

**MICHAEL REINHORN MD FACS
CURRICULUM VITAE**

April 2023

Michael Reinhorn MD, MBA, FACS
Associate Clinical Professor – Tufts University School of Medicine
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EDUCATION

<u>Undergraduate</u>		
Sept 1988 – May 1992	BS - Engineering	Cornell University
<u>Medical School</u>		
Sept 1992 – May 1996	MD	Boston University
<u>Business School</u>		
Jan 2016 - May 2017	MBA	Brandeis University

POSTDOCTORAL TRAINING

Internship and Residencies:

July 1996 – June 1997	Intern in General Surgery, Boston University Surgical Residency Program
July 1997 – June 1998	Junior Resident in General Surgery Boston University Surgical Residency Program
July 1998 – June 1999	Senior Resident in General Surgery, Boston University Surgical Residency Program
July 1999 – June 2000	Senior Resident in General Surgery Boston University Surgical Residency Program
July 2000 – June 2001	Chief Resident in General Surgery Boston University Surgical Residency Program

LICENSURE AND CERTIFICATION

2001 – Current	Massachusetts License 209223
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2018 – Current	NH License 18998
2020 - 2022	RI License MD17273
2002 – 2023	American Board of Surgery
2008	Fundamentals of Laparoscopic Surgery #81221251548

ACADEMIC APPOINTMENTS

2021– Current	Adjunct Clinical Professor, MCPHS - Boston MA
2014 – Current	Associate Clinical Professor, Tufts University School of Medicine - Boston MA
2014 – 2021	Adjunct Clinical Associate Professor, MCPHS
2007- 2014	Assistant Clinical Professor, Tufts University School of Medicine

HOSPITAL APPOINTMENTS

2001 – 2008	Emerson Hospital – Dept of Surgery
2007 – Current	Newton-Wellesley Hospital - Dept of Surgery
2014 – Current	Boston Outpatient Surgical Suites
2019 - 2022	Nashua Ambulatory Surgery Center
2021 - Current	Surgical Center of NH in Derry

WORK EXPERIENCE

Sept 2001 – March 2007	Solo Private Practice – Emerson Hospital, Concord, MA
April 2007 – Oct 2018	Surgeon - Newton-Wellesley Surgeons Inc, Newton, MA
July 2015 – Oct 2018	Managing Partner – Newton-Wellesley Surgeons Inc.
Oct 2018 – Present	President & Owner – Boston Hernia

NATIONAL LEADERSHIP:

2021- current	American Board of Surgery - Committee for Hernia Certifying Exam Consultant
2020- current	Abdominal Core Health Quality Collaborative Americas Hernia Society Representative to the Board
2018- current	Abdominal Core Health Quality Collaborative / Americas Hernia Society Quality Collaborative - Chairperson Opioid Reduction Task Force , Co-Chair of the Development committee

NATIONAL COMMITTEES:

2018 - 2022	Americas Hernia Society Credentialing Committee
2014 – 2017	Association of Surgical Education, Committee of Clerkship Directors

2014 – 2017	Association of Surgical Education, Committee on Curriculum Participant in focus group working on a national curriculum
2014 – 2017	Association of Surgical Education, Committee on Faculty Development – developing workshop on instruction

AWARDS AND HONORS

7/2015	Locke Award presented by Newton Wellesley Hospital for medical student teaching
7/2015	Excellence in Teaching, identified by 3 rd year medical students completing 3 rd year in 2015
11/2014	Compassionate Caregiver, recognized by The Kenneth B. Schwartz Center
9/2014	TUSM Excellence in Teaching, identified by 3 rd year medical students completing 3 rd year in 2014
5/2014	TUSM Excellence in Teaching, awarded by 4 th year medical students, graduating in 2014
10/2013	TUSM Excellence in Teaching, identified by 3 rd year medical students completing 3 rd year in 2013
5/2013	TUSM Excellence in Teaching, awarded by 4 th year medical students, graduating in 2013
1/2013	Patient’s Choice Award, award given based on patient’s ratings of physician quality at vitals.com
1/2012	Patient’s Choice Award, award given based on patient’s ratings of physician quality at vitals.com
1/2012	Compassionate Doctor Recognition, award given based on patient’s bedside manner ratings of physician at vitals.com
11/2009	Compassionate Caregiver, recognized by The Kenneth B. Schwartz Center
2009	Partners In Excellence Team Award – OR throughput project, NWH

HOSPITAL, MEDICAL SCHOOL, OR UNIVERSITY COMMITTEE ASSIGNMENTS:

2020 - Present	Opioid Reduction Committee, NWH
2019 – 2021	Medical Executive Committee, NWH
2008 – 2021	Credentials Committee, Newton-Wellesley Hospital
2013 – 2017	CRICO Physician Advisory Committee
2014 – 2015	Utilization Management Committee, Newton-Wellesley Hospital
2014 – 2015	Patient Safety Steering Committee
2012 – 2013	Co-Chair, Community PO exploration committee, Newton-Wellesley Hospital
2008 – 2011	Contracts Committee PHO, Newton-Wellesley Hospital
2006 – 2007	Director, Emerson Health Care Foundation Board
2003 – 2007	Medical Staff Executive Committee, Emerson Hospital
2003 – 2007	Co-Chair, Hospital Information Systems Committee, Emerson

2003 – 2006	Director, Emerson Independent Physician Association
2002 – 2007	Pediatric Care Committee, Emerson Hospital
2002 – 2007	PHO Finance Committee, Emerson Hospital
2003 – 2005	Medical Staff Secretary, Emerson Hospital
2003	Cancer Care Committee, Emerson Hospital

HOSPITAL LEADERSHIP ROLES:

2021- present	Newton-Wellesley Physician Hospital Organization Board
2019 – 2021	Medical Executive Committee, Newton-Wellesley Hospital
2013	Developed Rapid Cycle Review Process, QPS - Newton Wellesley Hospital (CPIP project)
2010 – 2017	TUSM - Clerkship Site Director

PROFESSIONAL SOCIETIES

Fellow of the American College of Surgeons
 American Hernia Society
 Association for Surgical Education
 Massachusetts Medical Society
 Boston Surgical Society

EDITORIAL BOARDS AND ACTIVITY

Reviewer, journal Annals of Surgery
 Reviewer, journal HERNIA
 Reviewer, International Journal of Surgery Case Reports

VOLUNTEER BOARDS and INITIATIVES:

2022 – current	Humanitarian Surgery Initiative, UK - Volunteer Expert Advisor
2014 – 2015	Co-Chair, Citizens for Safety, Boston MA
2013 – 2014	Director, Citizens for Safety, Boston MA
2013 – 2018	Director, Greenwood Swim and Tennis Club, Sudbury MA
2010 – 2011	Director, ONE Lowell, Lowell MA

PROFESSIONAL DEVELOPMENT:

2013	Leadership Organizing and Action: Leading Change, Harvard Kennedy School of Government, Boston MA – Certificate Course
2013	Clinical Process Improvement and Leadership Program, Partners Healthcare, Waltham MA
2012	Teaching Scholars Program, TUSM, Boston MA
2005	American College of Physician Executives – Physicians in Management Course, Boston MA

TEACHING RESPONSIBILITIES

Medical Student

2011– 2016 Clerkship Director, Newton-Wellesley Hospital, Surgery

- Weekly didactic or rounds with 3rd year students
- Daily preceptor in office providing 1:1 instruction 16 hours per week
- Midcourse and Final feedback sessions and grading
- Curriculum development
- Clerkship organization
- Advisor and Letter writer to 3 medical students per year average, 12 students for the graduating class of 2015
- Provide deliberate anatomical intra-operative instruction
- Oral exam Preparation
- Lectures on Inguinal hernia, Gallbladder, and Business side of medical practice.

Resident

2007– Present MGH Surgery Residency Program

- Developed and facilitate curriculum for resident as teacher
- Provide formal and informal feedback to residents and program director
- Use an apprentice model to provided graduated responsibility
- Incorporated BID model for intra-operative skills teaching

BIBLIOGRAPHY AND EDUCATIONAL RESOURCES

Peer-reviewed Publications:

Primary Tissue Repair for Inguinal Hernias: The Shouldice Repair Technique and Patient Selection. Divyansh Agarwal, Robert D. Sinyard, Lauren Ott, Michael Reinhorn, Surgical Clinics of North America, 2023. <https://doi.org/10.1016/j.suc.2023.04.001>.

Comment on “Psychological disorders in patients with chronic postoperative inguinal pain”. Reinhorn, M., Ott, L. & Fullington, N. *Hernia* (2022).

Posterior mesh inguinal hernia repairs: a propensity score matched analysis of laparoscopic and robotic versus open approaches. Reinhorn, M., Fullington, N., Agarwal, D., Olson, M.A., Ott, L., Canavan, A., Pate, B., Hubertus, M., Urquiza, A., Poulouse, B. and Warren, J., 2022. *Hernia*, pp.1-12. <https://link.springer.com/article/10.1007/s10029-022-02680-0>

Predictors of low and high opioid tablet consumption after inguinal hernia repair: an ACHQC opioid reduction task force analysis. Perez AJ, Petro CC, Higgins RM, Huang LC, Phillips S, Warren J, Dews T, Reinhorn M. *Hernia*. 2022 Aug 29:1-9.

