

Dr. Galit Avior

ACADEMIC DEGREES

1996 MD (cum laude), Rappaport Faculty of Medicine, Technion – Israel Institute of Technology, Haifa, Israel

PROFESSIONAL EXPERIENCE

1997 – 2004 Resident in Otolaryngology, Head and Neck Surgery, Sourasky Medical Center, Tel Aviv, Israel

2004 to present Specialist in Otolaryngology and Acting Director, Unit of Otolaryngology, Head and Neck Surgery, Hillel Yaffe Medical Center, Hadera, Israel

2006 to present Performing FNA-guided US for neck mass especially thyroid in cooperation with the Endocrinology Unit, Hillel Yaffe Medical Center, Hadera, Israel

2008 Mini-fellowship in head and neck surgery, Department of Otolaryngology, Head and Neck Surgery, Tenon Hospital, Paris, France

RESEARCH INTERESTS

- Thyroid and parathyroid
- Eustachian tube

TEACHING EXPERIENCE

1995 - 2000 Lecturer, General medicine course, Chinese medicine students, Naturopathy College, Tel Aviv, Israel

1996 Lecturer, Basic principles in medicine course, medical secretaries, Coller School of Management, Tel Aviv, Israel

2002 - 2004 Lecturer, General medicine course, new immigrant doctors, Sourasky Medical Center, Tel Aviv, Israel

2005 - 2010 Lecturer, Basic ENT course, Nurses College, Hillel Yaffe Medical Center, Hadera, Israel

2013 to present Lecturer, EEG Rounds, undergraduate students, Rappaport Faculty of Medicine, Technion – Israel Institute of Technology, Haifa, Israel

2016 to present Head of Academic Program Unit of ENT/Head & Neck, Hillel Yaffe Medical Center, Hadera, Israel, affiliate of Surgery Medicine, Technion – Israel Institute of Technology, Haifa, Israel

2017 to present Head of Residents Program of the Otolaryngology Head and Neck Surgery, Hillel Yaffe Medical Center, Hadera, Israel

2017 Tutor, Head and Neck Dissection course, Otolaryngology residents, Sackler Faculty of Medicine, Tel Aviv University, Israel

2018	Lecturer, Thyroid US, postgraduate program for residents, Sackler Faculty of Medicine, Tel Aviv University, Israel
2019 to present	Tutor, "Clinical Tuesday" program, Rappaport Faculty of Medicine, Technion – Israel Institute of Technology, Haifa, Israel

FACULTY ACTIVITIES

2019 to present	Reviewer for graduate MD work
2019 to present	Member on the committee preparing the otolaryngology syllabus for medical students

PUBLIC PROFESSIONAL ACTIVITIES

2016 to present	Judge, MassChallenge Israel Accelerator Competition Rounds I and II and Pulse MassChallenge
2011 to present	Member of the Examination Committee, ENT Association: preparation of questions for Stage A and an examiner for Stage B
2014 – 2018	Committee Member, Israeli Society of Head and Neck Surgery, Israel
2014 – 2018	Reviewer for residents' work participating in the annual competition
2019	Committee Member for the 2020 health care budget, Otolaryngology Head and Neck Society Committee

MEMBERSHIP IN PROFESSIONAL SOCIETIES

International

American Thyroid Association

National

Israeli Society of Otolaryngology, Head and Neck Surgery

Israeli Society of Head and Neck Oncology

AWARDS AND HONORS

2014	Silver Award for the patent of Doya (www.doya-medical.com), MassChallenge Accelerator Competition held in London, England
2014 – 2015	Outstanding Lecturer Award, Rappaport Faculty of Medicine, Technion – Israel Institute of Technology, Haifa, Israel
2016	Doya entered the Hall of Fame of MassChallenge for the uniqueness of the company

PUBLICATIONS

Theses

- 1996 The effect of ovarian suppression with GnRH analog on respiration during sleep in women undergoing ovarian stimulation preparation for in vitro fertilization (cum laude). Thesis advisors: Prof. Yuri Pillar, Prof. Peretz Lavie, Technion – Israel Institute of Technology

