

Date: 08.08.2022

Curriculum Vitae and List of Publications

1. Personal Data

Name: Eyal Sela	22421952
Place of Birth: Israel	Date of Birth: 30/07/1966
Date of Immigration: N/A	Family Status: Married with three children
Citizenship status: Israeli	Permanent Address: Finland 35, Haifa, Israel
Phone Number: 050-689-8258	E-mail: EyalS@gmc.gov.il

2. Proposed academic rank: (ימולא ע"י הפקולטה) to be filled in by the faculty)

3. Education, Academic Degrees, Residencies, and Fellowships

From-To	Institution	Area of Specialty	Degree or Certification, Year
MD\DMD Studies	Technion - Israel Institute of Technology, Medical School	Head and Neck Surgery	1998
Primary Residency Subspecialty Residency:	Otolaryngology-Head and Neck Surgery Department, Carmel Medical Center, Haifa	Otolaryngology-Head and Neck Surgery	2000-2006
Fellowship:	McGill University in Montreal, Canada	Clinical and research training in head and neck oncology	2006-2008
Other Academic Degrees: M.Sc.	Technion - Israel Institute of Technology, Medical School		1997
Participation in Professional Courses:	Galilee Medical Center, Nahariya, Israel	Good Clinical Practice Course	2019
	Galilee Medical Center, Nahariya Israel	Advanced Cardiac Life Support Course	2017
	Utrecht Medical University, Netherlands	26th International Course in Advanced	2015



		Rhinoplasty Techniques	
	University of Toronto, Faculty of Otolaryngology-Head & Neck Surgery	Rhinoplasty Course	2012
	University of Montreal, Otolaryngology Department and Cervico-Facial Surgery, Anatomy Laboratories of Quebec University at Three Rivers, Canada	Cervico-Facial Reconstructive Course	2011
	Tel Aviv University, Israel	Functional and Aesthetic Nasal Surgery (Septo-Rhinoplasty)	2009
	Carmel Medical Center, Haifa, Israel	Good Clinical Practice Course (GCP)	2009
	Italy	Technique (MIVAT) by harmonic scalpel	2009
		Thyroidectomy course with minimally-invasive video assistant	2007
	Rome, Italy	The Italian way to facial plastic surgery, naso e dintorni, 7th videocorso di chirurgia Nasale e facciale	2007
	San Francisco, USA	The Art of Rhinoplasty	2006
	Linz Medical Center, Austria	3rd International Rhinoplasty Course	2005

Bar-Ilan University (RA), The Azrieli Faculty of Medicine Henrietta Szold St. 8, POB 1589 Safed, Israel
Tel: 072 264 4939 • promotion.med@biu.ac.il



MD Thesis Title: Quantitative ratio measurements of elastin and collagen in the Superficial Musculo-Aponeurotic System (SMAS) with comparison to facial skin. (commended for excellence)

Supervisor: Prof. Yaron Har Shay

4. Academic Appointments

From-To	Academic Rank	University
2015	Clinical leader	Bar-Ilan University, Faculty of Medicine, Tzfat Campus
2008	Clinical leader	Technion Israel Institute of Technology
2006-2008	Clinical and research training fellowship in head and neck oncology, junior academic staff, full-time position	McGill University, Montreal, Canada

5. Teaching contributions at Faculties of Medicine:

From-To	Teaching Role or Position	Institution
2014-2020	Clinical rounds in the Otolaryngology-Head and Neck Surgery Department at the Galilee Medical Center; management of an academic program including frontal lectures and lectures at patients' bedsides. Clerkship rounds included 10 students each, with 12 rounds per year. Clerkship is for 2 weeks, with 2 days in the maxillofacial department and 100 hours in total.	Galilee Medical Center Bar-Ilan University, Faculty of Medicine, Safed Campus



6. Professional Staff Appointments (at Medical Institutions):

From-To	Position	Institution
2013-present	Director of the Otolaryngology-Head and Neck Surgery Department, Physician rank, full-time position	Galilee Medical Center
2013-present	Chairman of the Department of Otolaryngology Studies	Bar-Ilan University, Azrieli Faculty of Medicine, Safed campus
2008-present	Administrator of the biomedical research laboratory for ear, nose, and throat diseases	Galilee Medical Center, Nahariya
2008-2013	Head physician, full-time position	Head and Neck Surgery Department, Carmel Medical Center, Haifa



7. Supervision of Graduate, Post-Graduate Students and Medical Students

Name of Student/ Trainee and Supervision of Research Project for Specialty Residents Trainees	Degree, Years Supervised	Thesis or Project Title	Publication(s) with student as Author (refer to number in publication list)
Mor Shukron	Clinical research MD student at Bar-Ilan University, Faculty of Medicine in Safed 2021-present	Audiological evaluation among patients after receiving the BNT162b2 vaccine for the COVID-19 virus	
Dr. Harino Muhammad	Basic sciences, Medical intern, Department of Anesthesiology, Galilee Medical Center	Characterization of sensory hearing loss among patients hospitalized with active COVID-19, depending on the severity of the symptoms	
Noa Miriam Oshri	MD student at Bar Ilan University, Faculty of Medicine in Safed Clinical research Work is in the planning stages and clinical data collection 2020	Characterization of decreased sense of smell among patients who recovered from the COVID-19 virus.	
Dr. Einat Levy	ENT resident, Otolaryngology Department at the Galilee Medical Center Basic research 2020-present	Characterization of a genetic mutation in the lapendrin gene that causes hearing impairment in a family in the Galilee	Publications 8, 12 and Review paper 1
Dr. Dua Ryan	Post-internship physician PhD student in the research laboratory of the		



