

Evgeni Gershman, M.D. F.C.C.P

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Experience

<i>Kaplan Medical Center </i> Director, Pulmonary Institute <i>Hebrew University, Israel</i>	Sep 2025-present
<i>Tel Aviv Medical Center Ichilov Hospital</i> Deputy Director, Pulmonary Institute <i>Tel Aviv University, Israel</i>	Feb 2023-Aug 2025
<i>Tel Aviv Medical Center Ichilov Hospital</i> Head of Interventional Pulmonology Service , Pulmonary Institute <i>Tel Aviv University, Israel</i>	Feb 2022-present
<i>Israel Defense Forces IDF, Israel</i> Chief Pulmonologist, consultant	Oct 2021-present
<i>Rabin Medical Center Beilinson Hospital</i> Attending, Interventional Pulmonology, Pulmonary Department <i>Tel Aviv University, Israel</i>	Aug 2020 –Jan 2022
<i>Virginia commonwealth university VCU Medical Center</i> Fellow, Interventional Pulmonology <i>Pulmonary and critical care division</i> <i>Richmond, Virginia</i>	June 2019-July 2020
<i>Rabin Medical Center Beilinson Hospital</i> Attending, Pulmonary Department <i>Tel Aviv University, Israel</i>	January 2019-June 2019
<i>Rabin Medical Center Beilinson Hospital,</i> Fellow, Pulmonary Department <i>Tel Aviv University, Israel</i>	November 2015 – Dec 2019
Observation fellowship, IP unit, Johns Hopkins Medical Center Baltimore, Maryland	May 2018
<i>Rabin Medical Center Beilinson Hospital</i> Resident, Internal Medicine Department <i>Tel Aviv University, Israel</i>	November 2012 – November 2015
<i>Israel Defense Forces IDF, Israel</i> Senior Medical Officer, Major	March 2008 – November 2012
<i>Ziv Medical Center, Safed, Israel</i>	

Medical Intern, Intensive Care and Trauma
Technion University, Haifa, Israel

April 2007 – March 2008

Sackler Faculty of Medicine, Tel Aviv University,
Tel Aviv, Israel

Oct 2000- April 2007

Medical education and courses

- Diving Physiology and Medicine –Medical officer graduate course, IDF August 2011
- ACLC and MATLS –yearly course, graduate 2005-2019, IDF, MDA
- Lab work with small animal model –graduate course, Fleizenstein Research Institute, Rabin Medical Center, August 2018
- ECFMG board graduate - Step 1 2011, Step 2 2016, Step 3 2018

Publications and research

Original studies:

1. Shitrit D, **Gershman E**, Peled N, Medalion B, Saute M, Amital A, Kramer MR. Original study "*Risk Factors for Death while Awaiting Lung Transplantation in Israeli patients: 1997-2006.*" Eur J Cardiothorac Surg; 2008 Aug;34(2):444-8
2. **Gershman E**, Fruchter O, Benjamin F, Nader AR, Rosengarten D, Rusanov V, Fridel L, Kramer MR. Original study "*Safety of Cryo-Transbronchial Biopsy in Diffuse Lung Diseases: Analysis of Three Hundred Cases.*" Respiration. 2015;90(1):40-6.
3. **Gershman E**, Elena Ridman, Ludmila Fridel, MR. Kramer Original study "*Efficacy and safety of trans-bronchial cryo in comparison with forceps biopsy in lung allograft recipients: analysis of 402 procedures*" Clin Transplant. 2018 Apr;32(4):e13221
4. **Gershman E**, Zer A, Pertzov B et al Original study "*Characteristics of Lung Cancer in Idiopathic Pulmonary Fibrosis with Single Lung Transplant versus Non-Transplanted Patients: A Retrospective Observational Study*" BMJ open Resp Research 2020;7 doi:10.1136/bmjresp-2020-00566
5. **Gershman E**, Ikan A, Pertzov B, Rosengarten D, Kramer MR Original study "*Mediastinal "Deep Freeze-Transcarinal Mediastinal lymph node biopsy"*" Thorac Cancer.2022;13:1592–1596 DOI: 10.1111/1759-7714.14422
6. **Gershman E**, Ilya Wyinsteyn, Pertzov B, Rosengarten D, Kramer MR Original study "*Marked safety and high diagnostic yield of free hand ultrasound guided core needle biopsies performed by pulmonologists*" Thorac Cancer.2022;13:1577–1582.DOI: 10.1111/1759-7714.14413
7. **Gershman E**, Azem K, Heesen P, Pertzov B, Rosengarten D, Bruckheimer E, Peysakhovich Y, Kramer MR. Amplatz Occluders for Effective Nonsurgical Management of Bronchopleural Fistulae. Ann Thorac Surg. 2024 Jul;118(1):225-232. doi: 10.1016/j.athoracsur.2023.08.031. Epub 2023 Sep 9. PMID: 37696352. Vainshelboim , Fox DB, Kramer MR ,Izhakian S , **Gershman E**, Olivera J Original study "*Short term Improvement in Physical Activity and Body composition Following Supervised Exercise Training Program in Idiopathic Pulmonary Fibrosis*" Arch Phys Med Rehabil. 2016 May;97(5):788-97.
8. Alon D, Pertzov B, **Gershman E**, Frishman M, Rahman NA, Rosengarten D, Kramer MR Original study "*The Safety of Laryngeal Mask Airway-Assisted Bronchoscopy versus Standard Nasal Bronchoscopy*" Respiration. 2017;93(4):279-284.
9. Pertzov , **Gershman E**, Shimon Izhakian , Amor , Rosengarten D, M R Kramer. Original study "*Placement of self-expanding metallic tracheobronchial Y stent with laryngeal mask airway using conscious sedation under fluoroscopic guidance.*" Thorac Cancer. 2020 Dec 15.doi: 10.1111/1759-7714.13782.
10. Pertzov B, Brachfeld E, Unterman A, **Gershman E**, Abdel-Rahman N, Rosengarten D, Kramer MR. Original study "*Significant Delay in the Detection of Desaturation between Finger Transmittance and Earlobe Reflectance Oximetry Probes during Fiberoptic Bronchoscopy: Analysis of 104 Cases.*" Lung 2019 Feb;197(1):67-72. doi: 10.1007/s00408-018-0180-0.

