

CURRICULUM VITAE

NAME: Shai Meron Eldar  
DATE OF BIRTH: May 4, 1973  
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EDUCATION:

1995-2001 Medical studies, Faculty of Medicine, Ben Gurion University of the Negev

Boards and Certifications:

2002 USMLE step 2 CK  
2002 USMLE step 1  
2003 ATLS/MTLS course  
2005 USMLE step 2 CS  
2006 ECFMG certificate  
2006 Israeli board exam in general surgery step 1  
2008 Israeli board exam in general surgery step 2 (cum laude)  
2009 ATLS instructor course  
2011 USMLE step 3

PROFESSIONAL EXPERIENCE:

- 2002-2003 Rotating Internship, Carmel Hospital, Haifa
- 2003-2006 Resident, General Surgery Department C, Tel Hashomer Hospital  
Director: Moshe Papa, MD
- 2006-2007 Resident, General Surgery, Mt. Sinai Medical Center, New York, NY  
Director: Celia Divino, MD
- 2007-2010 Resident, General Surgery Department C, Tel Hashomer Hospital  
Director: Moshe Papa, MD
- 2010-2011 Research fellow, Bariatric and Metabolic Institute, Cleveland Clinic, OH  
Director: Phil Schauer, MD, FACS
- 2011-2012 Clinical fellow, Bariatric and Metabolic Institute, Cleveland Clinic, OH  
Director: Phil Schauer, MD, FACS
- 2012-Present Head, Bariatric Surgery Unit, General Surgery Division, Tel Aviv Sourasky Medical Center, Tel Aviv, Israel

ARMY:

- 1991 Combat medics course
- 1992 Combat medics' trainer course
- 1992-1994 Sergeant and trainer, combat medics course
- 2003 Medical officer course
- 2005-2010 Airborne army physician - Israeli air force rescue unit

#### BASIC RESEARCH:

1. The use of H19 regulatory sequence in DNA-based therapy for pancreatic cancer in hamsters. The Hebrew University, Jerusalem
2. Effects of gastric bypass on gut hormones and glucose homeostasis using a rat model. The Cleveland Clinic, OH

#### CLINICAL RESEARCH:

MD THESIS: Laparoscopic cholecystectomy in acute cholecystitis (cum laude) 2001

#### PUBLICATIONS:

#### PUBLISHED MANUSCRIPTS:

1. R. Karmeli, E. Eyal, S. Eldar, S. Fajer: Primary Leiomyosarcoma of the Inferior Vena Cava and Interposition of a Bovine Pericardial Graft. *EJVES Extra* 6, 119–121 (2003)
2. Galili O, Eldar S Jr, Matter I, Madi H, Brodsky A, Galis I, Eldar S Sr: The effect of bactibilia on the course and outcome of laparoscopic cholecystectomy. *Eur J Clin Microbiol Infect Dis.*, 2008 Sep;27(9):797-803
3. Shapiro R, Eldar S, Sadot E, Venturero M, Papa M, Zippel D: The significance of occult carcinoids in the era of laparoscopic appendectomies. *Surg Endosc.* 2010 Sep;24(9):2197-9
4. Shapiro R, Eldar S, Sadot E, Papa M, Zippel D: Appendiceal carcinoids at a large tertiary center; pathologic findings and long term follow up. *Am J Surg.* 2011 Jun;201(6):805-8
5. Stacy A. Brethauer, Helen M Heneghan, Shai Eldar, Patrick Gatmaitan, Hazel Huang, Sangeeta Kashyap, Heather L. Gornik, John P. Kirwan, Philip R. Schauer: Early effects of gastric bypass on endothelial function, inflammation, and cardiovascular risk in obese patients. *Surg Endosc.* 2011 Aug;25(8):2650-9.
6. Eldar S, Heneghan HM, Brethauer S, Schauer PR: A focus on surgical pre-operative evaluation of the bariatric patient – the Cleveland Clinic protocol and review of the literature. *Surgeon.* 2011 Oct;9(5):273-7.