	Otolaryngology Department 2020-present		
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8. Competitive Research Funding Sources

Start and Completion Dates	Funding Agency	Competitive or sponsored	Status (e.g., PI, Co-PI)	Title	Total Funds for Grant
	Ministry for Development of the Negev and the Galilee (MIGAL)			The Link Between Vestibular Dysfunction to Reduced Bone Density and Mineral Content	₪ 120,000

9. CONFERENCES

a. National Conferences

Name of Conference	Place and Date	Title of Lecture/Poster
Participation in organizing conferences		
Annual Conference of the Israeli Congress of Facial Plastic and Reconstructive Surgery	Tel Aviv, Israel 2019 Israel, 2020	
Plenary Presentations		
1st Israeli Congress of Facial Plastic and Reconstructive Surgery,	Tel Aviv, Israel March 2019	Open Reduction of Combined Nasal Bone Fractures – When and Why?
Israel Society of Otolaryngology - Head and Neck Surgery Annual Meeting	Eilat, Israel March 2019	Coblation Technology in Sleep Surgery: Potential for Improving Early Post-Operative Results
AJC Moral Courage Award	Galilee Medical Center, Jerusalem, Israel July 2018	Saving the Lives of Patients Fleeing Syria's Civil War
Annual Israeli Otolaryngology Meeting	Eilat, Israel March 2005	Scar Evaluation in Thyroid Surgery: A Comparison between Staple and Intra-dermal Closure



Plastic and Reconstructive Surgery Annual Meeting	Tel Aviv, Israel 2001	Comparison of Surgical Scar in Patients Post Thyroidectomy and Parathyroidectomy between Staples and Intradermal Suture: A Retrospective Review
21st Israeli Surgical Society Meeting	Haifa, Israel May 1999	BRCA-1 & BRCA-2 Gene Mutation in Male Breast Cancer
20th Israeli Surgical Society Meeting	Jerusalem, Israel June 1997	Quantitative Ratio Measurements of Elastin and Collagen in the Superficial Musculo-Aponeurotic System (SMAS) with Comparison to Facial Skin
Non-Plenary Talks		
Israel Society of Otolaryngology - Head and Neck Surgery Annual Meeting	Eilat, Israel March 2019	Sino-Nasal Outcome Test-22: Translation, Cross-cultural Adaptation, and Validation in Russian Language
Israel Society of Otolaryngology - Head and Neck Surgery Annual Meeting	Eilat, Israel March 2019	Humanitarian Outpatient Pediatric Endeavor
Annual Meeting of The Israeli Society of Otolaryngology - Head and Neck Surgery	Eilat, Israel March 2019	HOPE - Humanitarian Outpatient Pediatric Endeavor
Annual Meeting of The Israeli Society of Otolaryngology - Head and Neck Surgery	Eilat, Israel March 2018	Inferior Turbinate Reduction: Comparing Postoperative Bleeding between Different Surgical Techniques
Annual Meeting of the Israeli Rhinologic Society	Israel June 2017	Dacryocystorhinostomy: What to do When All Else Fails?
Annual Meeting of The Israeli Society of Otolaryngology - Head and Neck Surgery	Eilat, Israel March 2017	The Role of Naso-Septal Flap in Endoscopic Pituitary Surgery
Israeli Otoneurology Society Annual Meeting	Tiberias, Israel January 2016	Prevalence and Characteristics of Hearing



		Loss in Patients Diagnosed with Bell's Palsy
Israel Society of Otolaryngology - Head and Neck Surgery Annual Meeting	Eilat, Israel March 2016	Ameloblastic Carcinoma Misdiagnosed with Squamous Cell Carcinoma
Israel Society of Otolaryngology - Head and Neck Surgery Annual Meeting	Eilat, Israel March 2016	<u>Poster Presentation:</u> Retrosternal Goiter Presenting as Deep Vein Thrombosis of the Arm. A Case Report and Review of the Literature.
Israel Society of Otolaryngology - Head and Neck Surgery Annual Meeting	Eilat, Israel March 2016	<u>Poster Presentation:</u> Clinical Criteria for CT Scan Evaluation of Upper Aerodigestive Tract Fishbone.
Israel Society of Otolaryngology - Head and Neck Surgery Annual Meeting	Eilat, Israel March 2016	<u>Poster Presentation:</u> Acute Bilateral Sensorineural Hearing Loss as a Presenting Symptom of Vitamin B1 Deficiency.
Israel Society of Otolaryngology - Head and Neck Surgery Annual Meeting	Eilat, Israel March 2016	<u>Poster Presentation:</u> Primitive Neuroectodermal Tumor of Nasal Cavity Presenting with an Acute Visual Loss.
Israel Society of Otolaryngology - Head and Neck Surgery Annual Meeting	Eilat, Israel March 2016	<u>Poster Presentation:</u> IgG4-Related Diseases: Head and Neck Manifestation
Israel Society of Otolaryngology - Head and Neck Surgery Annual Meeting	Eilat, Israel March 2015	<u>Poster Presentation:</u> Seasonal Pattern of Bell's Palsy: A Retrospective Analysis of 698 Consecutive Patients from 2005 to 2013.
Israel Society of Otolaryngology - Head and Neck Surgery Annual Meeting	Eilat, Israel March 2015	<u>Poster Presentation:</u> Association between Seasonal Pattern of Sudden Sensorineural Hearing Loss with