Refereed Papers in Professional Journals

Clinical Research

1. Avior G, Fishman G, Leor A, Sivan Y, Kaysar N, Derowe A. The effect of tonsillectomy and adenoidectomy on inattention and impulsivity as measured by the Test of Variables of Attention (T.O.V.A.) in children with obstructive sleep apnea syndrome (awarded the Prof. Podoshin's Fund Prize in the Field of Science). J Otolaryngol. Head Neck Surg 2004 Oct; 131(4):367-371.
2. Avior G, Derowe A, Fliss DM, Trejo L, Itzhak I. Associated branchial cleft anomalies in the cat eye syndrome. Harefuah 2007; 146(2):99-101,166-167 (in Hebrew).
3. Itzhak I, Malatskey S, Avior G. Bilateral vocal cord paralysis due to rheumatoid arthritis. Harefuah 2007; 146(2):92-94,167.
4. Braverman I, Avior G, Malatskey S. Pneumomediastinum due to neck stab wound, presented as rhinolalia. J Otolaryngol. Head Neck Surg 2008 Jun; 37(3):E87-89.
5. Goldin E, Klein P, Sopov V, Mekhmandarov S, Avior G, Meir A. MIBI - spect scintigraphy in the presurgical assessment of thyroid lesions with indeterminate cytology. Endocrine Abstracts 2013; 32 P1120 DOI:10.1530/endoabs.32.P1120..
6. Itzhak I, Avior G, Feldman M, Gubarev A, Stein R, Abu Ras H, Zeina A-R. Emergency airway obstruction in newborn due to congenital saccular cyst. International Journal of Otolaryngology and Head & Neck Surgery 2013; 2(1):34-38.
7. Braverman I, Nemirovsky A, Klein A, Sarid M, Avior G. Coblation intracapsular tonsillectomy and coblation complete tonsillectomy for obstructive sleep apnea. International Journal of Otolaryngology and Head & Neck Surgery 2015; 4:350-355.
8. Krasner JR, Alyouha N, Pusztaszeri M, Forest VI, Hier MP, Avior G, Payne RJ. Molecular mutations as a possible factor for determining extent of thyroid surgery. J Otolaryngol Head Neck Surg. 2019 Oct 17; 48(1):51.

Accepted for Publication

9. Maayan D, Braverman I, Avior G. Balloon dilation of the Eustachian tube, the experience established in Hillel Yaffe Medical Center. Harefuah - The Journal of Israel Medical Association.

PATENTS

- Avior G. Patent title: Eustachian tube device, patent no.: 20100174366, patent granted 2010.
- Avior G. Patent title: Eustachian tube device, patent no.: 20120191030, patent granted in 2012.
- Avior G. and Feld T. Patent title: PCT Application No. PCT/IL2017/051081 "Stent and stenting method."

CONFERENCES

Plenary, Keynote or Invited Talks

International

- The incidence of sleep disordered breathing (Sdb) in children with Attention Deficit Hyperactivity Disorders (ADHD). International Congress of the European Society of Pediatric Otorhinolaryngology, Paris, France, 2006 (invited talk).
- Minute to Pitch it – for Doya eStent. Minute to Pitch it MassChallenge, London, England, 2015 (invited talk).
- Presenting Doya-Medical eStent. MC Switzerland Launch Event @ Campus Biotech, Geneva, Switzerland, 2016 (invited talk).
- Presentation of Doya Eustachian tube stent solution. Eustachian Tube Lab, UPMC, Pittsburg, Pennsylvania, 2017 (invited talk).
- Molecular mutation as a possible factor for determining extent of thyroid surgery. CSOHNS Annual National Conference, Canada, 2019 (plenary).
- Molecular testing in Bethesda V and VI thyroid tumors to help optimize the extent of surgery in patients undergoing thyroidectomy. Annual OHNS Meeting, Québec, Canada, 2019 (plenary).
- Developments in thyroid nodule diagnostics: the basics of molecular testing. 19th Annual McGill University Update in Otolaryngology—Head and Neck Surgery, Québec, Canada, 2020 (invited talk).

