

Avishai M Tsur, MD MHA

Keren Hayesod 9/25, Givat Shmuel, Israel

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Professional Experience

2020-Present

Resident, Internal Medicine

Sheba Medical Center, Tel-Hashomer

2020-Present

Company Commander, Airborne Medical Unit

Israel Defense Forces

2020

Analyst

The National Information and Knowledge Center for The Corona Campaign, Israel

2018-2020

Researcher, The Trauma & Combat Medicine Branch

Israel Defense Forces

2016-2018

Brigade Medical Officer, Brigade Clinic Director

Israel Defense Forces

2014-2016

Battalion Medical Officer, Battalion Clinic Director

Israel Defense Forces

2013-2014

Medical Intern

Soroka University Medical Center

2012-2013

Physician Assistants Director

Soroka University Medical Center

2010-2013

Physician Assistant, Internal Medicine

Soroka University Medical Center

Teaching Experience

2012-2014

Lecturer, Physics, Mechanics and Electromagnetics

Faculty of Health Sciences, Ben-Gurion University of the Negev

2007-2013

Teaching Assistant, Physics, Mechanics and Electromagnetics
Faculty of Health Sciences, Ben-Gurion University of the Negev

Education

2017-2019

Master of Health Administration, cum laude
Bar-Ilan University

2009-2014

Doctor of Medicine
Ben-Gurion University of the Negev

Awards

2020

Winner
Medical Data Science Hackathon
Israel Defense Forces Medical Corps

2019

Winner
Creative writing contest
Technological and Logistics Directorate, Israel Defense Forces

2017

Award of Excellence
Technological and Logistics Directorate, Israel Defense Forces

2014

Intern's Award of Excellence
Soroka University Medical Center

2013, 2014

Best Speaker
Israeli National Debating Championship

Publications ([Google Scholar](#))

(22) **Tsur AM**, Hershkovich S, Zucker I, et al. Stuttering and incident type 2 diabetes: a population-based study of 2.2 million adolescents. *The Journal of Clinical Endocrinology & Metabolism*. 2020. Accepted for publication.

(21) Haddad N, **Tsur AM**, Nadler R, et al. Inexperienced but confident: a survey of advanced life support providers and life-saving interventions in the Israel Defense Forces. *Mil Med*. 2020. Accepted for publication.

(20) Sorkin A, Nadler R, Sommer A, **Tsur AM**, et al. Medical Challenges in Underground Warfare. *Mil Med*. 2020. Accepted for publication.

- (19) Gendelman O, Kuntzman Y, Shubman O, Langevitz P, **Tsur AM**, et al. Tumor-like lesions in patients with Granulomatosis with Polyangiitis: a case series. *Isr Med Assoc J.* 2020. Accepted for publication.
- (18) Tsur N, Benov A, Nadler R, **Tsur AM**, et al. Neck injuries – Israel Defense Forces 20 years' experience. *Injury [Internet].* 2020.
- (17) Mark N, ..., **Tsur AM**, et al. Performance Examination of Pulse Oximeters Under Various Physiological and Environmental Conditions. *Mil Med.* 2020. Accepted for publication.
- (16) Amit M, Sorkin A, Chen J, Cohen B, Karol D, **Tsur AM**, et al. Clinical Course and Outcomes of Severe Covid-19: A National Scale Study. *J Clin Med.* 2282 Jul 18;2020(7):2282.
- (15) **Tsur AM**, Nadler R, Lipsky AM, et al. The Israel Defense Forces Trauma Registry: 22 years of point-of-injury data. *J Trauma Acute Care Surg.* 2020;89(2S Suppl 2):S32-S38.
- (14) **Tsur AM**, Nadler R, Tsur N, et al. Prehospital definitive airway is not associated with improved survival in trauma patients. *J Trauma Acute Care Surg.* 2020;89(2S Suppl 2):S237-S241.
- (13) Epstein D, Strashevski R, Furer A, **Tsur AM**, et al. Endotracheal tube fixation time: A comparison of three fixation methods in a military field scenario. *BMJ Military Health.* 2020.
- (12) **Tsur AM**, Nadler R, Benov A, et al. The Effects of Military-Wide Introduction of Advanced Tourniquets in The Israel Defense Forces. *Injury.* 2020.
- (11) Nadler R, **Tsur AM**, Yazer MH, Shinar E, Moshe T, Benov A, et al. Early experience with transfusing low titer group O whole blood in the pre-hospital setting in Israel. *Transfusion.* 2020 Jun 1;60(S3):S10–6.
- (10) Nadler R, **Tsur AM**, Lipsky AM, Lending G, Benov A, Ostffeld I, et al. Cognitive and physical performance are well preserved following standard blood donation: A noninferiority, randomized clinical trial. *Transfusion.* 2020 Jun 1;60(S3):S77–86.
- (9) Gofrit SG, Ohayon-Cohen S, **Tsur AM**, Rabkin V, Michael Shapira M, Finestone AS. Compliance compromises an interventional study on iron supplementation in female combatants. *J R Army Med Corps.* 2019 Jun 23.
- (8) **Tsur AM**, Binyamin Y, Koren L, Ohayon S, Thompson P, Glassberg E. High Tourniquet Failure Rates Among Non-Medical Personnel Do Not Improve with Tourniquet Training, Including Combat Stress Inoculation: A Randomized Controlled Trial. *Prehosp Disaster Med.* 2019 May 2;1–6.
- (7) Daniel S, Kalansky A, **Tsur A**, Pinsk V, Ling G, Rannan R, et al. Seasonality of birth affects paediatric coeliac disease. *Acta Paediatr.* 2019 Mar;108(3):529–34.