		Cardiovascular Risk Factor and Inflammatory Markers
The Annual Israeli Otoneurology Society Meeting	Shiba, Israel 2014	<u>Poster Presentation:</u> Seasonal Pattern of Sudden Sensorineural Hearing Loss: A Retrospective Analysis of 481 Consecutive Patients from 2004 to 2014
The Annual Israeli Otoneurology Society Meeting	Shiba Israel 2014	<u>Poster Presentation:</u> Intratympanic Steroids for Sudden Sensorineural Hearing Loss: A National Survey of Treatment Approach
Annual Israeli Otolaryngology Meeting	Eilat, Israel March 2014	<u>Poster Presentation:</u> Total Naso-Septal Reconstruction using Transplant Cartilage with PDS foil.
Annual Israeli Otolaryngology Meeting	Eilat, Israel March 2014	<u>Poster Presentation:</u> Laryngeal Cleft Type I - Early Diagnosis and Successful Endoscopic Intervention
Annual Israeli Otolaryngology Meeting	Eilat, Israel March 2014	<u>Poster Presentation:</u> The Syrian Civil War: The Western Galilee Hospital Experience.
Annual Israeli Otolaryngology Meeting	Eilat, Israel March 2014	<u>Poster Presentation:</u> Total Naso-Septal Reconstruction using Transplant Cartilage with PDS Foil
Annual Israeli Otolaryngology Meeting	Eilat, Israel March 2013	<u>Poster Presentation:</u> Concomitant Parathyroid Adenoma and Thyroid Carcinoma
Annual Israeli Otolaryngology Meeting	Eilat, Israel March 2013	<u>Poster Presentation:</u> Management of Pharyngo-Esophageal Obstruction after Chemo-Radiation Treatment of Head and Neck Cancer Patients



Annual Israeli Otolaryngology Meeting	Eilat, Israel March 2009	<u>Poster Presentation:</u> Hypnosis for Treating Xerostomia Following Radiotherapy in Head & Neck Cancer Patients.
21 st Israel Surgical Society Meeting	Haifa, Israel May 1999	<u>Poster Presentation:</u> Hemorrhoidectomy using a Circular Stapler Device.
Refereed papers in conference proceedings		
none		



b. International Conferences in Israel

Name of Conference	Place and Date	Title of Lecture/Poster
Participation in organizing conferences		
Annual Conference of the International Federation of Facial Plastic Surgery Societies	Online, 2020	
Plenary or invited talks		
Invited non-Plenary		
Contributed Talks, Posters and Abstracts		
Refereed papers in conference proceedings		

c. International Conferences Abroad

Name of Conference	Place and Date	Title of Lecture/Poster
Participation in organizing conferences		
Plenary Presentations		
Grand Rounds	Harvard Medical School, Cambridge, MA, USA, Department of Otolaryngology-Head and Neck Surgery October 2021	The Syrian Civil War: The Galilee Medical Center Experience
World Rhinoplasty Day	Virtual Webcast South Africa November 2020	Septorhinoplasty: How Well Do We Really



		Understand Our Patients?
Jewish National Fund-USA	Virtual Webcast, Boston, MA USA July 2020	Covid and Beyond: A Doctors for Israel Conversation
American Academy of Facial Plastic and Reconstructive Surgery AAFPRS	Orlando, FL, USA April 2019	Advances in Rhinoplasty
IFHNOS 5th World Congress & AHNS Annual Meeting	New York, NY, USA July 2014	Flap In Floor of Mouth Reconstruction.
IFHNOS 5th World Congress & AHNS Annual Meeting	New York, NY, USA July 2014	The Syrian Civil War: The Galilee Medical Center Experience.
Annual Meeting of the Quebec Association of Otolaryngology-Head & Neck Surgery	Quebec, Canada October 2012	Comparison of Postoperative Complications and Functional Analysis of The Results in Reconstructive Approaches in Patients Suffering from Squamous Cell Carcinoma of the Larynx Treated by Laryngectomy: The Experience of a Center
Annual Meeting of the Quebec Association of Otolaryngology-Head & Neck Surgery	Quebec, Canada October 2012	Retrograde dilation technique for complete pharyngo-esophageal obstructions secondary to chemo-radiation treatment of advanced cervico-facial neoplasia
66 th Annual Meeting of the Canadian Society of Otolaryngology – Head and Neck Surgery	Toronto, Ontario, Canada May 2012	Management of Complete Pharyngo-Esophageal obstruction after Chemo-Radiation Treatment for Advanced Head and Neck Cancer Patients
66 th Annual Meeting of the Canadian Society of	Toronto, Ontario, Canada May 2012	Zenker's Diverticulum: An In-depth Review of Current Treatment