National

- Neck surgery. Otolaryngology meeting, Sourasky Medical Center, Tel Aviv, 2001 (plenary).
- The effect of tonsillectomy and adenoidectomy on inattention and impulsivity as measured by the Test of Variables of Attention (T.O.V.A.) in children with obstructive sleep apnea syndrome. Conference of Pediatric ENT, Sourasky Medical Center, Tel Aviv, 2002 (plenary).
- The incidence of sleep disordered breathing (Sdb) in children with Attention Deficit Hyperactivity Disorders (ADHD). Annual Conference of ENT/Head & Neck Surgery, Eilat, 2004 (plenary).
- The influence of smoking on the incidence of acute tonsillitis. Annual Conference of ENT/Head & Neck Surgery, Eilat, 2005 (plenary).
- Long-term throat pain as presentation of oral cavity and pharyngeal tumors. Annual Conference of ENT/Head & Neck Surgery, Eilat, 2006 (plenary).
- Coblation in adenotonsillectomy course. Annual Conference of ENT/Head & Neck Surgery, Eilat, 2006 (invited talk).

- The effect of steroids on treatment of severe acute tonsillitis. Conference of ENT/Head & Neck Society, Caesarea, 2007 (plenary).
- About thyroid nodule lecture. Hillel Yaffe Medical Center Staff Meeting, Hadera, 2008 (invited talk).
- The surgical approach to thyroid and parathyroid. Thyroid Congress, Hillel Yaffe Medical Center, Hadera, 2010 (invited talk).
- Rinse-PTH obtained via Fine Needle Aspiration (FNA) in the evaluation of primary hyperparathyroidism. Otolaryngology Monthly Meeting, Tel Aviv, 2012 (plenary).
- Indeterminate thyroid cytology: is there a place for radionuclide imaging? Head & Neck Union Conference, Dead Sea, Israel, 2013 (invited talk).
- Autotransplantation and cryopreservation of parathyroid. "Parathyroid from A to Z." Hadassah Medical Center, Jerusalem, June 2016 (keynote).
- A surgeon's view on preoperative evaluation, First international Thyroid/Parathyroid US course, 2018 (invited talk).
- Preoperative imaging for planning the extent of surgery. Current Concepts in Thyroid Surgery Meeting, 2018 (panel).
- Controversies in salivary gland tumors. ISHNOS, 2018 (panel).
- Molecular testing melanoma. ISHNOS, 2018 (invited talk).
- Ultrasound mini course. Annual Conference of ENT/Head & Neck Surgery, Eilat, 2019 (invited talk).
- Use of molecular testing to determine the extent of a thyroid surgery. Annual Conference of ENT/Head & Neck Surgery, Eilat, 2019 (invited talk).
- Molecular testing for thyroid nodules. Annual Conference of ENT/Head & Neck Surgery, Eilat, 2019 (invited talk).
- Optimizing the extent of surgery using molecular testing. Second International Thyroid/Parathyroid US course, 2019 (invited talk).
- Interventional techniques for benign thyroid nodules. Second International Thyroid/Parathyroid US course, 2019 (invited talk).
- Malignancy rate in regards to the Bethesda Classification in Israel, ISHNOS, 2019 (invited talk).
- Distribution of genetic mutations within the different Bethesda classification categories. ISHNOS, 2019 (invited talk).
- Molecular testing in intermediate thyroid nodule – the X factor. Meeting of the Endocrine Surgeon Society, 2019 (invited talk).

