

ANTON WARSHAVSKY

MEDICAL EDUCATION

Fellowship Head & Neck surgical oncology Microvascular reconstruction Trans-oral robotic surgery Beth Israel Deaconess medical center (BIDMC) Harvard University Boston, USA	07/2022-07/2023
Senior physician Otolaryngology – Head & Neck Surgery, Sourasky Medical Center, Tel Aviv, Israel	03/2021- 06/2022
Specialist in otolaryngology, head and neck surgery (L.N. 1-41706)	03/2021
Residency Otolaryngology – Head & Neck Surgery, Sourasky Medical Center, Tel Aviv, Israel	03/2015- 03/2021
Cadaveric sinus surgery course	09/2019
Temporal bone dissection course	05/2019
ATLS and ACLS courses	12/2017
Good Clinical Practice (GCP)	07/2015
License to practice medicine in Israel (L.N. 1-128787)	12/2014
Internship: Hillel Yaffe Medical Center, Hadera, Israel	11/2013-11/2014
Sackler School of Medicine A Graduate of the Medical Faculty of Tel-Aviv University, Tel Aviv, Israel	10/2007- 09/2013

ARTICLES IN PEER-REVIEW SCIENTIFIC JOURNALS

1. Warshavsky A, Eilam A, Gilad R.
Lamotrigine as monotherapy in clinical practice: efficacy of various dosages in epilepsy.
Brain Behav. 2016;6(3):e00419.
2. Abu-Ghanem S*, Warshavsky A*, Carmel NN, Abu-Ghanem Y, Abergel A, Fliss DM,
Yehuda M.

*Equal Contribution.

Predictive factors for perioperative blood transfusion in neck dissection.
Laryngoscope. 2016;126(4):851-7.

3. Horowitz G*, Warshavsky A*, Fridman O, Yanko R, Raiser V, Gur E, Fliss DM, Zaretski A.

*Equal Contribution.

Balsa wood for precise intra-operative bone contouring in fibula free-flap mandible reconstruction.

Eur Arch Otorhinolaryngol. 2019;276(8):2339-43.

4. Wengier A, Ram Z, Warshavsky A, Margalit N, Fliss DM, Abergel A.
Endoscopic skull base reconstruction with the nasoseptal flap: complications and risk factors.
Eur Arch Otorhinolaryngol. 2019;276(9):2491-8.

5. Warshavsky A, Rosen R, Nard-Carmel N, Abu-Ghanem S, Oestreicher-Kedem Y, Abergel A, Fliss DM, Horowitz G.
Assessment of the Rate of Skip Metastasis to Neck Level IV in Patients With Clinically Node-Negative Neck Oral Cavity Squamous Cell Carcinoma: A Systematic Review and Meta-analysis.
JAMA Otolaryngol Head Neck Surg. 2019;145(6):542-8.

6. Warshavsky A, Fliss DM, Frenkel G, Kupersmidt A, Moav N, Rosen R, Sechter M, Shapira U, Abu-Ghanem S, Yehuda M, Zaretski A, Yanko-Arzi R, Reiser V, Horowitz G.
Long-term health-related quality of life after mandibular resection and reconstruction.
Eur Arch Otorhinolaryngol. 2019;276(5):1501-8.

7. Warshavsky A, Fliss DM, Frenkel G, Kupersmidt A, Moav N, Rosen R, Sechter M, Shapira U, Abu-Ghanem S, Yehuda M, Zaretski A, Yanko-Arzi R, Reiser V, Horowitz G.
Quality of life after mandibulectomy: the impact of the resected subsite.
Int J Oral Maxillofac Surg. 2019;48(10):1273-8..

8. Carmel-Neiderman NN, Duek I, Amsterdam D, Wengier A, Kuzmenko B, Ringel B, Warshavsky A, Shapira U, Horowitz G, Izkhakov E, Fliss DM.
Total thyroidectomy with therapeutic level II-IV neck dissection for papillary thyroid carcinoma: level VI recurrence patterns.
Eur Arch Otorhinolaryngol. 2020;277(12):3449-55.

9. Warshavsky A, Rosen R, Perry C, Muhanna N, Ungar OJ, Carmel-Neiderman NN, Fliss DM, Horowitz G.
Core needle biopsy for diagnosing lymphoma in cervical lymphadenopathy: Meta-analysis.
Head Neck. 2020;42(10):3051-60.