Otolaryngology-Head and Neck Surgery		Options and Outcomes: Open vs Endoscopic CO2 Laser, GIA, Harmonic Scalpel and Gastroscopic Needle Knife
Grand rounds presentation: Otolaryngology-Head and Neck Surgery, McGill University	Montreal, Quebec, Canada April 2012	Back to Life and Return to Work after Surgery
Grand rounds presentation: Otolaryngology-Head and Neck Surgery, McGill University	Montreal, Quebec, Canada April 2012	Minor Salivary Gland Tumors, Approach to Management.
Invited non-Plenary		
CEORL-HNS - 5th Congress of European ORL-Head & Neck Surgery	Brussels, Belgium July 2019	HOPE - Humanitarian Outpatient Pediatric Endeavor
RHINOWORLD CHICAGO 2019 - American Rhinologic Society	Chicago, USA June 2019	Endoscopic Conjunctivo-dacryocystorhinostomy (CDCR): Case Series and Systematic Review
ERS 2018 27th Congress of the European Rhinologic Society	London, UK April 2018	Inferior Turbinate Reduction: Comparing Postoperative Bleeding between Different Surgical Techniques
ERS 2018 27th Congress of the European Rhinologic Society	London, UK March 2017	The Role of Naso-Septal Flap in Endoscopic Pituitary Surgery, The Role of Naso-Septal Flap in Endoscopic Pituitary Surgery
Contributed Talks, Posters and Abstracts		
Society of Interventional Oncology (SIO)	San Francisco, CA USA 2007	<u>Poster Presentation:</u> Hypnotherapy for Patients with Severe Dry Mouth Following Irradiation for Head & Neck Cancer



Refereed papers in conference proceedings		
none		

d.

Invited Professorships Institution	Grand Rounds Date	Title:
none		

10. Miscellaneous

Date	Membership
2015-present	Member of the Implementation Committee of the Camelion computerized records system, Galilee Medical Center
2019-present	Co-founder, committee director, and secretary of the Israeli Society of Facial and Neck Reconstructive Surgery
2009-present	Member of the Israel Medical Association and Examiner for the Otolaryngology specialization
2006-present	Member of the Israeli Head and Neck Oncology Society
2005-present	Member of the EAFPS – European Academy of Facial Plastic Surgery
2000-present	Member of the Israeli Otolaryngology, Head and Neck Surgery Society
2000-present	Israeli Medical Association
Date	Patent (Title, Status, Date)
	none
Date	Honors and Awards
2019	Bar-Ilan University Azrieli Faculty of Medicine, Safed Honorary Scholar Lecturer award
2018	Accepted the Moral Courage Award presented by the AJC Global Forum to the Galilee Medical Center for its role in saving the lives of patients fleeing Syria's civil war. For more details see: https://www.ajc.org/news/ajc-moral-courage-award-galilee-medical-center
2017	Honorary Scholar Lecturer award from the Bar-Ilan University Azrieli Faculty of Medicine, Safed, Israel



2016	Honorary Scholar Lecturer award from the Bar-Ilan University Azrieli Faculty of Medicine, Safed, Israel
2015	Honorary Scholar Lecturer award from the Bar-Ilan University Azrieli Faculty of Medicine, Safed, Israel
2007	Honorary Scholar Lecturer award from the Bruce Rappaport Faculty of Medicine, Technion, Israel
2006	Honorary Scholar Lecturer award from the Bruce Rappaport Faculty of Medicine, Technion, Israel
2005	Honorary Scholar Lecturer award from the Bruce Rappaport Faculty of Medicine, Technion, Israel

11. Public Scientific Activities Outside the University

From-To	Type of Activity or Appointment
2016-2020	Fundraising for the Galilee Medical Center, in various cities in the USA
2013-2019	Operation 'Good Neighbors' – Lectures on treating Syrian casualties to international groups

12. List of Publications

A. Hypothesis-driven clinical or basic research

- Har-Shai Y, Sela E, Rubinstien I, Lindenbaum ES, Mitz V, Hirshowitz B. Computerized morphometric quantitation of elastin and collagen in SMAS and facial skin and the possible role of fat cells in SMAS viscoelastic properties. *Plast Reconstr Surg*. 1998;102(7):2466-2470. doi:10.1097/00006534-199812000-00033
IF 4.209 22/210 (Surgery) Contribution: A, B, C, D
- Sela E, Fajer S, Karmeli R. Successful delayed revascularisation for renal artery occlusion. *Eur J Vasc Endovasc Surg*. 2002;23(1):79-81. doi:10.1053/ejvs.2001.1484
IF 5.328 8/210 (Surgery) Contribution: A, B, C, D
- Schiff E, Mogilner JG, Sela E, Doweck I, Hershko O, Ben-Arye E, Yarom N. Hypnosis for postradiation xerostomia in head and neck cancer patients: a pilot study. *J Pain Symptom Manage*. 2009;37(6):1086-1092.e1. doi:10.1016/j.jpainsymman.2008.07.005
IF 3.077 40/165 (Medicine, General & Internal) Contribution: A, B, C, D
- Jozaghi Y, Richardson K, Anand S, Mlynarek A, Hier MP, Forest V-I, Sela E, Tamilia M, Caglar D, Payne RJ. Frozen section analysis and sentinel lymph node biopsy in well differentiated thyroid cancer. *J Otolaryngol - Head Neck Surg*. 2013;42(1):48. doi:10.1186/1916-0216-42-48
IF 1.852 Rank: 17/42 (Otorhinolaryngology) Contribution: A, B, C, D



