendocrine Tumors of the Pancreas. *Cancers*, 2021 [in press]
16. **Anteby R** & Shelly Soffer. Deep Learning for Noninvasive Liver Fibrosis Classification: A Systematic Review. *Liver International*, 2021
17. **Anteby R**, Kemeny NE & Jarnagin WR. Getting Chemotherapy Directly to the Liver: The Historical Evolution of Hepatic Artery Chemotherapy. *J Am Coll Surg*, 2021
18. Leigh N, **Anteby R**, et al. Lingual Osseous Choristoma causing Odynophagia in a Young Female. *Ear, Nose & Throat Journal*, 2020
19. Leigh N, Sullivan BJ, **Anteby R** et al. Perforated jejunal diverticulitis: a rare but important differential in the acute abdomen. *Surg case rep*. 2020.
20. **Anteby R** et al. Recurrent Metastatic Primary Inflammatory Myofibroblast Tumour of the Gallbladder Following Pancreaticoduodenectomy. *BMJ Case Rep*. Feb 2020.
21. **Anteby R**, Sabine Heldebrandt. Limited Use of a Nazi-Era Anatomy Atlas in the Operating Theater: Remembering the Victims. *Israel Medical Association Journal*, 2021 [in press]
22. **Anteby R**, Soffer S, Nachmany I, Klang E. Comment on "Natural Language Processing in Surgery: A Systematic Review and Meta-analysis". *Annals of Surgery*, 2021
23. Witkowski P, **Anteby R**, Olaitan OK et al. Pancreatic Islets Quality and Potency Cannot be Verified as Required for Drugs: Reflection on the FDA Review of a Biological License Application for Human Islets. *Transplantation*, 2021
24. **Anteby R**. A Foot in the Door: Foreign International Medical Students' Obstacles to Hands-on Clinical Electives in the US. *Academic Medicine*. 2020; 95(7):973-974.

Book Chapters:

- **Anteby R**, Qadan M. "Chapter 69: Palliative Treatment of Pancreatic and Periapillary Tumors" in Blumgart's Surgery of the Liver, Biliary Tract and Pancreas (7e) [in press]

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Poster presentations:

- **Anteby R** and Phitayakorn R. Captain Charles Martell: An Early Example of Patient Self-Advocacy. *American College of Surgeons [ACS] Clinical Congress, History of Surgery Session 2021*, virtual
- **Anteby R** et al. Challenges of Virtual Interviews: A Qualitative Analysis of Fellowship Applicant Experiences. *AcademyHealth Annual Research Meeting (ARM), 2021*, virtual
- **Anteby R** et al. Passing the Scalpel: Defining and Preparing for Surgeon Transitions from Clinical Practice. *ASE Annual Meeting, April 2021*, virtual
- **Anteby R** et al. Which Patient Do I Attend to First? Night-float Simulation to Assess Surgical Intern's Clinical Prioritization Skills. *APDS Annual Meeting, April 2021, Boston, MA*
- **Anteby R** et al. The Utility of Naples Prognostic Score for Predicting Post-operative Complications in Crohn's Disease Patients Undergoing Bowel Resection. *ASCRS Scientific Meeting, March 2021*, virtual
- **Anteby R** et al. Experienced Surgeons Versus Novice Residents: Validating a Novel Knot Tying Simulator for Vessel Ligation. *ACS Surgical Simulation Summit, March 2019, Chicago, IL*

Podium presentations:

- **Anteby R** et al. Preparing to Retire from Surgery: A National Survey. *Association for Surgical Education Annual Meeting, May 2021, San Antonio, TX*
- **Anteby R** et al. Comparison of Analgesic Modalities After Hepatopancreatobiliary Surgery: A Single Surgeon Series. *17th Annual Academic Surgical Congress. February 2022, Florida*
- **Anteby R** et al. Surgery Alone for Resectable Pancreatic Ductal Adenocarcinoma: Should we Operate if Multimodal Treatment is Off the Table? *AHPBA Annual Meeting, Aug 2021, Miami, FL*
- **Anteby R** et al. Disparities in the Receipt of Adjuvant Therapy After Upfront Surgery for Pancreatic Adenocarcinoma. *SSAT Annual Meeting, May 2021, Virtual*
- **Anteby R** et al. Development and Utilization of a Medical Student Surgery Podcast During COVID-19. *16th Annual Academic Surgical Congress. February 2021, Virtual*
- **Anteby R** et al. Novel Visual and Auditory Force Feedback Simulator for Honing Knot Tying Capabilities of Surgical Residents. *Association for Surgical Education Annual Meeting, April 2019, Chicago, IL*
- **Anteby R** et al. Is There Any Prognostic Value of Diabetes-Associated Autoantibody Levels for Predicting Islet Graft Function in Patients with Long-Standing Type 1 Diabetes Mellitus? *American Diabetes Association, 79th Scientific Session, June 2019, San Francisco, CA*