

Curriculum Vitae & List of Publications

1. Personal Details

Name: Lahav Yonatan

Date and place of birth: September 11th, 1969, Israel

Marital status: Married, 3 children

Telephone number (Office): +972-3-7645464

E-mail address: yonatan.lahav@gmail.com

2. Academic Education

1992-1994: B.A. in Medical Science, Hebrew University Medical School, Jerusalem

1995-1998: M.D. Hebrew University Medical school, Jerusalem

Title of thesis: Dendritic cells in malignant melanoma of the uvea.

Supervisors: Prof. Yechiel Becker, Prof. Jacob Pe'er.

3. Professional Training

1999-2000: Internship, Kaplan Medical Center, Rehovot, Israel.

2000-2006: Residency, Otolaryngology Head and Neck Surgery.

Kaplan Medical Center, Rehovot, Israel.

Supervisor: Prof. Doron Halperin.

2007-2008: Fellowship in Laryngeal surgery.

Harvard University, Massachusetts General Hospital, Department of surgery,

Center for Laryngeal Surgery and Voice Rehabilitation, Boston MA, USA.

Supervisor: Prof. Steven M. Zeitels

4. Board Certification

2006: Otolaryngology-Head & Neck Surgery

5. Professional Licensing

- 2000: Medical License # 32794
- 2006: Specialty License #22647
- 2006: ECFMG certificate
- 2007-2008: Massachusetts Medical License

6. Employment History

- 2008-2014: Attending Physician, Department of Otolaryngology – Head and Neck Surgery, Kaplan Medical Center, Rehovot, Israel.
- 2015-2016: Vice chairman, Department of Otolaryngology – Head and Neck Surgery, Kaplan Medical Center, Rehovot, Israel.
- 2017- Present: Director, Laryngeal surgery unit, Department of Otolaryngology – Head and Neck Surgery, Kaplan Medical Center, Rehovot, Israel.
- 2009- Present: Director, Vocal cord surgery, airway and swallowing unit, A.R.M Medical Center, Assuta Hospital, Tel Aviv, Israel.

7. Academic Appointments

- 2005–2013: Clinical Instructor, Medical School, Hebrew University, Jerusalem.
- 2013–2018: Clinical Lecturer, Medical School, Hebrew University, Jerusalem.
- 2019- Present: Senior Clinical Lecturer, Medical School, Hebrew University, Jerusalem.

8. Editor or Member of Editorial Board or Reviewer of Scientific or Professional Journal

- 2005: Annals of Otolaryngology, Rhinology and Laryngology reviewer
- 2007-2011: The Laryngoscope reviewer

9. Membership in Professional/Scientific Societies

- 2000-Present: Israeli Medical Association
- 2001-Present: Israeli Association of Otolaryngology-Head and Neck Surgery
- 2009-Present: Israeli Society of Head and Neck Surgery and oncology
- 2014-Present: European Laryngological Society
- 2020-Present: Israeli Laryngological Society (Founder and Chairman)

10. Educational Activities

Academic Courses (Instruction courses, Lectures, Faculty Membership)

- 1994-1995: Instructor, Histology Course, 3rd year medical students, Faculty of Medicine, Hebrew University, Jerusalem, Israel
- 2007: Instructor and Course Faculty Member, Hands-on Cadaver Dissection Workshop & State-of-the-art Update on Laryngeal Framework Surgery. Massachusetts General Hospital Voice Center, Harvard medical school, Boston MA, USA.
- 2004-2019: Lecturer and Instructor at bedside, clinic and operating room: Courses in Laryngology and Sleep Apnea for 6th year medical student, Hadassah Medical School, Jerusalem, and Kaplan medical center, Rehovot, Israel
- 2007-2008: Instructor, Head and Neck Dissection courses for Speech & Language Pathology students, Harvard medical school, Boston MA, USA.
- 2009: Instruction course: Vocal Cord Surgery - Treatment Philosophy and New Surgical Approaches. The Israeli Society of Otolaryngology - Head & Neck Surgery, Annual meeting, Eilat, Israel.
- 2011: Instruction course: Advanced Techniques in Laryngeal Surgery. The Israeli Society of Otolaryngology - Head & Neck Surgery, Annual meeting, Eilat, Israel.
- 2011-2019: Lecturer and Faculty Member, Laryngology courses, Continuous Medical Education (CME) program for otolaryngology residents in Israel. Tel Aviv University
- 2014: Instruction course: Glottic Stenosis: Etiology, Pathogenesis and Surgical Management. The Israeli Society of Otolaryngology - Head & Neck Surgery, Annual meeting, Eilat, Israel.