5. Saliba J, Payne RJ, Varshney R, Sela E, Maniakas A, Rahme E, Mlynarek A, Caglar D, Hier MP, Tamilia M. Sentinel Lymph Node Biopsy Status Correlates with Postoperative Stimulated Thyroglobulin Levels in Low-risk Papillary Thyroid Cancer Patients. *Endocr Pract.* 2014;20(5):399-404. doi:10.4158/EP13121.OR
IF 3.869 Rank: 43/143 (Endocrinology & Metabolism) Contribution: A, B, C, D
6. Gruber M, Sela E, Doweck I, Roitman A, Uri N, Srouji S, Cohen-Kerem R. The role of surgery in necrotizing otitis externa. *Ear Nose Throat J.* 2017;96(1):E16-E21.
IF 0.859 Rank: 38/42 (Otorhinolaryngology) Contribution: A, B, C, D
7. Jowett N, Hadlock TA, Sela E, Toth M, Knecht R, Lörincz BB. Facial mimetic, cosmetic, and functional standardized assessment of the facial artery musculomucosal (FAMM) flap. *Auris Nasus Larynx.* 2017;44(2):220-226. doi:10.1016/j.anl.2016.07.004
IF 1.436 Rank: 27/42 (Otorhinolaryngology) Contribution: A, B, C
8. Jahshan F, Sela E, Layous E, Levy E, Assadi N, Shilo E, Ibrahim N, Maayan D, Ronen O. Clinical criteria for CT scan evaluation of upper digestive tract fishbone. *Laryngoscope.* 2018. doi:10.1002/lary.27125
IF: 2.471, Rank: 7/42 (Otorhinolaryngology) Contribution: C, D
9. Abu Ammar A, Gruber M, Martin P, Stern O, Jahshan F, Ertracht O, Sela E, Srouji S, Zussman E. Local delivery of mometasone furoate from an eluting endotracheal tube. *J Control Release.* 2018;272:54-61. doi:10.1016/j.jconrel.2018.01.005
IF 7.877 9/261 (Pharmacology & Pharmacy) Contribution: C, D
10. Jahshan F, Ertracht O, Abu Ammar A, Ronen O, Srouji S, Apel-Sarid L, Eisenbach N, Atar S, Sela E, Gruber M. A novel rat model for assessment of laryngotracheal injury following transoral intubation. *Int J Pediatr Otorhinolaryngol.* 2018;113:4-10. doi:10.1016/j.ijporl.2018.07.012
IF: 1.159, Rank: 25/42 (Otorhinolaryngology) Contribution: A, D
11. Microvascular Committee of the American Academy of Otolaryngology-Head & Neck Surgery* Salvage laryngectomy and laryngopharyngectomy: Multicenter review of outcomes associated with a reconstructive approach. *Head Neck.* 2019;41(1):16-29. doi:10.1002/hed.25192
IF 2.538 Rank: 9/42 (Otorhinolaryngology) Contribution: A, B, C, D
*McGill University: Site Lead: Alex M Mlynarek, MD, MSc, FRCSC; Eyal Sela, MD; Badr Ibrahim, MD
12. Levy E, Sela E, Letichevsky V, Ronen O. Nationwide Survey of Intratympanic Steroids for the Management of Sudden Sensorineural Hearing Loss. *Isr Med Assoc J.* 2019;21(2):105-109. **IF 0.860 Rank: 129/165 (Medicine, General & Internal) Contribution: A, B, C, D**
13. Jahshan F, Sela E, Ronen O. Retrosternal goiter presenting as deep vein thrombosis of the arm. *Eur Ann Otorhinolaryngol Head Neck Dis.* 2019;136(4):309-311. doi:10.1016/j.anorl.2017.11.014
IF: 1.108, Rank: 29/42 (Otorhinolaryngology). Contribution: A, B, C, D
14. Jahshan F, Ertracht O, Eisenbach N, Daoud A, Sela E, Atar S, Abu Ammar A, Gruber M. A novel rat model for tracheal mucosal damage assessment of following long term intubation. *Int J Pediatr Otorhinolaryngol.*