7. Shai Eldar, Helen M. Heneghan, Stacy A. Brethauer, Philip R. Schauer: Bariatric Surgery for Treatment of Obesity. *International Journal of Obesity*. 2011 Sep;35 Suppl 3:S16-21
8. Helen M Heneghan, Shai Meron-Eldar, Panduranga Yenumula, Tomasz Rogula, Stacy A Brethauer, Philip R Schauer: Incidence and management of bleeding complications after gastric bypass surgery in the morbidly obese. *Surg Obes Relat Dis*. 2011 Jun 2. [Epub ahead of print]
9. Helen M Heneghan, Shai Meron-Eldar, Philip R. Schauer, Stacy A. Brethauer, James B Young: Effects of Bariatric Surgery on Cardiovascular Risk Profile. *Am J Cardiol*. 2011 Nov 15;108(10):1499-507. Epub 2011 Aug 30.
10. Eldar SM, Heneghan HM, Brethauer SA, Khwaja HK, Singh M, Rogula T, Schauer PR. Laparoscopic bariatric surgery for those with body mass index of 70-125 kg/m(2). *Surg Obes Relat Dis*. 2011 Oct 14. [Epub ahead of print]
11. Eldar S, Heneghan HM, Dan O, Kirwan JP, Schauer PR, Brethauer SA. Gastrostomy tube placement in gastric remnant at gastric bypass: a rat model for selective gut stimulation. *Surg Obes Relat Dis*. 2011 Dec 20. [Epub ahead of print]
12. El-Hayek K, Timratana P, Meranda J, Shimizu H, Eldar S, Chand B: Post Roux-en-Y gastric bypass biliary dilation: natural process or significant entity? *Journal of Gastrointestinal Surgery*
13. Shimizu H, Eldar S, Heneghan HM, Schauer PR, Kirwan JP, Brethauer SA: The effect of selective gut stimulation on glucose metabolism after gastric bypass in the Zucker diabetic fatty rat model *Surg Obes Relat Dis*. 2013 Feb 11
14. Shnell M, Fishman S, Eldar S, Goitein D, Santo E: Balloon dilatation for symptomatic gastric sleeve stricture *Gastrointest Endosc*. 2013 Nov 9
15. Heneghan HM, Annaberdyev S, Eldar S, Rogula T, Brethauer S, Schauer P: Banded Roux-en-Y gastric bypass for the treatment of morbid obesity. *Surg Obes Relat Dis*. 2013 Nov
16. Niv Pencovich M.D, Ph.D, Guy Lahat M.D, Orit Goldray, Subhi Abu-Abeid M.D, Joseph M. Klausner M.D, Shai Meron-Eldar M.D: Safety and outcome of laparoscopic sleeve gastrectomy following removal of adjustable gastric banding; Lessons of 109 patients in a single center and review of the literature. *Obes Surg*. 2016 Nov 24
17. Yonatan Lessing, Niv Pencovich, Shai Meron-Eldar, Marian Khatib, Joseph Kuriansky, Subhi Abu-Abeid; One anastomosis gastric bypass: first 407 patients in 1 year. *Obes Surg*. 2017 Apr 8
18. Shaul Gelikas, Shai Meron Eldar , Guy Lahat; Anti-Factor Xa levels in patients undergoing laparoscopic sleeve gastrectomy: two different dosing regimens of enoxaparin, *Surg Obes Relat Dis*. 2017 Oct;13(10):1753-1759. doi: 10.1016/j.soard.2017.07.027. Epub 2017 Jul 27.