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- 2016-2017: Courses in Laryngology and Sleep Apnea for 6th year medical students, Hadassah Medical School, Jerusalem, A.R.M Medical Center, Assuta Hospital, Tel Aviv. Lecturer and Instructor at bedside, clinic and operating room.
- 2017: International course Faculty Member and Lecturer, Laser Voice Surgery and Voice Care, Paris, France.
- 2017: Initiator, Director and Instructor of the 1st course for Trans-Oral Laryngeal Surgery for Israeli ENT surgeons, Kaplan Medical Center, Rehovot, Israel.
- 2018-Present: Courses in Laryngology for 6th year medical student, Faculty of Medicine, Ben Gurion University of the Negev, Beer Sheva, A.R.M Medical Center, Assuta Hospital, Tel Aviv. Lecturer and instructor at bedside, clinic and operating room.

Research students

Bachelor's degree thesis:

- 2013: Noa Granot & Adi Barda, bachelor's degree thesis in Biomedical Engineering: Vocal Cord Regeneration with CO2 Laser.
Tel Aviv University

MD thesis:

- 2014: Sharon Menker, MD thesis: Oral, Pharyngeal and Cervical Radiological Characteristics of Patients with an Esophageal Foreign Body Ingestion.
Hebrew University Medical School.
- 2015: Barak Meidan, MD thesis: The Consistency and Additive Value of Findings Observed by Narrow Band Imaging Compared with White Light in Glottic Malignant and Premalignant Lesions.
Hebrew University Medical School.
- 2016: Maya Driangle-Shats, MD thesis: The Immune Reaction to Vocal Cord Carcinoma Compared to the Reaction to Dysplasia and Benign Lesions.
Hebrew University Medical School.

- 2017: Iris Levy, MD thesis: Mu-Opioid Receptor Expression in Laryngeal Cancer and The Relation with Survival.
Hebrew University Medical School.
- 2018: Eden Arberboy, MD thesis: The Influence of Body Mass Index (BMI) on Laryngeal Fat Pads and Its Implication on Laryngeal Morphology and Airway Dimensions.
Hebrew University Medical School.

ENT Residency Research Projects:

- 2018: Yael Shapira-Galitz, MD. E.N.T residency research project: Association Between Laryngeal Sensation, Pre-swallow Secretions and Pharyngeal Residue on Fiberoptic Endoscopic Examination of Swallowing.
- 2019: Noam Bartov, MD. E.N.T residency research project: Long-Term Tracheostomy Complications, Imaging and Follow-up in Patients Requiring Prolonged Invasive Ventilation.
- 2019: Liron Malka-Yosef, MD. E.N.T residency research project: The Clinical Significance of Arytenoid Cartilage Sclerosis in Patients with Malignant Laryngeal Cancer.

Clinical & research fellowship program, Assuta medical center, Tel Aviv

- 2015: Hagit Shoffel-Havakuk, MD

Observational fellowship program, Kaplan medical center, Rehovot

- 2015-2016: Vladimir Trushin, MD
2016-2017: Inbal Hazkani, MD

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11. Additional Functions (Committee memberships, academic and administrative functions)

- 2008- Present: Director of research program in the Otolaryngology-Head and Neck surgery, Kaplan Medical Center, Rehovot.
- 2010- Present: Active participant in writing questions and conducting step A & B Otolaryngology National Board examinations.
- 2011-2016: Member of the Otolaryngology-Head & Neck surgery Board-exams Committee.
- 2013-2017: Treasurer and Committee Member of the Israeli Society for Head and Neck Surgery and Oncology.
- 2017-Present: Member of the Student Exchange Program Committee, Hebrew university, Medical School.
- 2014-2017: Organizing Committee & Faculty Member - The Annual meeting of the "Israeli Society for Head and Neck Surgery and Oncology".
Ramat Hagoshrim, Galilion Hotel, Israel.

12. Awards, Citations, Honors, Competitive Fellowships

Year, Granting institution, Name of award

- 2003, Hebrew University and Hadassah Medical School, Jerusalem: Outstanding Clinical Teacher.
- 2004, Hebrew University and Hadassah Medical School, Jerusalem. Kaplan Medical Center: Outstanding Resident for the Year.
- 2004, Hebrew University and Hadassah Medical School, Jerusalem: Outstanding Clinical Teacher.
- 2005, Hebrew University and Hadassah Medical School, Jerusalem: Outstanding Clinical Teacher.
- 2006, The Israeli Society of Otolaryngology - Head & Neck Surgery: Best Research Study of the year.
- 2006: "The Role of Ultra-Sound in diagnosis and treatment of Obstructive Sleep Apnea"
- 2008: The American Laryngological Association: Best Poster Presentation: "Initial Geographic Presentation of Glottal Dysplasia", presented at the 2008 meeting during COSM (Combined Otolaryngology Spring Meeting) in Orlando, Florida.
- 2014: Hebrew University and Hadassah Medical School, Jerusalem: Outstanding Clinical Teacher.
- 2015: Hebrew University and Hadassah Medical School, Jerusalem: Appearance in the Dean's List for Excellence in Teaching of medical students.
- 2016: Hebrew University and Hadassah Medical School, Jerusalem: Appearance in the Rector's List for Excellence in Teaching of medical students.