The opioid reduction task force: using the ACHQC Data Registry to combat an epidemic in hernia patients. Higgins, R.M., Petro, C.C., Warren, J., Perez A.J., Dews, T., Phillips S., Reinhorn M. *Hernia* (2022).

A pragmatic, evidence-based approach to coding for abdominal wall reconstruction
Abdominal Core Health Quality Collaborative: B K Poulouse, L-C Huang, S Phillips, J Greenberg, W Hope, R Janczyk, F Malcher, A Perez, R A Petersen, A Prabhu, M Reinhorn, J A Warren, N White, M J Rosen *Hernia* 2021 Oct.

Utilization of a Nation Registry to influence opioid prescribing behavior after hernia surgery. Reinhorn M, Dews T, Warren J *Hernia* 2021 Sept.

Patient-reported opioid analgesic requirements after elective inguinal hernia repair: A call for procedure-specific opioid-administration strategies. Mylonas KS, Reinhorn M, Ott LR, Westfal ML, Masiakos PT *Surgery* 2017 Nov

Needs assessment for a focused radiology curriculum in surgical residency: a multicenter study. Butler KL, Chang Y, DeMoya M, Feinstein A, Ferrada P, Maduekwe U, Maung AA, Melo N, Odom S, Olasky J, Reinhorn M, Smink DB, Stassen N, Wilson CT, Fagenholz P, Kaafarani H, King D, Yeh DD, Velmahos G, Stefanidis D *Am J Surg* 2016 Jan

Penetrating thoracic trauma in a pediatric population. Reinhorn M, Kaufman HL, Hirsch EF, Millham FH. *Ann Thorac Surg* 1996;61:1501-5.

Posters

Fanikos, J., Minkowitz, H., Reinhorn, M. and Quart, B., 2019, December. HTX-011 as the foundation of a non-opioid, multimodal analgesic regimen reduces the need for opioids following herniorrhaphy in a real-world study. In *Poster presented at: American Society of Health-System Pharmacists 2019 Midyear Clinical Meeting & Exhibition*

Reinhorn M, Kaufman HL, Hirsch EF, Millham FH. Penetrating thoracic trauma in a pediatric population. Proceedings of the Annual Meeting of the American Association for the Surgery of Trauma, Halifax, Nova Scotia, Sept 27-30, 1995

Invited Presentations

Reinhorn M, Shouldice - Non mesh - inguinal hernia repair invited lecture - Society of American Gastrointestinal and Endoscopic Surgeons Annual Meeting, Montreal, Canada 3/2023

Reinhorn M, Inguinal hernia repair session moderator ACHQC - ACHQC Quality Improvement Summit, March 2023 Denver Colorado

Reinhorn M, Jones P, Makhni E, Measuring and Utilizing Patient Reported Outcomes, Avant-Garde Value Improvement Summit October 2022, Boston MA

Reinhorn M, Lois A, Melland-Smith M, Open Inguinal Hernias: Elective and Tough Situations Abdominal Core Health Quality Collaborative Core insights June 13, 2022
<https://www.youtube.com/watch?v=DkEL-Nnsf-8>

Reinhorn M, Inguinal hernia repair outcomes in the ACHQC - ACHQC Quality Improvement Summit, March 2022 Denver Colorado

Reinhorn M, Moderator for Opioid Reduction Strategies - ACHQC Quality Improvement Summit, March 2022 Denver Colorado

Reinhorn M, Inguinal Hernia - Tissue Repairs: old news or the new future - Advances in Surgery online congress - November 29, 2021 (25,000 international attendees for live broadcast)

Higgins R, Perez A, Petro C, Warren J, Reinhorn M - The Opioid Reduction Task Force: Using The Abdominal Core Health Quality Collaborative To Combat An Epidemic In Hernia Patients American College of Surgeons Clinical Congress 2021

Petro C, Perez A, Higgins R, Warren J, Reinhorn M - Predictors of Low and High Opioid Tablet Consumption after Inguinal Hernia Repair – an Achqc Opioid Reduction Task Force Analysis -2021 Americas Hernia Society Annual Meeting on September 23 - 25

Higgins R, Reinhorn M - Pain Management Strategies - Session Co-moderator for ACHQC - Core Health Insights August 9, 2021

Reinhorn M High Performer - Long Term Data Entry - Tips and Tricks - ACHQC annual quality improvement summit 3/2021

Reinhorn M. Opioid Reduction Task Force Update - ACHQC - Annual meeting for the Americas Hernia Society on Demand session, 9/2020

Reinhorn M, Petro C, Perez A, Warren J - Session moderator and presenter. Opioid Reduction Techniques in Hernia Surgery - Americas Hernia Society Quality Collaborative Quality Improvement Summit, Denver CO 12/2019