11. Pertzov B, **Gershman E**, Izhakian S, Heching M, Amor SM, Rosengarten D, Kramer MR. “*The LungVision navigational platform for peripheral lung nodule biopsy and the added value of cryobiopsy*.” *Thorac Cancer*. 2021 Jun 6. doi: 10.1111/1759-7714.14003.
12. Izhakian S, Frajman A, Mekiten O, Heching M, Pertzov B, Shtraichman O, **Gershman E**, Rozengarten D, Gorelik O, Kramer MR. “*Nontuberculous Mycobacterial Pulmonary Infection Among Lung Transplant Recipients*”. *Exp Clin Transplant*. 2021 Oct;19(10):1076-1081. doi: 10.6002/ect.2021.0177.PMID: 34641777
13. Freund O, Rotem-Green M, Rahat M, **Gershman E**, Ophir N, Fireman E, Shenhar-Tsarfaty S, Bar-Shai A.” *Nanoparticles in induced sputum - a window to airway inflammation among active smokers*”. *Nanomedicine (Lond)*. 2023 Mar 28. doi: 10.2217/nnm-2022-0269. Epub ahead of print. PMID: 36975802.
14. Freund, O., Hadad, Y., Shalmon, T., Wand, O., Schneer, S., Perluk, T.M., Kleinhendler, E., Hershko, T., Tiran, B., Aviram, G. ,**Gershman, E.**, Unterman, A. “*Real-Life Diagnostic Performance of the Hypersensitivity Pneumonitis Guidelines: A Multicenter Cohort Study*”. *Diagnostics*, 2023 Jul 11;13(14):2335
15. Freund O, Breslavsky A, Givoli-Vilensky R, Zacks N, **Gershman E**, Melloul A, Wand O, Bilenko N, Bar-Shai A. “*Assessment of a close respiratory follow-up schedule at 3 and 6 months after acute COVID-19 and its related investigations*”. *Respiratory Medicine*. 2023 Jul 20:107367.
16. Freund O, Hadad Y, Shalmon T, Wand O, Schneer S, Perluk TM, Kleinhendler E, Hershko T, Tiran B, Aviram G, **Gershman E**, Adir Y, Shitrit D, Bar-Shai A, Unterman A. Real-Life Diagnostic Performance of the Hypersensitivity Pneumonitis Guidelines: A Multicenter Cohort Study. *Diagnostics (Basel)*. 2023 Jul 11;13(14):2335. doi: 10.3390/diagnostics13142335. PMID: 37510080; PMCID: PMC10377863.
17. Freidkin L, Heching M, Rosengarten D, Pertzov B, **Gershman E**, Izhakian S, Amor SM, Kramer MR. *Bronchoscopy for management and identification of etiology of right middle lobe syndrome: Analysis of 66 cases*. *Thorac Cancer*. 2023 Nov;14(32):3226-3231. doi: 10.1111/1759-7714.15113. Epub 2023 Sep 13. PMID: 37704575; PMCID: PMC10643790.
18. Freund O, Wand O, Schneer S, Barel N, Shalmon T, Borsekofsky S, Hershko T, **Gershman E**, Adir Y, Bar-Shai A, Shitrit D, Unterman A. Transbronchial Cryobiopsy Is Superior to Forceps Biopsy for Diagnosing both Fibrotic and Non-Fibrotic Interstitial Lung Diseases. *Respiration*. 2023;102(9):852-860. doi: 10.1159/000533197. Epub 2023 Aug 25. PMID: 37634496.
19. Kleinhendler E, Rosman M, Fireman E, Freund O, **Gershman E**, Pumin I, Perluk T, Tiran B, Unterman A, Bar-Shai A. *Impulse Oscillometry as an Alternative Lung Function Test for Hospitalized Adults*. *Respir Care*. 2024 Jan 2;respcare.10963. doi: 10.4187/respcare.10963. Epub ahead of print. PMID: 38167212.
20. Freund O, Melloul A, Fried S, Kleinhendler E, Unterman A, **Gershman E**, Elis A, Bar-Shai A. Management of acute exacerbations of COPD in the emergency department and its associations with clinical variables. *Intern Emerg Med*. 2024 Apr 11. doi: 10.1007/s11739-024-03592-w. Epub ahead of print. PMID: 38602629.
21. Rubin SC, Zacks N, Wand O, Freund O, **Gershman E**, Breslavsky A, Givoli-Vilensky R, Ferber AT, Bilenko N, Bar-Shai A. Cytokine fingerprint differences following infection and vaccination - what can we learn from COVID-19? *Eur Cytokine Netw*. 2024 Feb 1;35(1):13-19. doi: 10.1684/ecn.2024.0494. PMID: 38909356.
22. Freund O, Elhadad L, Tiran B, Melloul A, Kleinhendler E, Perluk TM, **Gershman E**, Unterman A, Elis A, Bar-Shai A. Routine in-hospital interventions during acute exacerbation of COPD are associated with improved 30-day care. *Heart Lung*. 2024