- 2020;128:109738. doi:10.1016/j.ijporl.2019.109738
IF 1.241, Rank: 31/42 (Otorhinolaryngology) Contribution: A, C, D
15. Nahlieli O, Dar RA, Dror AA, Abba M, Sela E, Srouji S. Trans-implant treatment of chronic recurrent maxillary sinusitis via dynamic implants with an internal port: Experience with 31 cases. *Int J Oral Maxillofac Surg*. 2020;49(7):960-965. doi:10.1016/j.ijom.2020.01.025
IF: 1.961, Rank: 10/109 (Otorhinolaryngology). Contribution: B, C
16. Eisenbach N, Shqara RA, Sela E, Hana RY, Gruber M. The effect of an interventional program on the occurrence of medication errors in children. *Int J Pediatr Otorhinolaryngol*. 2020;138:110373. doi:10.1016/j.ijporl.2020.110373
IF 1.241 Rank: 31/42 (Otorhinolaryngology) Contribution: C, D
17. Dror AA, Taiber S, Sela E, Handzel O, Avraham KB. A mouse model for benign paroxysmal positional vertigo with genetic predisposition for displaced otoconia. *Genes, Brain Behav*. 2020. doi:10.1111/gbb.12635
IF: 3.157, Rank: 10/53 (Behavioral Sciences) 117/267 (Neurosciences). Contribution: A, B, C, D
18. Dror AA, Kassis Karayanni N, Adi O, Daoud A, Eisenbach N, Mizrachi M, Doaa R, Francis S, Layous E, Evgeni Gutkovich Y, Taiber S, Chordekar S, Srouji S, Goldstein S, Ziv Y, Ronen O, Gruber M, Avraham KB, Sela E. Auditory Performance in Recovered SARS-COV-2 Patients. *Otol Neurotol*. 2020;in press. **IF 1.712 Rank: 21/42 (Otorhinolaryngology) Contribution: A, B, C, D**
19. Dror AA, Eisenbach N, Marshak T, Layous E, Zigron A, Shivatzki S, Morozov NG, Taiber S, Alon EE, Ronen O, Zusman E, Srouji S, Sela E. Reduction of allergic rhinitis symptoms with face mask usage during the COVID-19 pandemic. *J Allergy Clin Immunol Pract*. 2020;8(10):3590-3593. doi:10.1016/j.jaip.2020.08.035
IF: 7.754 Rank: 18/158 (Immunology) Contribution: A, B, C, D
**The Global Preparedness Monitoring Board (conducted jointly by the World Health Organization and the World Bank) has now also [cited our work](#) in their annual pamphlet (see page 30). As the WHO continues to affirm vaccine hesitancy as one of the ten greatest threats to international health, our findings remain topical and compelling for future global policy decisions*
20. Dror AA, Eisenbach N, Taiber S, Morozov NG, Mizrachi M, Zigron A, Srouji S, Sela E. * Vaccine hesitancy: the next challenge in the fight against COVID-19. *Eur J Epidemiol*. 2020;35(8):775-779. doi:10.1007/s10654-020-00671-y
IF: 7.135 Rank: 9/193 (Public, Environmental & Occupational Health) Contribution: A, B, C, D
21. Goldstein E, Keidar D, Yaron D, Shachar Y, Blass A, Charbinsky L, Aharony I, Lifshitz L, Lumelsky D, Neeman Z, Mizrachi M, Hajouj M, Eisenbach N, Sela E, Weiss CS, Levin P, Benjaminov O, Bachar GN, Tamir S et al. COVID-19 Classification of X-ray Images Using Deep Neural Networks. *medRxiv*. 2020:2020.10.01.20204073. doi:10.1101/2020.10.01.20204073
Contribution: C, D
22. Dror AA, Layous E, Mizrachi M, Daoud A, Eisenbach N, Morozov NG, Srouji S, Avraham KB, Sela E. A lesson from COVID-19 on inaccessibility of web-based information for disabled populations worldwide. *bioRxiv*. 2020:2020.08.16.252676. doi:10.1101/2020.08.16.252676



- Contribution: A, B, C, D**
23. Oren D*, Dror AA*, Zoabi A, Kasem A, Tzadok L, Kablan F, Morozov NG, Safory E, Sela E, Srouji S. The impact of delayed surgical intervention following high velocity maxillofacial injuries. *Scientific Reports*. 2021; 14;11(1):1379. **IF 4.379 Rank: 17/73 (Multidisciplinary Sciences) Contribution: B, C, D | *These authors contributed equally**
 24. Dror AA, Morozov NG, Layous E, Mizrachi M, Daoud A, Eisenbach N, Rayan D, Kaykov E, Marei H, Barhum M, Srouji S, Avraham KB, Sela E. United by Hope, Divided by Access: Country Mapping of COVID-19 Information Accessibility and Its Consequences on Pandemic Eradication. *Frontiers in Medicine*. 2021; 27;7:618337. **IF 5.091 Rank: 28/168 (Medicine, General & Internal) Contribution: A, C, D**
 25. Zigron A*, Dror AA*, Morozov NG, Shani T, Haj Khalil T, Eisenbach N, Rayan D, Daoud A, Kablan F, Marei H, Sela E, Srouji S. COVID-19 Vaccine Acceptance Among Dental Professionals Based on Employment Status During the Pandemic. *Frontiers in Medicine*. 2021; 9;8:618403. **IF 5.091 Rank: 28/168 (Medicine, General & Internal) Contribution: A, B, C, D | *These authors contributed equally**
 26. Dror AA, Daoud A, Morozov NG, Layous E, Eisenbach N, Mizrachi M, Rayan D, Bader A, Francis S, Kaykov E, Barhoum M, Sela E. Vaccine hesitancy due to vaccine country of origin, vaccine technology, and certification. *Eur J Epidemiol*. 2021; 36(7):709-714 **IF 8.082 Rank: 12/203 (Public, Environmental & Occupational Health) Contribution: A, C, D**
 27. Keidar D, Yaron D, Goldstein E, Shachar Y, Blass A, Charbinsky L, Aharony I, Lifshitz L, Lumelsky D, Neeman Z, Mizrachi M, Hajouj M, Eizenbach N, Sela E, Weiss CS, Levin P, Benjaminov O, Bachar GN, Tamir S, Rapson Y, Suhami D, Atar E, Dror AA, Bogot NR, Grubstein A, Shabshin N, Elyada YM, Eldar YC. COVID-19 classification of X-ray images using deep neural networks. *Eur Radiol*. 2021; 29:1-10. **IF 5.315 Rank: 22/134 (Radiology, Nuclear Medicine & Medical Imaging) Contribution: B, C, D**
 28. Furth N, Shilo S, Cohen N, Erez N, Fedyuk V, Schragar AM, Weinberger A, Dror AA, Zigron A, Shehadeh M, Sela E, Srouji S, Amit S, Levy I, Segal E, Dahan R, Jones D, Douek DC, Shema E. Unified platform for genetic and serological detection of COVID-19 with single-molecule technology. *PLoS One*. 2021; 26;16(7):e0255096 **IF 3.240 Rank: 26/73 (Multidisciplinary Sciences) Contribution: B, C, D**