10. Warshavsky A, Shivatzi S, Kampel L, Leider-Trejo L, Shapira U, Muhanna N, Ungar OJ, Fliss DM, Kaplan I, Horowitz G.
The Effect of Diathermy Power Settings on Oral Cavity Mucosal Contraction: A Rat Model.
Laryngoscope. 2021;131(5):E1514-8.
11. Ungar OJ, Oron Y, Cavel O, Handzel O, Warshavsky A, Horowitz G, Matot S.
Case Series and Systematic Review of Treatment Outcomes for Auricular Pseudocysts.
Otol Neurotol. 2021;42(5):774-82.
12. Carmel-Neiderman NN, Mizrachi A, Yaniv D, Vainer I, Muhanna N, Abergel A, Izhakov E, Robenshtok E, Warshavsky A, Ringel B, Ungar OJ, Bachar G, Shpitzer T, Hirsch D, Fliss DM, Horowitz G.
Prophylactic central neck dissection has no advantage in patients with metastatic papillary thyroid cancer to the lateral neck.
J Surg Oncol. 2021;123(2):456-61.
13. Horowitz G, Ish-Shalom M, Warshavsky A, Stern N, Fliss DM, Comaneshter D, Vinker S.
Thyroid function control among pregnant women following a therapeutic thyroidectomy.
Clin Otolaryngol. 2021;46(3):515-21.
14. Ungar OJ, Handzel O, Oron Y, Warshavsky A, Horowitz G, Yafit D, Abu Eta R, Muhanna N, Shilo S.
Weber test accuracy in sudden sensorineural hearing loss: which frequency is best?
Acta Otolaryngol. 2021;141(5):502-5.
15. Warshavsky A, Rosen R, Muhanna N, Ungar O, Nard-Carmel N, Abergel A, Fliss DM, Horowitz G.
Rate of Occult Neck Nodal Metastasis in Parotid Cancer: A Meta-Analysis.
Ann Surg Oncol. 2021;28(7):3664-71.
16. Ungar OJ, Handzel O, Oron Y, Eta RA, Muhanna N, Warshavsky A, Horowitz G, Simani L.
The Actual Incidence and Types of Hearing Losses in Bullous Myringitis: Case Series and Systematic Review.
Otol Neurotol. 2021;42(7):1008-13.
17. Ungar OJ, Wengier A, Cavel O, Abergel A, Safadi A, Warshavsky A, Horowitz G, Handzel O, Oron Y, Shilo S.
Does Sinusitis Affect Lateralization of a Tuning Fork Weber Test?
Otol Neurotol. 2021;42(6):792-8.

18. Warshavsky A, Rosen R, Nard-Carmel N, Muhanna N, Ungar O, Abergel A, Fliss DM, Horowitz G.
Outcomes of Tracheal Resections in Well-Differentiated Thyroid Cancer-A case series and meta-analysis.
World J Surg. 2021;45(9):2752-8.
19. Simani L, Shilo S, Oron Y, Eta RA, Handzel O, Muhanna N, Warshavsky A, Horowitz G, Ungar OJ.
Residual Perforation Risk Assessment of Intratympanic Steroids via Tympanostomy Tube Versus Transtympanic Injections.
Laryngoscope. 2021;131(9):E2583-91.
20. Simani L, Oron Y, Handzel O, Eta RA, Warshavsky A, Horowitz G, Muhanna N, Ungar OJ.
Paper Patching Versus Watchful Waiting of Traumatic Tympanic Membrane Perforations: A Meta-Analysis.
Laryngoscope. 2021;131(9):2091-7.
21. Kampel L, Dorman A, Horovitz G, Warshavsky A, Gutfeld O, Muhanna N.
The role of parotidectomy for advanced cutaneous squamous cell carcinoma of the head and neck.
Eur Arch Otorhinolaryngol. 2021;278(10):3955-63.
22. Hibscher D, Oron Y, Handzel O, Warshavsky A, Horowitz G, Ungar OJ.
Validation of a smartphone-based Rinne test to detect an air-bone gap.
Eur Arch Otorhinolaryngol. 2021; 278(12):4767-73.
23. Carmel Neiderman NN, Duek I, Ravia A, Yaka R, Warshavsky A, Ringel B, Muhanna N, Horowitz G, Ziv Baran T, Fliss DM.
The incidence of postoperative re-stratification for recurrence in well-differentiated thyroid cancer-a retrospective cohort study.
Gland Surg. 2021;10(8):2354-67..
24. Ungar OJ, Baris H, Oron Y, Shilo S, Handzel O, Warshavsky A, Horowitz G, Abu Eta R, Muhanna N, Carmel Neiderman NN.
Meta-analysis of time to extrusion of tympanostomy tubes by tympanic membrane quadrant.
Clin Otolaryngol. 2021;46(6):1165-71.
25. Neiderman NNC, Baris H, Duek I, Warshavsky A, Ringel B, Izhakov E, Horowitz G, Fliss DM.
Lateral Neck Dissection for Well-Differentiated Thyroid Carcinoma: Is Prophylactic Level V Neck Dissection Necessary? A Retrospective Cohort Study.
Ear Nose Throat J. 2021 Apr 29;1455613211003805. doi: 10.1177/01455613211003805.
Epub ahead of print.