Sep-Oct;67:114-120. doi: 10.1016/j.hrtlng.2024.05.001. Epub 2024 May 14. PMID: 38749347.

23. Kleinhendler E, Shopen N, Cohen N, Freund O, Perluk T, **Gershman E**, Unterman A, Bar-Shai A. Effect of Added Inhaled Corticosteroids to Systemic Steroids on COPD Exacerbation Outcomes. *Respir Care*. 2024 Jul 30;respcare.11954. doi: 10.4187/respcare.11954. Epub ahead of print. PMID: 39079723.
24. Melloul A, Freund O, Tiran B, Perluk TM, Golan N, Kleinhendler E, **Gershman E**, Unterman A, Elis A, Bar-Shai A. Respiratory Specialist Visits Before Admissions with COPD Exacerbation are Linked to Improved Management and Outcomes. *Int J Chron Obstruct Pulmon Dis*. 2024;19:2387-2396
<https://doi.org/10.2147/COPD.S491447>
25. Regina Pikman Gavriely, Ophir Freund, Boaz Tiran, Tal Moshe Perluk, Eyal Kleinhendler, Idit Matot, Amir Bar-Shai, **Evgeni Gershman** .Laryngeal mask airway or high flow nasal cannula *versus* nasal cannula for advanced bronchoscopy – a randomized controlled trial. *ERJ Open Research* 2024; 00421-2024; DOI: <https://doi.org/10.1183/23120541.00421-2024>
26. Kleinhendler E, Pinkhasov A, Hayek S, Man A, Freund O, Perluk TM, **Gershman E**, Unterman A, Fire G, Bar-Shai A. Interpretation of cardiopulmonary exercise test by GPT - promising tool as a first step to identify normal results. *Expert Rev Respir Med*. 2025 Mar 2:1-8. doi: 10.1080/17476348.2025.2474138. Epub ahead of print. PMID: 40012496.