19. Nadav Nevo, Subhi Abu-Abeid, Guy Lahat, Orit Goldray, Joseph Klausner, and Shai Meron Eldar; Converting a sleeve gastrectomy to a gastric bypass for weight loss failure – Is it worth it? *Obes Surg*. 2018 Feb;28(2):364-368. doi: 10.1007/s11695-017-2856-6.
20. Yonatan Lessing, Subhi Abu-Abeid, Orit Goldray, Guy Lahat, Ido Nachmany, Joseph Klausner, Shai Eldar; Sleeve gastrectomy for diabetic patients – long term outcomes, *Surg Obes Relat Dis*. 2017 Oct;13(10):1658-1663. doi: 10.1016/j.soard.2017.06.009. Epub 2017 Jul 18.
21. Gastric Bypass as a Third Bariatric Procedure - Our Experience with 42 Cases. Nevo N, Abu-Abeid S, Hazzan D, Lahat G, Nachmani I, Eldar SM. *Obes Surg*. 2019 Jan;29(1):215-220.
22. Over 1-Year Followup of Laparoscopic Treatment of Enterovesical Fistula. Nevo Y, Shapiro R, Froylich D, Meron-Eldar S, Zippel D, Nissan A, Hazzan D. *JLS*. 2019 Jan-Mar;23(1).
23. Gastric Cancer after Laparoscopic Adjustable Gastric Banding: A Case Series. Shai Meron Eldar, Esther Ovdar, Nadav Nevo, Yonatan Lessing, Ido Nachmany and David Hazzan. *J Obes Weight Loss Ther* 2019, 9:1
24. Lipid-Associated Macrophages Control Metabolic Homeostasis in a Trem2-Dependent Manner. Jaitin DA<sup>1</sup>, Adlung L<sup>1</sup>, Thaïss CA<sup>2</sup>, Weiner A<sup>1</sup>, Li B<sup>1</sup>, Descamps H<sup>3</sup>, Lundgren P<sup>3</sup>, Blieriot C<sup>4</sup>, Liu Z<sup>5</sup>, Deczkowska A<sup>1</sup>, Keren-Shaul H<sup>1</sup>, David E<sup>1</sup>, Zmora N<sup>1</sup>, Eldar SM<sup>6</sup>, Lubezky N<sup>6</sup>, Shibolet O<sup>7</sup>, Hill DA<sup>8</sup>, Lazar MA<sup>9</sup>, Colonna M<sup>10</sup>, Ginhoux F<sup>11</sup>, Shapiro H<sup>1</sup>, Elinav E<sup>12</sup>, Amit I<sup>13</sup>. *Cell*. 2019 Jul 25;178(3):686-698.e14. doi: 10.1016/j.cell.2019.05.054.
25. Sleeve gastrectomy in the elderly. Nadav Nevo, Shai Meron Eldar, Yonatan Lessing, Edmond Sabo, Ido Nachmany, David Hazzan. *Obesity Facts*

BOOK CHAPTERS:

1. Revisional Bariatric Surgery. *Bariatric Surgery*. Editorial Mediterraneo Santiago, Chile. June 2011. Authors: Eldar S, Heneghan HM, Brethauer SA, Schauer PR.
2. Metabolic effects of bariatric surgery. *SAGES Manual*, 3e, Vol. II . Authors: Heneghan HM, Eldar S, Brethauer SA, Schauer PR
3. Complications and challenges of bariatric surgery in the super-obese patients. Prevention and management of complications in bariatric surgery. Authors: Eldar S, Eldar O, Abu Abeid S. In press

INVITED MANUSCRIPTS:

1. Eldar S, Heneghan H, Brethauer SA, Schauer PR: Treating diabetes as a surgical disease. Asian Hospital and Healthcare Management. Issue 25

ABSTRACTS OF PAPERS PRESENTED AT NATIONAL/INTERNATIONAL MEETINGS AND CONFERENCES:

1. Goitein D, Goitein O, Feigin A, Zippel D, Eldar S, Papa M: Sleeve gastrectomy: radiologic patterns after surgery. 2009 Bi-annual meeting of the Israeli Surgical Society (Poster)
2. Goitein D, Papa M, Feigin A, Eldar S: Voluntary incarceration for pre-bariatric-surgery weight loss in extremely obese patients. 2009 Bi-annual meeting of the Israeli Surgical Society (Poster)
3. Shapiro R, Eldar S, Sadot E, Papa M, Zippel D: Appendiceal carcinoids at a large tertiary center; Pathologic findings and long term follow up. ISSO 2010 annual meeting (Oral presentation)
4. Eldar S, Heneghan H, Weaver K, Schauer P, Brethauer S: RYGB with Gastric Remnant G-tube Placement in a Rat to Achieve Selective Gut Stimulation. IFSO 2010 annual meeting (Oral presentation)
5. Eldar S, Heneghan H, Brethauer S, Rogula T, Singh M, Schauer PR: Is there too obese for obesity surgery? Laparoscopic Bariatric Surgery in BMI of 70-125 kg/m<sup>2</sup>. Cleveland Clinic EMI research day 2011
6. Eldar S, Heneghan H, Weaver K, Schauer P, Brethauer S: RYGB with Gastric Remnant G-tube Placement in a Rat to Achieve Selective Gut Stimulation. WCITD 2011 annual meeting (Poster)
7. Heneghan H, Moustarah F, Eldar S, Kennedy L, Kashyap S, Chand B, Brethauer S, Rogula T, Kroh M, Schauer P Five-year follow-up of type 2 diabetic patients who underwent bariatric surgery. WCITD 2011 annual meeting (Poster)
8. Eldar S, Heneghan H, Weaver K, Schauer P, Brethauer S: RYGB with Gastric Remnant G-tube Placement in a Rat to Achieve Selective Gut Stimulation. Cleveland Clinic 6<sup>th</sup> annual obesity research day 2011
9. Eldar S, Heneghan H, Brethauer S, Rogula T, Singh M, Schauer PR: Is there too obese for obesity surgery? Laparoscopic Bariatric Surgery in BMI of 70-125 kg/m<sup>2</sup>. ASMBS 2011 (Oral presentation)