- (6) Twig G, Vivante A, Bader T, Derazne E, **Tsur AM**, Levi M, et al. Body Mass Index and Kidney Disease-Related Mortality in Midlife: A Nationwide Cohort of 2.3 Million Adolescents. *Obesity* (Silver Spring) 2018 Mar 02.
- (5) **Tsur A**, Sedaka Y, Fruchtman Y, Leibovitz E, Cavari Y, Noyman I, et al. Rapidly Progressing Fatal Neurobrucellosis in a Healthy Child in an Endemic Area in Southern Israel. *Isr Med Assoc J* 2017 Feb;19(2):125-127.
- (4) Glick Y, Baruch EN, **Tsur AM**, Berg AL, Yifrah D, Yitzhak A, et al. Extending a Helping Hand: A Comparison of Israel Defense Forces Medical Corps Humanitarian Aid Field Hospitals. *Isr Med Assoc J* 2016 Oct;18(10):581-585.
- (3) **Tsur A**, Slutzki T, Flusser D. Lactococcus garvieae Endocarditis on a Prosthetic Biological Aortic Valve. *Zoonoses Public Health* 2014 Oct 8.
- (2) **Tsur A**, Kalansky A. Hypersensitivity associated with sugammadex administration: a systematic review. *Anaesthesia* 2014 May 22.
- (1) **Tsur A**, Sergienko R, Wiznitzer A, Zlotnik A, Sheiner E. Critical analysis of risk factors for shoulder dystocia. *Arch Gynecol Obstet* 2011 Nov 15.

Book Chapters

Benov A, Roy N, **Tsur AM**, et al; Fluid Administration in Austere Environments; In [Fundamentals of Frontline Surgery](#); Taylor & Francis Group; 2021.

Grants – Total 400,000 NIS + 40,000 USD

2020

Preventable death – causes of trauma-related mortality in the IDF. Milgrom Family Support Program of the Hebrew University of Jerusalem.

40,000 USD

Characterization of Syrian casualties treated in Israel during the Syrian civil war. Administration for the Development of Weapons and Technological Infrastructure.

100,000 NIS

The association of prehospital treatment with blood or blood products with clinical outcomes. Administration for the Development of Weapons and Technological Infrastructure.

100,000 NIS

2019

Characterization of the effect of prehospital interventions on patient outcome. Administration for the Development of Weapons and Technological Infrastructure.

100,000 NIS

The association between prehospital data and patient outcome: characterization of new triage models. Administration for the Development of Weapons and Technological Infrastructure.

100,000 NIS

Students

Anastasiea Yesaulov, MD thesis - Completed

Co-mentor

Battlefield pain management: A view of 22 years in Israel Defense Forces

Dina Ben-Shalom, MD thesis - Submitted

Co-mentor

Successful prehospital definitive airway in casualties and survival

Itamar Toren, MD thesis - Proposal accepted

Co-mentor

Adolescent psoriasis and type 2 diabetes in adulthood

Limor Altshul, MD thesis – Proposal accepted

Co-mentor

Adherence to clinical guidelines among physicians and paramedics

Tomer Parket, MD thesis - Ongoing

Co-mentor

Malignancies in ankylosing spondylitis

Adi Kidron, MD thesis - Ongoing

Co-mentor

Polymyositis and ischemic heart disease

Tal Bar, MD thesis - Ongoing

Co-mentor

The effect of prehospital endotracheal intubation on casualty outcome

Reviewer (<https://publons.com/author/1394431>)

Antibiotics

Journal of Clinical Medicine

Therapeutic Advances in Drug Safety

Infection, Genetics and Evolution

Scientific Meetings - Oral

(12) Nadler R, **Tsur AM**, Gendler S, et al. Chest injuries: Move the needle. [The 6th International Conference on Preparedness and Response to Emergencies & Disasters](#), Tel Aviv, January 14th, 2020.