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2017: Hebrew University – Hadassah Medical School, Jerusalem: Faculty award for Excellence in Clinical Teaching.

2014-2019: Forbes magazine, appearance in special editions of “Best Doctors of the Year”.

13. Scientific Publications

Refereed articles in scientific journals

1. **Lahav, J.**^{PI}, Handzel, O.^C, Gertler, R.^C, Yehuda, M.^C, Halperin, D.^C (2005) Postauricular needle aspiration of subperiosteal abscess in acute mastoiditis. Ann Otol Rhinol Laryngol. 114(4):323-7. (1.384;21/42;16)
2. **Lahav, Y.**^{PI}, Rosenzweig, E.^C, Heyman, Z.^C, Doljansky, J.^C, Green, A.^C, Dagan, Y.^C (2009) Tongue base ultrasound: a diagnostic tool for predicting obstructive sleep apnea. Ann Otol Rhinol Laryngol. 118(3).179-84: (1.384;21/42;12)
3. **Lahav, Y.**^{PI}, Burns, JA.^C, Feinberg, S.^C, Heaton, JT.^C, Zeitels, SM.^C (2009) Initial anatomic geographic presentation of glottal dysplasia. Ann Otol Rhinol Laryngol. 118(5):321-5. (1.384;21/42;2;0)
4. Shoffel-Havakuk H^{PI}, Halperin D^C, Yosef L^C, Feldberg E^C, **Lahav Y**^{PI} (2014). Lesions of the posterior glottis: clinical and pathologic considerations and treatment outcome. J Voice. 28(2):263.e1-263.e8. (1.381; 22/42;1)
5. Shoffel-Havakuk H^{PI}, Halperin D^C, Yosef L^C, Haimovich Y^T, **Lahav Y**^{PI} (2015). The anatomic distribution of malignant and premalignant glottic lesions and its relations to smoking. Otolaryngol Head Neck Surg. 152(4):678-83. (2.276;10/42;4;3)
6. Shoffel-Havakuk H^{PI}, Halperin D^C, Haimovich Y^T, Raz Yarkoni T^S, Cohen O^C, Hain M^C, **Lahav Y**^{PI} (2015) Analysis of cigarette smoking mechanism by real time video-endoscopic documentation. Inhal Toxicol. 27(10):495-501. (1.751;68/92;1;0)

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7. Shoffel-Havakuk H^{PI}, Frumin I^{PI}, **Lahav Y^C**, Haviv L^C, Sobel N^C, Halperin D^C (2016). Increased number of volatile organic compounds over malignant glottic lesions. Laryngoscope.126(7):1606-11. (2.471;7/42;0)
8. Cohen O^{PI}, Tzelnick S^S, **Lahav Y^C**, Stavi D^C, Shoffel-Havakuk H^C, Hain M^C, Halperin D^C, Adi N^{PI} (2016). Feasibility of a single-stage tracheostomy decannulation protocol with endoscopy in adult patients. Laryngoscope. 126(9):2057-62. (2.471;7/42;2)
9. Shoffel-Havakuk H^{PI}, **Lahav Y (*,**)^{PI}**, Davidi ES^C, Haimovich Y^T, Hain M^C, Halperin D^C (2016). The Role of Separate Margins Sampling in Endoscopic Laser Surgery for Early Glottic Cancer. Acta Otolaryngol. 136(5):491-6. (1.116;28/42;0)
10. Shoffel-Havakuk H^{PI}, Cahanovitch S^S, Adi M^C, Cohen O^C, Haimovich Y^T, **Lahav Y(**)^{PI}**, Halperin D^C (2016). Cervical Osteophytes Increase the Risk for Foreign Body Impaction: A 171-Patient Case-Control Study. Dysphagia. 31(6):749-756. (2.077;12/42;0)
(Selected for front cover image, December 2016 issue of Dysphagia)
11. Shoffel-Havakuk H^{PI}, **Lahav Y(*,**)^{PI}**, Meidan B^S, Haimovich Y^T, Warman M^C, Hain M^C, Hamzany Y^C, Brodsky A^C, Landau-Zemer T^C, Halperin D^C (2016). Does narrow band imaging improve preoperative detection of glottic malignancy? A matched comparison study. Laryngoscope. doi:10.1002/lary.26263. [Epub ahead of print] (2.471;7/42;1)
(Selected for front cover image, April 2017 issue, The Laryngoscope).
12. Cohen O^{PI}, Warman M^{PI}, Fried M^S, Shoffel Havakuk H^C, Adi M^C, Halperin D^C. **Lahav Y^C** (2017). Volumetric Analysis of the Maxillary, Sphenoid and Frontal Sinuses: A Comparative Computerized Tomography Based Study. Auris Nasus Larynx, 2017 Mar 21 [Epub ahead of print]. (1.128;27/42;0)
13. Cohen O^{PI}, Shoffel-Havakuk H^{PI}, Warman M^C, Tzelnick S^S, Haimovich Y^T, Kohlberg G^C, Halperin D^C, **Lahav Y^{PI}**. Early and Late Recurrent Epistaxis Admissions: Patterns of Incidence and Risk Factors. Otolaryngol Head Neck Surg. 2017 Apr 1 [Epub ahead of print](2.276;10/42;0)