Review articles:

1. **Gershman E**, Swiatek K, Guthrie R, Shojaee S. **Review** "*Management of hemoptysis in patients with lung cancer*" *Ann Transl Med*. 2019 Aug;7(15):358.
2. Bubu B, Yahia A, Ogden N , **Gershman E**, Shah R, Shojaee S, Sterling R "*Multidisciplinary management of hepatic hydrothorax* " **Review**, *J Hepatology* In press
3. Mytinger R, Taylor T, **Gershman E** ,Shojaee S . *Beyond the blue -Pleural Disease Talc Pleurodesis, Indwelling Pleural Catheter, Pleural drainage manometry. fellows article review*. *AJRCC* 2020 May

Editorials , Correspondence and Case reports:

1. **Gershman E**, Cohen A , Kramer MR , Elis A **Case report**" *Plasma Cell Dyscrasia associated with Systemic Sclerosis*" *J Case Reports in Internal Medicine*, Vol 2, No 4 (2015)
2. **Gershman E**, Kramer MR. **Editorial** "*Transbronchial Cryobiopsy Success With "Gentle Ice"*". *J Bronchology Interv Pulmonol*. 2019 Oct;26(4):e44.
3. **Gershman E**, Shojaee S. **Editorial** -" *The right study design for the right study question*"*J Bronchology and Interventional pulmonology* Apr 2020
4. Tessler I, Yehuda FO, **Gershman E**, Klang E, Matot I, Kolitz T. **Correspondence** "*Ad-hoc medical mission for refugees in the Ukraine-Russia war: from vision to practice*". *Lancet*. 2022 Jul 16;400(10347):157-158. doi: 10.1016/S0140-6736(22)01197-7. PMID: 35843238.

Presentations and congresses

- Laryngeal mask airway or high flow nasal cannula *versus* nasal cannula for advanced bronchoscopy – a randomized controlled trial, **Oral presentation**, Israel respiratory society annual congress, December 13th 2024 , Jerusalem
- Advanced AW procedures, **Oral presentation**, Israel society of anesthesiology December 13th 2024 , Jerusalem
- 2nd Israeli Interventional Pulmonology conference , **Vice Chair**, March 2024, Tel Aviv
- 1st Israeli Interventional Pulmonology conference , **Chair**, May 2022 , Tel Aviv
- High diagnostic yield and marked safety of ultrasound guided core needle biopsies performed free handedly by pulmonologists , **Oral presentation** , Israel Respiratory Society Meeting, Israel Oct 2021
- Efficiency of Broncho-Pleural Fistula Management with Amplatzer Occluders – 13 years of experience , **Oral presentation** , Israel Respiratory Society Meeting, Israel Aug 2020
- The LungVision navigational platform for peripheral lung nodule biopsy and the added value of cryobiopsy. **Oral presentation** , Chest Annual Meeting, New Orleans, Louisiana 2019
- The nature of lung malignancies in naïve and transplanted patients with pulmonary fibrosis, **Poster** ,ATS May 2018 San Diego , CA , USA
- Efficacy and Safety of Cryo-probe TBB in lung allograft , **Oral Presentation**, ISHLT Congress, Nice, France April 2018
- Imaging and Diagnosis of Lung Cancer, 11th Annual Respiratory Medicine Congress, **Oral Presentation**, August 2017, Xian , China
- Nature of lung malignancies in naïve and transplanted patients with pulmonary fibrosis. Annual Joined Pulmonary and thoracic oncology conference, **Oral Presentation**, Tel Aviv Israel April 2016
- Experience in Bronchoscopy Guided tracheostomy of Eighty cases, **Oral presentation** , Israel Respiratory Society Meeting, Israel March 2015
- Safety of Cryo-Trans-bronchial Biopsy in Diffuse Lung Diseases: Analysis of Three Hundred Cases. **Poster**, ERS congress, Munich , Germany March 2014

Review committee in respiratory journals

Therapeutic advances in Respiratory Disease (Sage journals)
Archivos de Bronconeumologia (Elsevier)
BMC Pulmonary Medicine (Springer nature)
BMJ Open Respiratory (Springer nature)
European Radiology Journal (Springer nature)
Respirology Journal (Wiley)

Awards and Grants

- Tuberculosis league research grant 2023
- Ministry of health research grant 2022
- ISHLT Annual Scientific Meeting Grant for outstanding abstract, Nice, France 2018
- Respiration Journal- "*Safety of Cryo-Transbronchial Biopsy in Diffuse Lung Diseases: Analysis of Three Hundred Cases.* " most cited original study for 2015

Academic appointments

- *September 2016- June 2019* -Chief of Respiratory Physiology Course of the New York program Sackler school of medicine, Tel Aviv University, Israel
- *January 2018- June 2019*- Senior instructor –US guided vascular access – Sapir Medical Center, Kfar Saba, Israel

Professional designations and memberships

- Israel Respiratory Society, **secretary** since 11.2022
- American College of Chest Physicians, **fellow** since 09.2021
- European Respiratory Society **member**
- European Association of Bronchology and Interventional Pulmonology **member**
- American Association for Bronchology and Interventional Pulmonology **member**
- American Thoracic Society **member**
- Israel Board of Internal Medicine **member**
- North American Israel Pulmonary Alliance **member**