

Mark Goldin

Date Prepared: 5/21/25

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Educational Background

Education

2009	MD	Internal Medicine	Albert Einstein College of Medicine
2005	AB, <i>cum laude</i>	Biology with Honors	Harvard University

Postdoctoral Training

2009-2012 Residency in Internal Medicine
University of California, San Diego
Program Director: Elaine Muchmore

Professional Development and Certification

2023	Physician Executive Leadership Development Program	Northwell Health
2023	Mathematics of Machine Learning	DeepLearning.ai (Coursera)
2022	Change Management	Northwell Health
2021	Hospital Medicine Leadership Development Program	Northwell Health
2015	Improvement Science Methodology	Northwell Health
2013	Academic Hospitalist Academy	Society of Hospital Medicine

Professional Experience

Faculty Academic Appointments

2022-Present	Professor of Medicine	Donald and Barbara Zucker School of Medicine at Hofstra/Northwell
2014-Present	Adjunct Clinical Assistant Professor of Medicine	Albert Einstein College of Medicine
2019-2022	Associate Professor of Medicine	Donald and Barbara Zucker School of Medicine at Hofstra/Northwell
2012-2019	Assistant Professor of Medicine	Donald and Barbara Zucker School of Medicine at Hofstra/Northwell

Appointments at Hospitals/Affiliated Institutions

2012-Present	Attending Physician, Hospital Medicine	Long Island Jewish Medical Center
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Other Professional Positions

2021-Present	Sentinel Reader	McMaster Online Rating of Evidence (MORE)
2018-2022	Advisory Board Member	Premier Innovation and Research Collaborative
2018-2020	Research Application Reviewer	Premier Innovation Program
2019	Advisory Board Member	Janssen Pharm. Medically Ill Advisory Board

Major Administrative Leadership Positions

Local

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2023-Present	Anticoagulation and Thrombosis Services (ACTS), System Co-Director	Northwell Health
2019-Present	Coalition of Leadership on Thrombosis, Co-Chair	Northwell Health
2017-2023	Director of Clinical Trials, Department of Medicine	Northwell Health
2016-2023	Internal Medicine Residency Interview Committee, Member 2021-2023, Core Group	North Shore University Hospital, Long Island Jewish Medical Center
2015-2020	Anticoagulation Collaborative, Team Lead (Long Island Jewish Medical Center)	Northwell Health
2017-2019	Course Director, Hospital Medicine Summit	Northwell Health
2014-2017	Director of the Advanced Clinical Experience in Medicine (Medical Student Clerkship)	Donald and Barbara Zucker School of Medicine at Hofstra/Northwell

Committee Service

Local

2022-Present	Pharmacy & Therapeutics (System Committee)	Northwell Health
2022-Present	Grand Rounds Committee, Department of Medicine	Donald and Barbara Zucker School of Medicine at Hofstra/Northwell
2021-Present	Clinical Advisory Group COVID-19 Treatment Guideline Task Force	Northwell Health
2012-Present	Sickle Cell Disease Core Group	Long Island Jewish Medical Center
2021-2023	Communications & Marketing Cmte. Northwell Health Physician Partners Board of Governors	Northwell Health
2019-2023	Performance Improvement Coordinating Group	Long Island Jewish Medical Center
2016-2023	Coalition of Leadership on Thrombosis Peripheral Committee, Founder	Northwell Health Long Island Jewish Medical Center
2021-2022	COVID-19 Inpatient Vaccination Committee, Hospital Lead	Long Island Jewish Medical Center
2021-2022	Physician Wellbeing Committee Northwell Health Physician Partners Board of Governors	Northwell Health
2015-2018	Faculty Council, Member	Donald and Barbara Zucker School of Medicine at Hofstra/Northwell
2014-2017	Second 100 Weeks Sub-committee	Donald and Barbara Zucker School of Medicine at Hofstra/Northwell
2013-2015	Venous Thromboembolism Core Measure Committee, Co-Founder and Chair	Long Island Jewish Medical Center

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2013-2015 Case Review Committee, Member Long Island Jewish Medical Center