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14. Cohen O^{PI}, Tzelnick S^C, **Lahav Y**^C, Schindel D^C, Halperin D^C, Yehuda M^{PI}. Selection of Atypia/Follicular Lesion of Unknown Significance Patients for Surgery versus Active Surveillance, without Using Genetic Testing: a Single Institute Experience, Prospective Analysis and Recommendations. *Thyroid*, 2017 27(7):928-935. (5.515;18/138;0)
15. Cohen O^{PI}, Tzelnick S^S, Shapira Galitz Y^C, Shoffel-Havakuk H^C, Hain M^C, Halperin D^C, **Lahav Y**^{PI} (2017). Potential Causative Factors for Saccular Disorders: Association with Smoking and Other Laryngeal Pathologies. *J voice*, 2017 31(5):621-627. (1.381;22/42;0)
16. Shapira Galitz Y^{PI}, Shoffel-Havakuk H^{PI}, Cohen O^C, Halperin D^C, **Lahav Y**^{PI}. (2017) Adult Acute Supraglottitis - Analysis of 358 Patients for Predictors of Airway Intervention. *Laryngoscope*, 2017 127(9):2106-2112. (2.471;7/42;0)
17. Shoffel-Havakuk H^{PI}, Carmel-Neiderman NN^C, Halperin D^C, Levin D^C, Haimovich Y^T, Cohen O^C, Shapira Galitz Y^C, Abitbol J^C, **Lahav Y**^{PI}. Menstrual Cycle, Vocal Performance and Laryngeal Vascular Appearance: an Observational Study on 17 Subjects. *J. Voice*, 2018 Mar; 32(2):226-233. (1.381;22/42;0)
18. Cohen O^{PI}, Raz Yarkoni T^C, **Lahav Y**^C, Azoulay O^C, Halperin D^C, Yehuda M^{PI}. Surgeon Performed Thyroid Ultrasound – Proving Utility and Credibility in Selecting Patients for Fine Needle Aspiration According to the American Thyroid Association Guidelines. A Retrospective Study of 500 Patients. *Clin Otolaryngol*. 2018 Feb; 43(1):267-273. (2.523;6/42;0)
19. Shoffel-Havakuk H^{PI}, Cohen O^C, Slavin M^{PI}, Haimovich Y^T, Halperin D^C, **Lahav Y**^{PI}. Intravenous opioid drug abuse as an independent risk factor for supraglottic squamous cell carcinoma-A case-control study. *Clin Otolaryngol*. 2018 Apr;43(2):456-462. (2.523;6/42;0)
20. Cohen O, Shnipper R, Yosef L, Stavi D, Shapira-Galitz Y, Hain M, **Lahav Y**, Shoffel-Havakuk H, Halperin D, Adi N. Bedside percutaneous dilatational tracheostomy in patients outside the ICU: a single-center experience. *J Crit Care*. 2018 Oct; 47:127-132 .
21. Shapira-Galitz Y, Karp G, Cohen O, Halperin D, **Lahav Y**, Adi N. Evaluation and Predictors for Nasogastric Tube Associated Pressure Ulcers in Critically Ill Patients. *Isr Med Assoc J*. 2018 Dec;20(12):731-736 .

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22. Shapira-Galitz Y, Drendel M, Yousovich-Ulriech R, Shtreiffler-Moskovich L, Wolf M, **Lahav Y**. Translation and Validation of the Dysphagia Handicap Index in Hebrew-Speaking Patients. *Dysphagia*. 2019 Feb;34(1):63-72 .
23. Shapira-Galitz Y, Shoffel-Havakuk H, Halperin D, **Lahav Y**. Correlation Between Pharyngeal Residue and Aspiration in Fiber-Optic Endoscopic Evaluation of Swallowing: An Observational Study. *Arch Phys Med Rehabil*. 2019 Mar; 100(3):488-494 .
24. Shoffel-Havakuk H, O'Dell K, Johns MM 3rd, Reder L, Popova M, Halperin D, Feldberg E, **Lahav Y**. The rising rate of nonsmokers among laryngeal carcinoma patients: Are we facing a new disease? *Laryngoscope*. 2019 May 15. [Epub ahead of print]
25. Shapira-Galitz Y, Yousovich R, Halperin D, Wolf M, **Lahav Y**, Drendel M. Does the Hebrew Eating Assessment Tool-10 Correlate with Pharyngeal Residue, Penetration and Aspiration on Fiberoptic Endoscopic Examination of Swallowing? *Dysphagia*. 2019 Jun; 34(3):372-381 .
26. Cohen O, Zornitzki T, Yarkoni TR, **Lahav Y**, Schindel D, Halperin D, Yehuda M. Follow-up of large thyroid nodules without surgery: Patient selection and long-term outcomes. *Head Neck*. 2019 Jun;41(6):1696-1702 .
27. Cohen O, Shapira-Galitz Y, Shnipper R, Stavi D, Halperin D, Adi N, **Lahav Y**. Outcome and survival following tracheostomy in patients ≥ 85 years old. *Eur Arch Otorhinolaryngol*. 2019 Jun; 276(6):1837-1844 .
28. **Lahav Y**, Shats M, Huszar M, Haimovich Y, Warman M, Halperin D, Shoffel-Havakuk H. Local inflammatory reaction to benign, pre-malignant and malignant glottis lesions: A matched case-control study. *Clin Otolaryngol*. 2019 Jul; 44(4):628-638 .
29. Bartov N, **Lahav Y**, Lahav G, Zloczower E, Katzenell U, Halperin D, Hilly O, Shoffel-Havakuk H. Management of Acute Mastoiditis With Immediate Needle Aspiration for Subperiosteal Abscess. *Otol Neurotol*. 2019 Jul; 40(6):e612-e618.