10. Helen M. Heneghan, Shai Meron Eldar, Panot Yimcharoen, Joseph Talarico, Bipan Chand, Tomasz Rogula, Stacy Brethauer, Phillip schauer; Banded Roux-en-y Gastric Bypass for the treatment of super morbid obesity: a matched cohort analysis. ASMBS 2011 (poster)
11. Eldar S; "Year-in-Review". ASMBS 2011 (oral presentation)
12. Shai Meron Eldar, Helen M. Heneghan, Olivia Dan, Kibwe Weaver, Sangeeta Kashyap, John P. Kirwan, Philip R Schauer, Stacy A Brethauer: RYGB with Gastric Remnant G-tube Placement in a Rat to Achieve Selective Gut Stimulation. ADA 71<sup>st</sup> scientific sessions meeting 2011 (Oral presentation)
13. Helen M Heneghan, Fady Moustarah, Shai Meron Eldar, Sangeeta Kashyap, John P. Kirwan, Bipan Chand, Stacy A Brethauer, Tomasz Rogula, Matt Kroh, Laurence Kennedy, Philip R Schauer; Five-Year Follow-Up of Type 2 Diabetic Patients Who Underwent Bariatric Surgery ADA 71<sup>st</sup> scientific sessions meeting 2011 (poster)
14. Heneghan H, Eldar S, Panot Yimcharoen, Joseph Talarico, Bipan Chand, Tomasz Rogula, Stacy Brethauer, Phillip schauer Banded vs. non-banded Gastric Bypass for the treatment of morbid obesity IFSO 2011 (oral presentation)
15. Eldar S, Heneghan HM, Brethauer S, Schauer PR; Bariatric surgery in the elderly – comparing the 3 major bariatric procedures. IFSO 2011 (poster)
16. Shai Eldar, Helen M. Henegha, Kevin M. El-Hayek, Gavin A. Falk, Bipan Chand, Sri Chalikonda, Matt D. Kroh, Stacy A. Brethauer, Steve Rosenblatt: Biologic mesh in a contaminated field: infected mesh removal and hernia repair in a single stage. 5<sup>th</sup> International Hernia Congress 2012 (oral presentation)
17. Hideharu Shimizu MD; Shai Meron Eldar, MD; Helen Heneghan, MD; Olivia Dan; Hazel Huang, MS; Philip R. Schauer, MD, FASMBS; John P. Kirwan, MD; Stacy A. Brethauer, MD: The effect of selective gut stimulation on glucose metabolism after gastric bypass in the zucker diabetic fatty rat model. ASMBS 2012
18. Eldar S, Heneghan HM, Brethauer S, Schauer PR; Bariatric surgery in the elderly – comparing the 3 major bariatric procedures. Joint Meeting of the Israeli Society of Colon and Rectal Surgery and the Israeli Ssociety of Endoscopic Surgery 2012.
19. Niv Pencovich M.D, Ph.D, Orit Goldray, Joseph M. Klausner M.D, Subhi Abu-Abeid M.D, Guy Lahat M.D, Shai Meron Eldar M.D; Safety and outcome of laparoscopic sleeve gastrectomy following removal of adjustable gastric banding: lessons from 109 patients in one center. Joint

Meeting of the Israeli Society of Colon and Rectal Surgery, the Israeli Society of Endoscopic Surgery and the Israeli forum of bariatric surgery, Eilat 2014.