Reinhorn M. Work Related Groin Injuries - Invited Lecture to New Hampshire Department of Labor Appeals Board, Concord, NH 9/2019

Reinhorn M, Pilonidal Flap Creation – MGH Advances & Controversies in Colorectal Surgery Symposium, Boston, MA, 5/2019

Reinhorn M, High Reliability Surgical Practice: Streamline for Quality Annual Meeting of the Society of American Gastrointestinal and Endoscopic Surgeons, Baltimore, MD 4/2019

Reinhorn M, Work Related Groin Injuries, Annual Work Related Injuries Workshop, Waltham, MA 3/2019

Reinhorn M, Opioid reduction strategy in hernia surgery, Annual Meeting of the American College of Surgeons Boston, MA 10/2018

Reinhorn M. Groin Injuries at Work, New Hampshire Adjuster Association Annual Meeting, Concord, NH 9/2018

Reinhorn M, Opioid measurement in hernia surgery, Annual Quality Meeting of the Americas Hernia Society Quality Collaborative, Chicago, IL 9/2018

Reinhorn M, Focused hernia clinic model, Lecture Brandeis, Heller School, Physician Executive MBA lecture, Wellesley, MA 5/2018

Reinhorn M, Post Surgical Opioid Reduction in Hernia Patients, American College of Surgeons Advocacy Day, MA State House, Boston MA 10/2017

Reinhorn M, Sbayi S, Chilingirian J, Shouldice Hospital Business Case discussion, Brandeis, Heller School, Physician Executive MBA lecture, 5/2016

Reinhorn M, Teaching surgical residents in the Operating Room, Surgery Grand Rounds, Newton-Wellesley Hospital 11/2015

Reinhorn M, Teaching medical students in the Operating Room, Surgery Grand Rounds, Newton-Wellesley Hospital 4/2015

Reinhorn M, Teaching Procedures, Medical Education Series for 4th year students, TUSM, 3/2015

Reinhorn M, Teaching in the Operating Room, Surgery Grand Rounds, Tufts Medical Center, Boston, MA, 9/2014

Reinhorn M, Teaching Medical Students, MGH Intern Boot camp, MGH, Boston, MA, 8/2014

Reinhorn M, Clinician Advocacy, Combined Grand Rounds, Emerson Hospital, Concord, MA, 3/2014

Reinhorn M, Teaching in the OR, Medical Education Series for 4th year students, TUSM, 3/2014

Reinhorn M, Physicians as Teachers, Pediatric Surgery Grand Rounds, MGH, 2/2014

Reinhorn M, Surgeons as Teachers in the OR, Surgery Grand Rounds, Newton-Wellesley Hospital, 9/2013

Reinhorn M, Surgeons as Teacher, Surgery Grand Rounds, Newton-Wellesley Hospital, 9/2012

Reinhorn M, Improving instruction of medical students, Surgery Grand Rounds, Newton-Wellesley Hospital, 9/2011

Reinhorn M, Inguinal Hernia – From Bassini to Laparoscopy and beyond, Surgery Grand Rounds, Newton-Wellesley Hospital, 2/2011

Reinhorn M, Inguinal Hernia – From Bassini to Laparoscopy and beyond, Anesthesia Grand Rounds, Newton-Wellesley Hospital, 12/8/2010

Reinhorn M, Gryska P, Advances in Laparoscopy, Internal Medicine Grand Rounds, Newton-Wellesley Hospital, 11/2007

Reinhorn M, Exploratory Laparotomy for Blunt Trauma, Invited Lecture, Northeastern University, RNFA program, 6/2005

Reinhorn M, Colon Surgery, Invited Lecture, Northeastern University RNFA Program, 6/2005

Reinhorn M, Abdominal Injuries in Sports, Community Lecture, Concord, MA, 2/2005

Reinhorn M, Laparoscopic Surgery, Combined Grand Rounds, Emerson Hospital, 12/2003

Reinhorn M, Laparoscopic Surgery, Community Lecture, Concord MA, 6/2003

Reinhorn M, Kaufman HL, Hirsch EF, Millham FH Penetrating thoracic trauma in children George H. Clowes visiting lecture series, Boston, Massachusetts, 5/1997

Educational Media

Reinhorn M, “Revision Bascom Clef-Lift Pilonidal Cystectomy” Journal of Medical Innovation, 3/2018

Reinhorn M, “The Briefing, Intraoperative Teaching, Debriefing Model of Teaching, by Roberts et al.” Educational Videotape. Produced by the Simulation Center of Newton-Wellesley Hospital, 9/2013

Reinhorn M, “Minimally Invasive Open Preperitoneal Inguinal Hernia Repair” Journal of Medical Innovation, 8/2014