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30. Cohen O, **Lahav Y**, Halperin D, Yehuda M. Surgeon-Performed Ultrasonographic Evaluation and Predication for Large Thyroid Nodules-A Case-Control Study. *Surgery*. 2019 Jul 30. [Epub ahead of print]
31. Shapira-Galitz Y, Shoffel-Havakuk H, Halperin D, **Lahav Y**. Association Between Laryngeal Sensation, Pre-swallow Secretions and Pharyngeal Residue on Fiberoptic Endoscopic Examination of Swallowing. *Dysphagia*. 2019 Aug; 34(4):548-555 .
32. Cohen O, Shnipper R, Stavi D, **Lahav Y**, Shoffel-Havakuk H, Halperin D, Adi N. Outcomes of prolonged mechanical ventilation in patients who underwent bedside percutaneous dilatation tracheostomy in intermediate care units - A single center study. *Respir Investig*. 2019 Nov;57(6):590-597 .
33. Cohen O, **Lahav Y**, Halperin D, Yehuda . Surgeon-Performed Ultrasonographic Evaluation and Predication for Large Thyroid Nodules-A Case-Control Study. *Surgery*. 2019 Dec;166(6):1148-1153.
34. Yariv O, Popovtzer A, Wasserzug O, Neiderman NC, Halperin D, **Lahav Y**, Lahav G, Yehuda M. Usefulness of ultrasound and fine needle aspiration cytology of major salivary gland lesions. *Am J Otolaryngol*. 2020 Jan-Feb;41(1)
35. Cohen O, Betito HR, Adi M, Shapira-Galitz Y, Halperin D, **Lahav Y**, Warman M. Development of the nasopharynx: A radiological study of children. *Clin Anat*. 2019 Nov 25.
36. **Lahav Y**^{PI}, Cohen O, Shapira-Galitz Y, Halperin D, Shoffel-Havakuk H. CO2 Laser Cordectomy Versus KTP Laser Tumor Ablation for Early Glottic Cancer: A Randomized Controlled Trial. *Lasers Surg Med*. 2019 Dec 11.
37. Warman M, **Lahav Y**, Huszar M, Hadad L, Halperin D, Cohen O. Down-Expression of Kinin Receptors in Allergic Nasal Polyps Epithelia: An Immunohistochemistry Study. *Otolaryngol Head Neck Surg*. 2020 Mar;162 (3):375-381.

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38. Gokhman D, Nissim-Rafinia M, Agranat-Tamir L, Housman G, García-Pérez R, Lizano E, Cheronet O, Mallick S, Nieves-Colón MA, Li H, Alpaslan-Roodenberg S, Novak M, Gu H, Osinski JM, Ferrando-Bernal M, Gelabert P, Lipende I, Mjunga D, Kondova I, Bontrop R, Kullmer O, Weber G, Shahar T, Dvir-Ginzberg M, Faerman M, Quillen EE, Meissner A, **Lahav Y**, Kandel L, Liebergall M, Prada ME, Vidal JM, Gronostajski RM, Stone AC, Yakir B, Lalueza-Fox C, Pinhasi R, Reich D, Marques-Bonet T, Meshorer E, Carmel L. Differential DNA methylation of vocal and facial anatomy genes in modern humans. *Nat Commun.* 2020 Mar 4;11(1):1189.
39. Tessler I, Adi M, Diment J, **Lahav Y**, Halperin D, Cohen O. Spontaneous neck hematoma secondary to parathyroid adenoma: a case series. *Eur Arch Otorhinolaryngol.* 2020 Apr 11. Online ahead of print.