26. Duek I, Oron Y, Handzel O, Abu Eta R, Muhanna N, Warshavsky A, Horowitz G, Ungar OJ.
To patch or not to patch acute isolated traumatic tympanic membrane perforations: a case series and systematic literature review.
Eur Arch Otorhinolaryngol. 2021 Nov 24. doi: 10.1007/s00405-021-07185-7. Epub ahead of print.
27. Horowitz G, De Almeida JR, Berania I, Goldstein DP, Köhler HF, Kowalski LP, Matos LL, Brenner-Ullman A, Fliss DM, Muhanna N, Halpern D, Nard-Carmel N, Ungar OJ, Warshavsky A.
Achieving negative resection margins in oral cavity cancer with masticator space involvement-Is it feasible? An international collaborative study.
Head Neck. 2021 Nov 29. doi: 10.1002/hed.26943. Epub ahead of print.
28. Simani L, Oron Y, Handzel O, Eta RA, Warshavsky A, Horowitz G, Muhanna N, Ungar OJ.
Evaluation of the Quality of Online Information on Sudden Sensorineural Hearing Loss.
Otol Neurotol. 2022;43(2):159-64.
29. Warshavsky A, Rosen R; Neuman U, Nard-Carmel N, Shapira U, Trejo L, Fliss DM, Horowitz G.
Accuracy of Pathology Reports on Neck Dissection Specimens: A Retrospective Case Series Study.
IMAJ. 2022..
30. Carmel-Neiderman NN, Chason M, Wengier A, Wasserzug O, Cavel O, Horowitz G, Ringel B, Warshavsky A, Oestreicher-Kedem Y.
Endoscopic posterior cordotomy for treatment of dyspnea due to vocal fold immobility.
Multidiscip Respir Med. 2020;15(1):35.
31. Carmel-Neiderman NN, Safadi A, Wengier A, Ziv-Baran T, Warshavsky A, Ringel B, Horowitz G, Fliss DM, Abergel A.
The Role of Imaging in the Preoperative Assessment of Patients with Nasal Obstruction and Septal Deviation-A Retrospective Cohort Study.
Int Arch Otorhinolaryngol. 2021;25(2):e242-8.
32. Warshavsky A, Horowitz G, Yehuda M, Muhanna N, Zaretski A, Yanko Arzi R, Reiser V, Fliss DM.
[PREOPERATIVE THREE-DIMENSIONAL PLANNING FOR COMPLEX HEAD AND NECK RECONSTRUCTION].
Harefuah. 2020;159(1):88-92. Hebrew
33. Shapira U*, Warshavsky A*, Muhanna N., Oestreicher-Kedem, Y., Nachalon, Y, Ungar,O.J , Safadi A, Carmel-Neiderman NN ,Horowitz, G.

***Equal Contribution**

Laryngectomy-free survival after salvage partial laryngectomy: a systematic review and meta-analysis. *European Archives of Oto-Rhino-Laryngology*, 1-7.

34. Warshavsky A, Oz I, Muhanna N, Ungar OJ, Nard-Carmel N, Chaushu H, Mizrachi A, Ianculovici C, Kleinman S, Horowitz G..
The rate of occult nodal metastasis in submandibular gland malignancies: A case series and meta-analysis. *Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology* Feb.2022
35. Carmel Neiderman NN, Eisenberg N, Caspi I, Halevy N, Shpigel I, Ziv Baran T, Horowitz G, Ringel B, Warshavsky A, Abergel A.
The effect of septal deviation on postoperative quality of life in patients undergoing radiofrequency-assisted turbinate reduction. *Laryngoscope Investig Otolaryngol*. 2022 Feb .
36. Carmel Neiderman NN, Duek I, Kuzmenko B, Ringel B, Warshavsky A, Muhanna N, Horowitz G, Fliss DM.
Histopathological Characteristics of N1b Papillary Thyroid Carcinoma are Associated with Risk of Recurrence *World J Surg*. 2022 Aug
37. Chavkin U, Pitaro J, Gavriel H, Taha A, Muallem Kalmovich L, Shilo S, Handzel O, Muhanna N, Warshavsky A, Horowitz G, Ungar OJ
The impact of eustachian tube function on intra-tympanic steroid administration *Eur Arch Otorhinolaryngol*. 2022 Jun
38. Shapira U, Handzel O, Muhanna N, Oron Y, Abu Eta R, Horowitz G, Warshavsky A, Ungar OJ.
Is tympanic infrared thermometry valid in non-naive tympanic membranes? *Eur Arch Otorhinolaryngol*. 2022 Jun
39. Masarwy R, Kampel L, Ungar OJ, Warshavsky A, Horowitz G, Rosenzweig E, Tauman R, Muhanna N.
The impact of thyroidectomy on obstructive sleep apnea: a systematic review and meta-analysis *Eur Arch Otorhinolaryngol*. 2022 Jun .