Professional Societies

2024-Present American College of Chest Physicians
Guideline Group on Management of Patients on Oral Anticoagulant Therapy
who Require an Urgent/Emergency Surgery or with Serious/Life-threatening Bleeding

2021-Present International Society on Thrombosis and Haemostasis,
Guidance Group on Good Clinical Practice
Antithrombotic Therapy for COVID-19 Patients

2012-Present Society of Hospital Medicine
2021-Present Senior Fellow
2018-Present Fellow
2015-2016 Annual Meeting Abstract Reviewer
2014-2016 Performance Measurement and Reporting Committee, Member
2014-2015 IT Quality Subcommittee, Member

2012-Present American College of Physicians
2016-Present Fellow

2010-2011 Society of General Internal Medicine, Member

Grant Review Activities

2023 Long COVID Special Emphasis Panel Agency for Healthcare Research and Quality

Editorial Activities

Ad hoc Reviewer

2025-Present Health Informatics Journal
2024-Present Journal of the American Medical Association
2024-Present Canadian Journal of General Internal Medicine
2024-Present Journal of the American College of Cardiology: Basic to Translational Science
2024-Present Journal of General Internal Medicine
2024-Present Research and Practice in Thrombosis and Haemostasis
2023-Present Journal of the American Heart Association
2023-Present TH Open
2023-Present Clinical and Applied Thrombosis and Hemostasis
2023-Present British Journal of Haematology
2023-Present Annals of Internal Medicine, Clinical Cases
2023-Present Lancet Respiratory Medicine
2022-Present BMC Infectious Diseases
2022-Present Clinical and Experimental Medicine
2022-Present BMC Medical Research Methodology
2021-Present Cochrane Vascular
2021-Present Journal of Thrombosis and Haemostasis
2021-Present Thrombosis and Haemostasis
2021-Present Journal of the American College of Cardiology

2020-Present American Journal of Therapeutics

Honors and Prizes

2022	Excellence in Research Award – <i>Finalist</i>	Society of Hospital Medicine
2020	Hospital Medicine Academic Summit Award for Research	Donald and Barbara Zucker School of Medicine at Hofstra/Northwell
2020	Teaching Star Commendation	Albert Einstein College of Medicine
2018	Academy of Medical Educators Membership Committee	Donald and Barbara Zucker School of Medicine at Hofstra/Northwell
2009	Albert S. Kuperman Award for Field Work in Global Health	Albert Einstein College of Medicine
2008	Milton B. Rosenbluth Travel Grant	Albert Einstein College of Medicine
2008	Global Health Fellowship	Albert Einstein College of Medicine
2007	Best Short Film: “Px Dx (Physical Diagnosis)”	NY International Independent Film and Video Festival
2006	Summer Research Fellowship	Albert Einstein College of Medicine

Report of Funded and Unfunded Projects

Funding Information

Past

2023-2024	A Retrospective Project of Clinical Pathways and Outcomes of Andexanet Alfa Administration for Reversal of Critical Bleeding in Patients on Oral Direct Factor Xa Inhibitors Study Sponsor: AstraZeneca Pharmaceuticals, LP – \$323,000 Role: Principal Investigator
2020-2022	A Multicenter Randomized Study of a Universal Electronic Health Record-based IMPROVE-DD Risk Assessment Model Implementation as a Quality Improvement Project for the Prevention of Venous Thromboembolism in Hospitalized Medically Ill Patients. NCT04768036 Study Sponsor: Janssen Scientific Affairs, LLC. – \$890,000 (initial award plus extension) Role: Co-Principal Investigator
2020-2022	A Multicenter, Randomized, Placebo-Controlled, Pragmatic Phase 3 Study Investigating Efficacy and Safety of Rivaroxaban to Reduce the Risk of Major Venous and Arterial Thrombotic Events, Hospitalization, and Death in Medically Ill Outpatients with Acute, Symptomatic COVID-19 Infection (PREVENT-HD) Study Sponsor: Janssen Scientific Affairs, LLC. Role: Principal Investigator
2020-2021	Systemic Anticoagulation with Full-Dose Low Molecular Weight Heparin (LMWH) vs. Prophylactic- or Intermediate-Dose LMWH in High-Risk COVID-19 Patients (HEP-COVID) NCT04401293 Supported by the Feinstein Institutes for Medical Research, as well as the Broxmeyer Fellowship in Clinical Thrombosis