Accepted for publication:

40. **Lahav Y** ^{PI}, Malka-Yosef L, Cohen O, Shapira-Galitz Y, Halperin D, Shoffel-Havakuk H. Vocal fold fat augmentation for atrophy, scarring & unilateral paralysis: long-term functional outcomes. *Otolaryngol Head Neck Surg.*
41. **Lahav Y** ^{PI}, Adi M, Arberboy-Eini E, Halperin D, Shoffel-Havakuk H, Cohen O. Relations between Body Mass Index, Laryngeal Fat Pads and Laryngeal Airway Configuration in Adult Men Population. *International Journal of Obesity*

Case Reports:

1. Ergas, D. PI , Abramowitz, Y. C , **Lahav**, J. C , Halperin, D. C , Stoecker, ZM. C (2006) Exertion dyspnea and stridor: an unusual presentation of localized laryngeal amyloidosis. *Isr Med Assoc J.* 8(1):73-4. (1.036;98/155;7)
2. Warman, M. PI, **Lahav**, J. C, Feldberg, E. C, Halperin, D. C (2007) Invasive tracheal aspergillosis treated successfully with voriconazole: clinical report and review of the literature. *Ann Otol Rhinol Laryngol.* 116(10):713-6. 116(10):713-6. (1.384;21/42;3)

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3. Davidi, S. PI , Warman, M. C, **Lahav, Y. C**, Halperin, D. C, (2010): Cerebellar Ischemia initially presented as Sudden Sensorineural Hearing Loss and Gaze Evoked Nystagmus. *Isr Med Assoc J.* 12(1):55-6. (1.036;98/155;2)
4. Lahav, G. C , **Lahav, Y.** PI, Ciobotaro, P. C, Ziv, N. C, Halperin, D. C (2011). Laryngeal Syphilis, a case report. *Arch Otolaryngol Head Neck Surg.* 137(3):294-297. (2.327;6/44;1)
5. Miller, EB. PI , Friedman, JA. C **Lahav, Y. C** Landau, Z. C (2011). Relapsing polychondritis and familial Mediterranean fever-an association. *Clin Rheumatol.*30(5):711-3. (2.365;19/30;2)
6. Cohen O PI, Yehuda M C, Adi M C, **Lahav Y C**, Halperin D C (2013) Spontaneous neck hematoma in a patient with fibromuscular dysplasia: a case report and a review of the literature. *Case Rep Otolaryngol.* Published online 2013 Sep 26. p. 352830 (X;X;0)
7. Bregman G, **Lahav Y**, Kishinevsky Y, Grinevich G, Ezri T, Dukhan A. Early postoperative seizures after vocal fold surgery attributed to shigellosis. *Anaesth Rep.* 2019 Jun 11;7(1):43-46.

Editorials and Invited Reviews and Other Reviews:

1. **Lahav Y**^{PI}, Shoffel-Havakuk^{PI} H, Halperin D^C (2015). Acquired Glottic Stenosis-The Ongoing Challenge: A Review of Etiology, Pathogenesis, and Surgical Management. *J Voice.* 29(5):646.e1-646.e10. Review article. (1.381;22/42;3)

Unrefereed Professional Articles and Publications:

1. **Lahav Y**^{PI}, Halperin D^C, Shoffel-Havakuk H^C. (2017) Vocal Fold Cordectomy Type I (ELS classification) for Carcinoma In Situ of the Vocal Fold Using Carbon Dioxide Laser. *Csurgeries.com*, DOI: 10.17797/201703235.

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14. Lecture and Presentations at National and International Meetings

1. Jan 05: Surgery for snoring and obstructive sleep apnea. Department for Oral and Maxillofacial Surgery in Barzilai Medical Center, Ashkelon.
2. Feb 06: Surgery for snoring and obstructive sleep apnea. Otolaryngology-head and neck department, Shaare Zedek Medical Center, Jerusalem.
3. Dec 08: An overview of laryngeal trauma. Trauma forum, kaplan medical center, Rehovot.
4. Feb 09: Vocal cord Surgery - Treatment Philosophy and New Surgical Approaches. The Israeli speech hearing and language association (ISHLA) annual meeting, Tel Aviv.
5. Feb 09: The mutual role of otolaryngologist and the speech & language pathologist in treating patients with voice disorders. Annual meeting of otolaryngologists & Speech language pathologists, Clalit health services, Rehovot, Israel.
6. Mar 09: New treatment approaches for vocal cord cancer. Israel Cancer Association, Tel Aviv.
7. Apr 09: Diagnosis and treatment of benign & malignant vocal cord lesions – an update. Otolaryngology-Head and Neck surgery department, Sapir Medical Center, Kfar Sava.
8. Nov 12: Ramot, Israel: early glottic cancer – managing complications of treatment
9. Apr 15: Advances in the laser treatment of laryngeal cancer. Grand round, surgical division, Kaplan medical center, rehovot.
10. Nov 15: Diagnosis of laryngeal pathologies and laryngeal surgery techniques. Otolaryngology department, Soroka medical center, Be'er Sheva.
11. June 2017: Reinke's space edema in women – why? Paris, France. "Laser voice surgery and voice care".
12. Sep 2017: "spread the light". The first Israeli course for trans oral laser surgery. A TED format lecture, clalit health services, the annual quality meeting.
13. Nov 2017: Unilateral vocal cord paralysis – etiology, diagnosis, treatment options. Part of the CME course for otolaryngology residents, Tel Aviv University.
14. Jan 2018: Vocal cord cancer – treatment options and prognosis. Part of the CME course for otolaryngology residents, Tel Aviv university.