B. Clinical Descriptive Research (e.g. retrospective studies)

1. Ronen O, Sela E, Degabli L. The effect of bleeding on children's haemodynamic indices: an analysis of previous post-tonsillectomy bleeding cases. *J Laryngol Otol.* 2020;134(5):453-457.
doi:10.1017/S0022215120000328
IF 1.098 Rank: 34/42 (Otorhinolaryngology) Contribution: B, C
2. Eisenbach N, Matot S, Nemet A, Sela E, Marshak T, Ronen O. Sino-nasal outcome test-22: Cross-cultural adaptation and validation in Russian speaking patients. *Clin Otolaryngol.* 2020;45(3):350-356.
doi:10.1111/coa.13505
IF: 2.377, Rank: 11/42 (Otorhinolaryngology). Contribution: B, C
3. Shteinberg YH, Eisenbach N, Sela E, Gruber M, Ronen O. Translation and cultural adaptation of the Hebrew version of the Pediatric Sleep Questionnaire: a prospective, non-randomized control trial. *Sleep Breath.* 2020. doi:10.1007/s11325-020-02073-6
IF: 2.326, Rank: 38/63 (Respiratory Systems). Contribution: B, C
4. Ronen O, Cohen H, Sela E, Abu M. Differences in cytopathologist thyroid nodule malignancy rate. *Cytopathology.* 2020;31(4):315-320.
doi:10.1111/cyt.12841 **IF: 1.473, Rank: 53/76 (Pathology). Contribution: B, C, D**
5. Jahshan F, Sela E, Gruber M. Pneumothorax and Pneumomediastinum Complicating Pediatric Foreign Body Aspiration. *Ear Nose Throat J.* 2020;99(2):107-108. doi:10.1177/0145561318824225
IF 0.859, Rank: 38/42 (Otorhinolaryngology) Contribution: B, C, D
6. Jahshan F, Ronen O, Qarawany J, Markel B, Sberro A, Yeung W, Lahav Y, Layous E, Eisenbach N, Sela E, Marshak T. Inter-Rater Variability of Reflux Finding Score Amongst Otolaryngologists. *J Voice.* 2020.
doi:10.1016/j.jvoice.2020.07.021
IF: 1.453, Rank: 15/26 (Audiology & Speech Therapy). Contribution: C, D

C. Case reports

1. Lavee I, Najjar R, Ben-Meir P, Sela E, Kassif Y, Emodi O, Kogan L. Hyena Attack of a Child's Head and Face: Plastic Reconstructive Surgery Challenge. *Isr Med Assoc J.* 2017;19(2):123-124.
IF 0.860 Rank: 129/165 (Medicine, General & Internal) Contribution: A, B, C, D

D. Review Papers

1. Eisenbach N, Karni O, Sela E, Nemet A, Dror A, Levy E, Kassif Y, Ovadya R, Ronen O, Marshak T. Conjunctivodacryocystorhinostomy (CDCR) success rates and complications in endoscopic vs non-endoscopic approaches: a systematic review. *Int Forum Allergy Rhinol.* 2020. doi:10.1002/alr.22668
IF: 2.611 Rank: 7/42 (Otorhinolaryngology) Contribution: C, D

E. Publications with no Impact Factor (IF)

1. Ronen O, Assadi N, Sela E. High Velocity Penetrating Head and Neck Injuries of Syrian Civil War Casualties Treated in the Galilee Medical Center. *Harefuah*. 2017;156(5):315-317. **No IF Contribution: A, B, C**
2. Livingstone D, Alghonaim Y, Jowett N, Sela E, Mlynarek A, Forghani R. Silver nitrate mimicking a foreign body in the pharyngeal mucosal space. *World J Radiol*. 2015;7(5):100-103. doi:10.4329/wjr.v7.i5.100
No IF Contribution: A, B, C, D

13. Patents

None

14. Academic Profile

Main Research Interests and Achievements

While establishing the research institute at the Galilee Medical Center, we founded a research laboratory that quickly became an influential leader in scientific studies in general, and in otolaryngology in particular. To give only one of many examples, this institute developed a mouse-based model for the study of benign paroxysmal positional vertigo (BPPV or rotational vertigo). For the first time, this was used to demonstrate the mechanism through which crystals in the inner ear can cause vertigo in laboratory animals. The study, published in 2022 in *Genes Brain and Behavior*, received significant international attention and is already serving as a basis for follow-up studies examining various treatments for vertigo and bone resorption corresponding to vestibular injury. Our research laboratory does pioneering work in the neuro-otology field (hearing and balance) in Israel, and our facilities meet the gold standard for research in this field.