CHAPTERS IN BOOKS:

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- Gilad Horowitz; Anton Warshavsky; Ahmad Safadi; Avraham Abergel and Dan M. Fliss;
Pediatric maxillectomy
In: Fliss DM, DeRowe A, eds. *Atlas of Pediatric Head & Neck and Skull Base Surgery*. Thieme, 2019.

POSTER PRESENTATIONS IN INTERNATIONAL CONFERENCES:

- AHNS 2021 Laryngectomy-Free Survival after Salvage Partial Laryngectomy: A Systematic Review and A Meta-analysis

ORAL PRESENTATIONS IN INTERNATIONAL CONFERENCES:

- The Israeli Society of Otolaryngology/ Head and Neck Surgery Annual Meeting 2022 The Effect of Diathermy Power Settings on Oral Cavity Mucosal Contraction: A Rat Model
- The Israeli Society of Otolaryngology/ Head and Neck Surgery Annual Meeting 2022. Achieving negative resection margins in oral cavity cancer with masticator space involvement-Is it feasible? An international collaborative study.
- The Israeli anesthesiology annual meeting Nov 2021 Emergency AW management simulation invited speaker
- AHNS 2020 The Effect of Diathermy Power Settings on Oral Cavity Mucosal Contraction: A Rat Model (Canceled conference due to COVID-19)
- ANHS 2019 Annual Meeting Held during the Combined Otolaryngology Spring Meetings (COSM). Very Low Rates of “Skip Metastases” to Neck Level IV in Clinical Negative Neck Oral Cavity Cancer Patients: A Meta-analysis .
- The Israeli Society of Otolaryngology/ Head and Neck Surgery Annual Meeting 2019. Intra-operative near-infrared fluorescence imaging for identification of parathyroid adenomas with inconclusive preoperative localization: A feasibility study.
- The Israeli Society of Otolaryngology/ Head and Neck Surgery Annual Meeting 2019 The impact of age and comorbidities on success rate of mandibular resection and reconstruction.
- The Israeli Society of Otolaryngology/ Head and Neck Surgery Annual Meeting 2018. Accuracy of neck dissection pathological reports
- The Israeli Society of Otolaryngology/ Head and Neck Surgery Annual Meeting 2018. Quality of Life Scores Are Significantly Impacted by the Mandibular Segment Resected in Oral Cavity Neoplasms
- The Israeli Society of Otolaryngology/ Head and Neck Surgery Annual Meeting 2017. Tracheal involvement in well differentiated thyroid cancer
- The Israeli Society of Otolaryngology/ Head and Neck Surgery Annual Meeting 2017. The utility of first PET/CT scan as a prognostic tool following treatment of skull base malignancies

- ✓ The Israeli Society of Otolaryngology/ Head and Neck Surgery Annual Meeting 2017.
- ✓ Long term health related quality of life (HR-QOL) after mandibular resection and reconstruction
- ✓ The Israeli Society of Otolaryngology/ Head and Neck Surgery Annual Meeting 2016. Preoperative planning for reconstruction in Head and Neck and Skull base Surgery
- ✓ The Israeli Society of Otolaryngology/ Head and Neck Surgery Annual Meeting 2015. Nodal metastatic non melanoma skin cancer involving the skull base – A single center experience

LEADERSHIP EXPERIENCE

President of the Israeli Federation of Medical Students (FIMS) 2012-2013

- ✓ Plan and Execute strategic partnerships with national medical deans forum, ministry of health& the international federation of medical students association (IFMSA)
- ✓ Initiated & managed cross-organization strategic projects to support medical students in Israel.

Vice President of the Medical student council at Tel-Aviv University 2010-2012

- ✓ Establish & maintain relationship with faculty staff and comities to support Sackler medical students

MILITARY SERVICE

Paramedic Unit 212, Israeli Defense Forces Aug 2003- Aug 2006
Staff Sergeant

- ✓ Served as a paramedic in the special force's unit "MAGLAN, unit 212." Treated injured soldiers under fire
- ✓ As Deputy Commander of the unit's medical sector, was responsible for the medical training of the unit's soldiers

LANGUAGES

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- ✓ Hebrew—Native language
 - ✓ English— Fluent

✓ Russian— Fluent