Round tables Discussions:

1. Apr 11: Surgery for vocal cord lesions in children. The international voice day confererence, Shiba Medical Center, Tel Hashomer, Israel.
2. Sep 11: Supraglottic Edema, round table. Otolaryngology-Head and Neck surgery department, Nazareth, Israel.

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3. Mar 12: Eilat, Israel: Surgical management for obstructive sleep apnea.
4. Nov 12: Ramot, Israel - Early glottic cancer – presentation of cases and management.
5. Nov 12: Ramot, Israel - Conservative surgery following chemoradiotherapy for laryngeal cancer (**Moderator**).
6. Nov 15: Hagoshrim, Israel – presentation and discussion of early glottic cancer cases (**Moderator**).
7. May 16: Kefar Blum, Israel – the role of drug induced sleep endoscopy in surgical decisions in obstructive sleep apnea patients.
8. Nov 17: Galilyon, Israel – How (not) to do it. Presentation and discussion about complicated oncologic cases (**Moderator**).

International Oral presentations:

1. Sep 2004: **Lahav Y.**, Handzel O., Gertler R. Yehuda M., Halperin D. Changing trends in the treatment of acute mastoiditis. American Academy of Otolaryngology – Head and Neck Surgery Annual Meeting, New York, New York.
2. Sep 2012: Percutaneous dilatational tracheostomy in non-ICU wards. Hain M, Adi N, Polishuk Y, **Lahav Y**, Halperin D. the American Academy of Otolaryngology—Head and Neck Surgery Foundation Annual Meeting & OTO EXPO, in Washington DC.
3. April 2014: Shoffel-Havakuk H, Halperin D, Yosef L, Haimovich Y, **Lahav Y**: The Anatomic Distribution of Glottic Dysplasia and Squamous Cell Carcinoma (SCC) and its Relation to Smoking. the 10th Congress of The European Laryngological Society (ELS), Antalya, Turkey.
4. April 2014: **Lahav Y**, Halperin D, Shoffel-Havakuk H: Laser surgery in the operating room and in the office: 5 years' experience with 130 early glottic cancer patients. 10th Congress of The European Laryngological society (ELS), Antalya, Turkey
5. September 2014: Shoffel-Havakuk H, Halperin D, Yosef L, **Lahav Y**: The Anatomic Location and Distribution Pattern of Malignant and Pre-Malignant Glottic Lesions. The American Academy of Otolaryngology—Head and Neck Surgery Foundation Annual Meeting & OTO EXPO in Orlando, Florida.

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6. September 2014: Shoffel-Havakuk H, Halperin D, Yosef L, **Lahav Y**: Narrow Band Imaging (NBI): Demonstration of Laryngeal Micro-Vascularization in Normal and Pathological Conditions. The American Academy of Otolaryngology—Head and Neck Surgery Foundation Annual Meeting & OTO EXPO in Orlando, Florida.
7. September 2014: Shoffel-Havakuk H, Halperin D, Yosef L, **Lahav Y**: Trans-Nasal Office Based Laryngeal Surgery Using a Distal-Chip Endoscope With a Working Channel. the American Academy of Otolaryngology—Head and Neck Surgery Foundation Annual Meeting & OTO EXPO in Orlando, Florida.
8. October 2015: Shoffel-Havakuk H, Halperin D, Haimovich Y, Raz Yarkoni T, Cohen O, Hain M, **Lahav Y**: Analysis of Cigarette Smoking Mechanism by Real-Time Video-Endoscopic Documentation the 2015 Fall Voice Conference in Pittsburgh, Pennsylvania.
9. April 2015: shoffel-Havakuk H, Frumin I, **Lahav Y**, Haviv L, Sobel N, Halperin D: Increased Number of Volatile Organic Compounds in the Mucous Covering Malignant Vocal Fold Lesions. The American Laryngological Association's 2015 Spring Meeting at COSM in Boston, Massachusetts.
10. May 2016: Shoffel-Havakuk H, **Lahav Y**, Meidan B, Haimovich Y, Warman M, Hain M, Hamzany Y, Brodsky A, Landau-Zemer T, Halperin D. Does Narrow Band Imaging Improve Preoperative Detection of Glottic Malignancy? A Matched Comparison Study. The American Laryngological Association's 2016 Spring Meeting at COSM in Chicago, Illinois.
11. September 2016: Shoffel-Havakuk H, Carmel-Neiderman NN, Halperin D, Levin D, Haimovich Y, Cohen O, Shapira Galitz Y, Abitbol J, **Lahav Y**: Menstrual Cycle Effects on Vocal Folds Appearance and Performance. The American Academy of Otolaryngology—Head and Neck Surgery Foundation Annual Meeting & OTO EXPO in San-Diego, California.
12. April 2017: **Lahav Y**, Shats M, Huszar M, Haimovich Y, Warman M, Halperin D, Shoffel-Havakuk H.: Local Inflammatory Reaction to Benign, Premalignant and Malignant Laryngeal Lesions. The American Laryngological Association's 2017 Spring Meeting at COSM in San-Diego, California.