Contributed Talks and Posters

Poster Presentations

National

- Avior G. The effect of ovarian suppression with GnRH analogs on respiration during sleep in women undergoing ovarian stimulation in preparation for in vitro fertilization. Conference of the Israel Society of Sleep Medicine, Tel Aviv, November 1997.
- Avior G. The incidence of sleep disordered breathing (Sdb) in children with Attention Deficit Hyperactivity Disorders (ADHD). Annual Meeting of the Israel Sleep Society, Eilat, April 2005.
- Avior G. The effect of steroids on treatment of severe acute tonsillitis. Annual Conference of ENT/Head & Neck Society, Eilat, March 2007.
- Avior G. Multidisciplinary approach to a patient with hurthle cell carcinoma. Annual Conference of ENT/Head & Neck Society, Eilat, March 2011.
- Maayan D, Braverman I, Avior G. Balloon dilation of the Eustachian tube, the experience established in Hillel Yaffe Medical Center. Annual Meeting of the Rhinology Society, May 2019.

Participation in Organizing Conferences

May 2010	Thyroid and parathyroid congress, Hillel Yaffe Medical Center, Hadera, Israel (organizer, lecturer and guide)
July 2010	First FNA-guided US Workshop for Endocrinologists at Sheba Medical Center, Tal Hashomer, Israel (lecturer and guide)
March 2011	Thyroid US workshop, Annual Conference of ENT/Head & Neck Surgery, Eilat, Israel (organizer, moderator and lecturer)
November 2011	Thyroid US workshop, Annual Conference of the Head and Neck Society, Jerusalem, Israel (organizer, moderator and lecturer)
March 2012	Salivary glands and Lymph Nodes US workshop, Annual Conference of ENT/Head & Neck Surgery, Eilat, Israel (organizer, moderator and lecturer)
November 2012	Sonar course, Israeli Head & Neck Organization, Ramot, Israel (organizer, lecturer and guide)
March 2013	Sonar course, Otolaryngology MDs Union, Eilat, Israel (organizer, lecturer and guide)
March 2014	Sonar course, Otolaryngology MDs Union, Eilat, Israel (organizer, lecturer and guide)
October 2016	Sonar course for ENT doctors from Beilinson and Poriya Medical Centers, Hillel Yaffe Medical Center, Hadera, Israel (organizer, lecturer and guide).
February 2018	First international Thyroid/parathyroid US Course (chairperson, organizer, moderator, lecturer and guide).
September 2019	Second international Thyroid/parathyroid US Course (chairperson, organizer, moderator, lecturer and guide).

SIGNIFICANT PROFESSIONAL PROJECTS/ACTIVITIES

- 2015 to present Co-founder and CEO of Doya-Medical Ltd., a medical startup company that makes eustachian tube devices, Caesarea, Israel
- 2014 to present Partner at Mabat-Medical, a medical center for thyroid and parathyroid diseases

Additional Certificate Degrees

- 1995 Degree in Chinese Medicine, Tmurot College, Tel Aviv, Israel
- 1993 Degree in Life Sciences (cum laude), Rappaport Faculty of Medicine, Technion – Israel Institute of Technology, Haifa, Israel

Courses

- 1998 – 2002 Post-graduate course, Tel Aviv University, Tel Aviv, Israel
- 1999 First Endoscopic Sinus Surgery Conference: Basic to the Most Advanced, Tel Aviv
- 2002 Temporal bone dissection course, Assaf Harofeh Medical Center, Tzrifin, Israel
- 2004 Temporal bone dissection course, House-Ear Institute, Los Angeles, USA
- 2005 Temporal bone dissection course, Assaf Harofeh Medical Center, Tzrifin, Israel
- 2010 Advanced course in Endoscopic Zenker Diverticulum, Tenon Hospital, Paris, France
- 2010 Advanced course in thyroid surgery, University Hospital, Pisa, Italy
- 2010 US course for thyroid and parathyroid gland, Paris, France
- 2012 Robotic thyroid surgery course, Paris, France
- 2013 Ultrasound course, World Congress on Thyroid Cancer, Toronto, Canada
- 2014 2nd International Transoral Robotic Surgery (TORS) Conference, Penn, USA
- 2016 Ultrasound course in a meeting of the American Thyroid Association, Orlando, USA
- 2018 RF-Training US guided for thyroid nodules, Modena, Italy
- 2018 The use of Thunder beat device for thyroid surgeries, Pisa, Italy
- 2020 Molecular Landscape in Thyroid Cancer