(11) Nadler R, **Tsur AM**, Glassberg E, Chen J. Implementation of Novel Remote Damage Control Resuscitation Techniques. The 6th International Conference on Preparedness and Response to Emergencies & Disasters, Tel Aviv, January 14th, 2020.

(10) **Tsur AM**, Nadler R, Levi D, et al. We Now Know: Quality of Prehospital Documentation in The Israel Defense Forces Trauma Registry, 2010-2018. The 6th

International Conference on Preparedness and Response to Emergencies & Disasters, Tel Aviv, January 13th, 2020.

(9) **Tsur AM**, Nadler R, Siman-Tov M, et al. Stop The Bleed: Tourniquet application rates and outcomes following the introduction of the CAT. The 6th International Conference on Preparedness and Response to Emergencies & Disasters, Tel Aviv, January 13th, 2020.

(8) **Tsur AM**, Nadler R, Haddad N, et al. Do you teach the way they learn? Adapting casualty care education to Millennials and Gen Z'ers. The 6th International Conference on Preparedness and Response to Emergencies & Disasters, Tel Aviv, January 13th, 2020.

(7) Hirschhorn AI, **Tsur AM**, Nadler R, Chen J. Introducing BladeShield: The Digital Wearable Combat Casualty Card That Works For You. The 6th International Conference on Preparedness and Response to Emergencies & Disasters, Tel Aviv, January 13th, 2020.

(6) Nadler R, **Tsur A**, Lending G, Yanovitch R, Levy D, Shinar E, Moser AM, Benov A, Bader T, Glassberg E, Chen J. Cognitive and Physical Performance Is Well Preserved Following a Blood Donation: A Randomized Clinical Trial. [AABB](#) annual meeting, San Antonio, Texas, October 19th, 2019.

(5) Nadler R, **Tsur AM**, Benov A, Glassberg E, Chen J. They practice what you preach: Trends in crystalloid transfusion with clinical practice guidelines updates. [Military Health System Research Symposium](#), Kissimmee, Florida, August 21st, 2019.

(4) Hirschhorn AI, **Tsur AM**, Nadler R, Chen J. BladeShield 101: The Novel Israel Defense Forces Prehospital Digital Wearable Combat Casualty Card. Military Health System Research Symposium, Kissimmee, Florida, August 21st, 2019.

(3) Nakar H, Nadler R, **Tsur AM**, et al. Two decades of battlefield pain management. Military Health System Research Symposium, Kissimmee, Florida, August 20th, 2019.

(2) Gandler S, Nadler R, **Tsur AM**, et al. Emergency laparotomies in soldiers: The IDF experience. Military Health System Research Symposium, Kissimmee, Florida, August 19th, 2019.

(1) **Tsur A**, Plecht I, Leibovitz E, Neuman-Heiman N. Determinants of satisfaction from electronic health records in a pediatric emergency room. 19th Annual Conference of the Israeli Association for Emergency Medicine, Tel Aviv, April 15th, 2015.

Scientific Meetings - Poster

(18) **Tsur AM**, Nadler R, Sorkin A, et al. Applying machine learning to summarize and categorize three decades of military studies by the Israel Defense Forces Medical

Corps. [Military Health System Research Symposium](#), Kissimmee, Florida, August 24th, 2020. (Cancelled due to the COVID-19 pandemic).

(17) Chen J, **Tsur AM**, Nadler R, et al. Ground Versus Air Transport of injured soldiers in the last decade – the IDF experience. Military Health System Research Symposium, Kissimmee, Florida, August 24th, 2020. (Cancelled due to the COVID-19 pandemic).

(16) Lipkin I, **Tsur AM**, Nadler R, et al. Improvement in tourniquet application during the military medic course. Military Health System Research Symposium, Kissimmee, Florida, August 24th, 2020. (Cancelled due to the COVID-19 pandemic).

(15) **Tsur AM**, Nadler R, Sorkin A, et al. Patterns in vehicle-ramming terror attacks. Military Health System Research Symposium, Kissimmee, Florida, August 24th, 2020. (Cancelled due to the COVID-19 pandemic).