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International Poster Presentations:

1. Jun 06: Surgery, Sleep and Breathing II Symposium, Chicago, Illinois: "The role of Ultra-Sound in diagnosis & treatment of Obstructive Sleep Apnea.
2. May 08: American Laryngological Assosiation meeting in COSM, Orlando, Florida: "Initial Geographic Presentation of Glottal Dysplasia".
3. October 2015: Shoffel-Havakuk H, **Lahav Y**, Davidi ES, Haimovich Y, Hain M, Halperin D: The Role of Separate Margins Obtaining in Endoscopic Laser Surgery for Early Glottic Cancer. The 2015 Fall Voice Conference in Pittsburgh, Pennsylvania.
4. May 2016: Shoffel-Havakuk H, Cahanovitc S, Adi M, Cohen O, Haimovich Y, **Lahav Y**, Halperin D: Cervical Osteophytes Increase the Risk for Foreign Body Impaction: A 171 Patient Case-Control Study. The American Laryngological Association's 2016 Spring Meeting at COSM in Chicago, Illinois.
5. October 2016: Cohen O, Tzelnick S, Shapira Galitz Y, Shoffel-Havakuk H, Hain M, Halperin D, **Lahav Y**. Smoking and Vocal Folds' co-morbidities among Patients with Saccular Disorders. The 2016 Fall Voice Conference, Scottsdale, Arizona.

Instruction Courses:

1. Mar 09: Eilat, Israel, The Israeli Society of Otolaryngology - Head & Neck Surgery, Annual meeting: "Vocal cord Surgery - Treatment Philosophy and New Surgical Approaches"
2. Mar 11: Eilat, Israel, The Israeli Society of Otolaryngology - Head & Neck Surgery, Annual meeting: "Advanced techniques in Laryngeal Surgery"
3. Mar 14: Eilat, Israel, The Israeli Society of Otolaryngology - Head & Neck Surgery, Annual meeting: "Glottic stenosis: etiology, pathogenesis and surgical management."
4. Feb 2017: The 1st Israeli course for endoscopic laser surgery, Kaplan medical center, Rehovot, Israel.
5. Endoscopic laser for early glottic cancer.
6. Workshop - overview of laser types and modalities.
7. Workshop – laser dissection of cadaveric porcine larynx.

Oral presentations in National meetings, The Israeli Society of Otolaryngology

Head & Neck Surgery:

1. Nov 02: Tel Aviv, Israel: "Langerhans cell Histiocytosis of the temporal bone".
2. Mar 02: Eilat, Israel: "Tympanoplasty in the pediatric population".
3. Nov 03: Tel Aviv, Israel: "Minimally invasive management of subperiosteal abscess in acute mastoiditis".
4. Mar 03: Eilat, Israel: "Bilateral Papillary Carcinoma of the Thyroid".
5. Mar 04: Eilat, Israel: "Deep neck infections".
6. Dec 05: Tel Aviv, Israel: "Acute hearing loss after spinal anesthesia".
7. Dec 05: Tel Aviv, Israel: "Surgical treatment for OSA and snoring".
8. May 08: Tel Aviv, Israel: "The state of the art in phonomicrosurgery for benign and malignant diseases".
9. Mar 10: Petah Tikva, Israel: "Treatment strategy for glottic cancer involving the anterior commissure"
10. Mar 12: Eilat, Israel: Laser surgery for early glottic cancer.
11. March 14: Eilat, Israel: Office based laryngeal surgery using the distal chip endoscope and the working channel.
12. March 14: Eilat, Israel: the utility of narrow band imaging in the diagnosis and treatment of vocal cord lesions.
13. March 16: Eilat, Israel: Does Narrow Band Imaging Improve Preoperative Detection of Glottic Malignancy? A Matched Comparison Study.

15. Competitive and Non-Competitive Research Grants

2012, The Ministry of Economy and Industry, Israel Innovation Authority (The Office of the Chief Scientist).

Laryngoport - Flexible laryngeal microsurgery tools

Grant: 2,500,000 NIS, Research and development files No: 47176, 52953

Inventors: Yonatan Lahav M.D., Moshe Hain M.D, Otolaryngology Department,

Medical Center: Kaplan Medical Center

Field of Invention: Flexible laryngeal microsurgery tools

Technology: New generation of articulating tools enables the development of a platform of flexible micro-tools for use in non-aggressive laryngeal microsurgery.