Visits

- 2017 Eustachian tube lab, UPMC, Pittsburg, Pennsylvania, USA
- 2018 Endocrinology and Otolaryngology Dep. – Radiofrequency Ablation for thyroid nodules Observation, Arcispedale S. Maria Nuova, Reggio Emilia, Italy
- 2020 Eustachian tube lab, UPMC, Pittsburg, Pennsylvania, USA
- 2020 Thyroseq V3 lab, UPMC, Pittsburg, Pennsylvania, USA

ד"ר גלית אביאור

- ד"ר אביאור סיימה בהצטיינות את הפקולטה לרפואה בטכניון בשנת 1995.
- ד"ר אביאור סיימה התמחות באף, אוזן גרון וניתוחי ראש צוואר בבית החולים איכילוב.
- לאחר מכן עברה השתלמות בניתוחי ראש צוואר בבית החולים TENON בפריז. במקביל השלימה לימדי רפואה סינית בבית ספר תמורות.
- לאחר סיום ההתמחות החלה לעבוד בבית החולים הלל יפה, שם הקימה ומובילה את תחום הכירורגיה וראש צוואר, עם דגש על ניתוחי תירואיד ופרתירואיד.
- **ד"ר אביאור בנתה מודל עבודה ייחודי המשלב תחת קורת גג אחד:** אבחון, טיפול וליווי מלא - אולטרסאונד (US), FNA (ניקור) וטיפול כירורגי, במידת הצורך.
- ד"ר אביאור משמשת כמרצה נלווה בפקולטה לרפואה בטכניון, בוחנת מתמחים בשלב א' וב' ושותפה לכתיבת הבחינות.
- ד"ר אביאור מקיימת קורסים תחת איגוד רופאי א.א.ג וכירורגיה ראש צוואר, בנושא אולטרסאונד של צוואר ובלוטת התירואיד - בהשתתפות מובילי דעה בינלאומיים איתם היא נמצאת בקשר מקצועי ואקדמי שוטף.
- ד"ר אביאור שמה דגש על יישום ושילוב טכניקות חדשות המשמשות לאבחון וטיפול ביניהן: בדיקות מולקולריות וטיפול בגלי רדיו בקשריות בבלוטת התירואיד.
- במקביל לעבודה הקלינית והאקדמאית, ד"ר אביאור אחראית למספר פטנטים בנושא סטנט לתעלת אוסטכיוס. פטנטים אלו הובילו אותה להקמת חברת סטארט אפ, העוסקת בפיתוח סטנט מתקדם לטיפול במצבים של נזלים באוזניים.

חברות בארגונים מקצועיים: (בארץ ובחו"ל)

- חברה באיגוד הישראלי לרפואת א"א"ג וכירורגית ראש וצוואר.
- חברה בחברה הישראלית לכירורגיה ואונקולוגיה של הראש והצוואר.
- חברה באיגוד האמריקאי ATA - American Thyroid Association

פטנטים ופרסומים

ד"ר אביאור פרסמה מאמרים ומחקרים בספרות המקצועית בארץ ובעולם. כמו כן נטלה חלק בהשתלמויות וכנסים מקצועיים ברחבי העולם.

פטנטים:

1. Avior G. Patent title: Eustachian tube device, patent no.: 20100174366, patent granted 2010.
2. Avior G. Patent title: Eustachian tube device, patent no.: 20120191030, patent granted in 2012.
3. Avior G. and Feld T. Patent title: PCT Application No. PCT/IL2017/051081 "Stent and stenting method."