(14) Nadler R, **Tsur AM**, Sorkin A, et al. The effect of prehospital endotracheal intubation on the outcome of trauma patients, a retrospective analysis. Military Health System Research Symposium, Kissimmee, Florida, August 24th, 2020. (Cancelled due to the COVID-19 pandemic).

(13) Beit Ner E, **Tsur AM**, Nadler R, et al. Prehospital and en route cricothyroidotomy performed in the Israel Defense Forces: 22-years of experience. Military Health System Research Symposium, Kissimmee, Florida, August 24th, 2020. (Cancelled due to the COVID-19 pandemic).

(12) **Tsur AM**, Nadler R, Benov A, et al. Prehospital Pediatric Use of Tranexamic Acid. Military Health System Research Symposium, Kissimmee, Florida, August 21st, 2019.

(11) **Tsur AM**, Nadler R, Siman-Tov M, et al. Tourniquet application rates and outcomes following a military-wide intervention. Military Health System Research Symposium, Kissimmee, Florida, August 21st, 2019.

(10) Nadler R, **Tsur AM**, Glassberg E, Chen J. The Future is Here: Implementation of Novel Remote Damage Control Resuscitation Techniques. Military Health System Research Symposium, Kissimmee, Florida, August 21st, 2019.

(9) Nadler R, **Tsur AM**, Shinar E, Chen J. Back to the future: Whole blood is here to stay. Military Health System Research Symposium, Kissimmee, Florida, August 21st, 2019.

(8) Nadler R, **Tsur AM**, Lending G, et al. Cognitive and Physical Performance is Well Preserved Following a Blood Donation, A Randomized Clinical Trial. Military Health System Research Symposium, Kissimmee, Florida, August 21st, 2019.

(7) **Tsur AM**, Nadler R, Levi D, et al. Time trends in rate and quality of prehospital documentation in the Israel Defense Forces Trauma Registry, 2010-2018. Military Health System Research Symposium, Kissimmee, Florida, August 21st, 2019.

(6) Nadler R, **Tsur AM**, Gendler S, et al. Chest decompression for chest injuries: What can be learned from fluctuating trends in the past decade? Military Health System Research Symposium, Kissimmee, Florida, August 21st, 2019.

(5) Gelber A, **Tsur AM**, Nadler R, Benov A, Chen J. Professional confidence builds leadership - New concepts in combat medicine training during the APEX (Tzameret) military MD program. Military Health System Research Symposium, Kissimmee, Florida, August 20th, 2019.

(4) **Tsur AM**, et al. The Next Great Generation: Adapting continuing combat casualty care education to Millennials and Gen Z'ers advanced life support providers. Military Health System Research Symposium, Kissimmee, Florida, August 20th, 2019.

(3) Haddad N, **Tsur AM**, Nadler R, et al. Association of experience and self-efficacy in performing life-saving interventions among Israel Defense Forces advanced life support providers. Military Health System Research Symposium, Kissimmee, Florida, August 20th, 2019.

(2) **Tsur AM**, et al. High tourniquet failure rates among soldiers do not improve with tourniquet training including combat stress inoculation: a randomized controlled trial. Military Health System Research Symposium, Kissimmee, Florida, August 20th, 2019.

(1) **Tsur AM**, Nadler R, Siman-Tov M, et al. Implementation of a tourniquet program in the Israel Defense Forces: Application rates and Outcomes. 23rd Annual Conference of the Israeli Association for Emergency Medicine, Tel Aviv, March 26th, 2019.

International Delegations

June 24th-27th, 2019

Team coordinator

Navy Trauma Training Center, LAC+USC Medical Center, California, USA

October 13th-19th, 2018

Physician

EU MODEX, IDF Field Hospital, Bucharest, Romania

February 1st-10th, 2017

Speaker

Miami International FIDF Gala Dinner, Friends of the IDF, Florida, USA

July 17th-19th, 2016

Speaker

Christians United for Israel Washington DC Summit, Our Soldiers Speak, District of Columbia, USA

May 5th-13th, 2016

Avishai M Tsur, MD MHA
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Master of Ceremony
“From Holocaust to Independence”, FIDF delegation to Poland and Israel

July 21st-27th, 2008

Delegation leader

Apprentices of Medicine (“Pirchey Refua”) education summer camp, Kefken, Turkey

Others

2020

Advanced Cardiac Life Support (ACLS)

2019

R for statistical computing

SQL for database querying

2015

Good Clinical Practice (GCP)