Our laboratory participated in the international effort to understand the morbidity of COVID-19 virus in the early days of the pandemic. We initiated a



study to evaluate auditory nerve function resulting from side effects evident in the nervous system following virus exposure. This study represents an important step in understanding the pathophysiological mechanisms of COVID-19 in humans, and an article describing its findings was recently accepted to the journal *Otology Neurotology*.

Our laboratory helps prepare medical students at the Bar-Ilan University Faculty of Medicine in Safed and medical center interns to complete their thesis studies. We are currently recruiting students for Master's and PhD degrees, after receiving several research grants in neurotology. The laboratory serves as a research platform for the Faculty's entire team of physicians. Since its establishment, the laboratory has promoted multiple collaborations between the Galilee Medical Center and Bar-Ilan University with other Israeli research institutes (Weizmann Institute of Science, Tel Aviv University, Tel Hashomer Medical Center, and the National Institute of Oceanography in Haifa, in conjunction with the Israeli Navy) and around the world (University of Washington, USA; Gulf Medical University UAE; University of Maryland, USA). This combination of uncompromising medical practice and groundbreaking research leads towards advanced medical training that will benefit people in the local community, throughout Israel, and around the world.

Significant Past Academic Achievements

Upon competing my residency in otolaryngology and head and neck surgery at the Carmel Hospital, I decided to continue my clinical training in the field of head and

neck tumors, with an emphasis on reconstructing facial structures following malignancy or trauma. I completed two years of clinical training and research at McGill University in Montreal, Canada, which is among the world's leading centers for this field. During my residency, I performed countless surgeries to remove tumors and did complex facial and neck reconstructions. After residency, I decided to return to Israel to share the knowledge I had gained with my community and country. I particularly wanted to work in the periphery, despite the fact that the most tempting offers came from leading medical centers in the country's center. Upon return to Israel, I was offered a position managing the Otolaryngology Department at the Galilee Medical Center. At that time, the department only dealt with a limited range of ear, nose, and throat treatments and surgeries. They primarily performed tonsillectomies, nasal septum repair surgeries, and a few types of ear surgeries. Head and neck surgeries, sinus surgeries, and complicated surgeries for children were all transferred to the Rambam Health Care Campus.

I saw this as a great challenge, equivalent to establishing a new department from the ground up. At the same time, it provided a terrific opportunity to fulfill my vision of providing top-quality medical services in Israel's periphery. Although I received many offers from medical centers in Haifa (where I reside), several from major hospitals in the country's center area, and even a position abroad, I knew that at the Galilee Medical Center I would be able to significantly contribute to the wellbeing of the regional population. Over several years at the Galilee Medical Center, I developed working relationships with the community and surrounding hospitals, and brought experts to the department who had been trained abroad. Of course, this was done with great support from the Galilee Medical Center's management. Within a relatively



short time, the Otolaryngology Department increased its activity by several orders of magnitude. It has expanded the services it provides in all fields of otolaryngology, including head and neck surgeries, reconstructions, complex skull base surgeries, sinus surgeries, complex surgeries for children and premature babies, hearing center services, and outpatient clinics.

During my first years managing this department, civil war broke out in Syria. Every day, dozens of patients arrived at our medical center from the war zones, with complex injuries to the face and neck. My department fully mobilized, in parallel and cooperation with other departments at the medical center, to treat the wounded from Syria. Together, we provided numerous therapeutic successes and were able to return them to their homeland, healthy and intact. We learned much from this difficult period, professionally and certainly personally as well. It emphasized that the medical profession is removed from foreign political considerations. We see only patients and their loved ones, as we vowed to do when we took the physicians' Hippocratic Oath.

Today, the Otolaryngology Department is ranked among the leading departments in Israel, and is one of the most sought-after places in Israel for otolaryngology residencies. The influx of patients to our department from around the country and even internationally, speaks for itself, and highlights the clinical excellence and the humane, personal treatment provided by the department's medical and nursing staff. Currently, the Otolaryngology Department at the Galilee Medical Center includes: a unit for oncological and benign surgeries of the head and neck; reconstructive facial surgery; a unit for nose and sinus disorders; a pediatric otolaryngology unit; a sleep laboratory; an array of ear surgery procedures; a swallowing and speech rehabilitation center; a vestibular center; an audiological


center. All this, and more, exists alongside excellent clinical training for interns, some of whom have already been integrated into leading centers as senior doctors.

Further, as head of the Otolaryngology Department at the Safed Faculty of Medicine of Bar-Ilan University, I strive to expand and deepen knowledge in medical treatment for nose, ear and throat disorders, ear, head and neck surgery, and in overlapping medical fields. This combination of clinical and scientific teaching means that this department, under my leadership, does not neglect basic and applied research, but reflects a unified understanding of science and medicine.

Future Research Goals

I plan to continue developing the research laboratory of the ENT department. Additionally, I intend to expand the department's capacities by providing new services within laryngology, neurotology, a vertigo clinic, and a hearing and balance laboratory, with an emphasis on the most recent and ongoing evidence-based medicine.

Essentiality to the faculty: Otolaryngology is vital to multiple medical fields, including pediatrics, surgery, internal medicine, infectious diseases, all of which are taught in this specialization. Students in Dr. Eyal Sela's department are exposed to the highest level of instruction. His department is the largest and accepts the most students. In addition, Dr. Sela has recruited senior doctors and high-level specialists, who are involved in teaching students, supervising theses, and managing research projects, with the support of the department.

חתימת הדיקן: 

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