20. Nadav Nevo MD, Subhi Abu-Abid, MD, Guy Lahat, MD, Orit Goldray, Joseph Klausner, MD, Shai Meron Eldar, MD; Converting a sleeve gastrectomy to a gastric bypass for weight loss failure- is it worth it? ASMBS 2016

21. Esther Ovdad, Shai Meron Eldar, Sivan Barda, Ido Nachmany, Joseph Klausner, Boaz Sagi; Laparoscopic repair of a morgagni hernia – a case presentation video, ISES 2016

22. Esther Ovdad, Shai Meron Eldar, Guy Lahat, Niv Pencovich, Subhi Abu-Abid; Adenocarcinoma of the stomach following laparoscopic adjustable gastric band, ISES 2016

23. Betty Batya Abitbul, Boaz Sagi, Subhi Abu-Abid, Shai Meron Eldar; The price of missing a hiatal hernia during sleeve gastrectomy. A video case presentation, ISES 2016

24. Shaul Gelikas, Shai Meron Eldar, , Guy Lahat; Anti-Factor Xa levels in patients undergoing laparoscopic sleeve gastrectomy: two different dosing regimens of enoxaparin, Bi-annual conference of the ISA 2017

25. Esther Ovdad, Subhi Abu-Abid , Ido Nachmany, Guy Lahat, Joseph Klausner, Shai Meron Eldar; Sleeve gastrectomy in the elderly, Bi-annual conference of the ISA 2017

26. A Abu-Abid M.D, Y Lessing M.D, N Pencovich M.D, Ph.D, S Meron-Eldar M.D, J Koriansky M.D, G Lahat M.D, I Nachmany MD, JM. Klausner M.D, S Abu-Abid M.D; Diabetes Resolution after Laparoscopic Single Anastomosis Gastric Bypass

Bi-annual conference of the ISA 2017

27. Y Lessing M.D\*, N Pencovich M.D, Ph.D\*, S Meron-Eldar M.D, J Koriansky M.D, G Lahat M.D, I Nachmany MD, JM. Klausner M.D, S Abu-Abid M.D; Laparoscopic single anastomosis gastric bypass:

results in 407 patients with 12 months follow up, Bi-annual conference of the ISA 2017

28. U. Neeman M.D, S. Eldar M.D, I. Nachmani M.D, J. Klausner M.D, S. Abu Abeid M.D; Laparoscopic Esophago-Gastrectomy with circular-stapled Anastomosis for a Chronic leak after Sleeve Gastrectomy - A video presentation. Bi-annual conference of the ISA 2017

29. R. Tvito-Green, Subhi Abu-Abid , Ido Nachmany, Guy Lahat, Joseph Klausner, Shai Meron Eldar; Gastric bypass as a third, fourth or even fifth bariatric operation – our experience, Bi-annual conference of the ISA 2017



30. N. Nevo, Subhi Abu-Abeid , Ido Nachmany, Joseph Klausner, Shai Meron Eldar; Sleeve gastrectomy following liver transplant – a video case presentation, Bi-annual conference of the ISA 2017

SESSION MODERATOR AT NATIONAL /INTERNATIONAL MEETINGS AND CONFERENCES:

1. Animal models in obesity research poster session moderator – ADA 71<sup>st</sup> scientific sessions meeting, 2011

INVITED LECTURES:

1. Laparoscopic Sleeve Gastrectomy: An additional surgical tool for the obese diabetic – Endocrine grand rounds, Cleveland Clinic, Dec. 2011

2. Bariatric Surgery: How does it work? The Evolving Field of Bariatric and Metabolic Gastroenterology. Jerusalem, Jan. 2014

PRIZES:

1. Eldar S, Heneghan H, Brethauer S, Rogula T, Singh M, Schauer PR; Is there too obese for obesity surgery? Laparoscopic Bariatric Surgery in BMI of 70-125 kg/m<sup>2</sup>. EMI Research day - 2<sup>nd</sup> prize

Reviewer:

Obesity Surgery