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Role: Co-Principal Investigator and Executive Committee Co-Chair

- 2020-2021 Thromboprophylaxis, Risk Factors and Outcomes in COVID-19 Infected Hospitalized Adults: A Prospective Pilot Study (CORE-19)
Study Sponsor: Janssen Scientific Affairs, LLC. – \$223,000
Role: Co-Principal Investigator
- 2017-2020 The Geriatrics/Orthopaedics Co-management Program (GOCO).
Northwell Health was selected as an alpha site to implement and disseminate American Geriatrics Society's (AGS) CoCare: Ortho™ program, a co-management effort between Geriatrics, Hospital Medicine, and Orthopaedics to standardize care of older adults with fragility hip fracture. I am clinical and educational lead at Long Island Jewish Medical Center. This program is funded by the John A. Hartford Foundation.
- 2018-2019 A Study to Quantify Use of Anticoagulation to Improve Management of Atrial Fibrillation (QUANTUM AF). ClinicalTrials.gov Identifier NCT03382613.
Study Sponsor: Janssen Scientific Affairs, LLC. – \$195,000
Role: Principal Investigator for Northwell (7 hospital sites)
A cluster-randomized trial of hospitals to evaluate the impact of quality improvement initiatives on rates of anticoagulation for stroke prevention in atrial fibrillation.
- Current
2025-Present Thrombophilia Genetic Study in the USA (TEST-US). Thrombophilia occurrence study in patients admitted to a thrombosis clinic.
Study Sponsor: Grifols, S.A.
Role: Sub-Investigator
- 2024-Present Perioperative Anticoagulant Use for Surgery Evaluation- Virtual (PAUSE-Virtual) Study
Study Sponsor: Canadian Institutes of Health Research
Role: Investigator
- 2024-Present REVERXaL- A multinational observational longitudinal study to describe the patient characteristics, health care interventions, and health outcomes of patients with major bleedings in the presence of Factor Xa inhibitor treatment
Study Sponsor: AstraZeneca Pharmaceuticals, LP
Role: Principal Investigator

Unfunded Projects

Past

- 2021-2024 Study of pharmacy-based interventions to facilitate transition from warfarin to direct oral anticoagulant (DOAC) therapy for patients requiring long-term anticoagulation. This project involves screening for medical appropriateness of DOACs as well as evaluating potential insurance coverage challenges.
- 2018-2021 Study of pharmacy-based interventions to enhance inpatient warfarin dosing safety.

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This project employs a custom online dashboard to monitor international normalized ratio (INR) overshoots to implement dose-capping and dose-reduction schemes in highly warfarin-sensitive inpatients.

Current

2024-present Study of pharmacy-based interventions to monitor and encourage judicious use of andexanet alfa for reversal of direct oral anticoagulant (DOAC)-related critical bleeding in a tertiary academic center.

Report of Local Teaching and Training

Teaching of Students in Courses

2020-2023	Advanced Clinical Experience in Medicine (clerkship)	Donald and Barbara Zucker School of Medicine at Hofstra/Northwell Third-year students, noon conference lecturer 10 hours annually
2016	Transitions Course	Donald and Barbara Zucker School of Medicine at Hofstra/Northwell Rising third-year students 10 hours
2006-2009	Cardiovascular Physiology	Albert Einstein College of Medicine First-year students, peer tutor 40 hours annually
2007-2008	Gastrointestinal/Liver Diseases	Albert Einstein College of Medicine Second-year students, peer tutor 15 hours annually
2007-2008	Neuroscience/Human Behavior	Albert Einstein College of Medicine Second-year students, peer tutor 50 hours annually
2006-2007	Clinical and Developmental Anatomy	Albert Einstein College of Medicine First-year students, peer tutor 20 hours annually

Formal Teaching of Residents, Clinical Fellows and Research Fellows

2013-2022	Noon Conference Series	Long Island Jewish Medical Center PGY-1 through PGY-5 house officers 10 hours annually <u>Topics:</u> anticoagulation; pain management
2015-2017	Nursing/Advanced Care Professional Education Series	Long Island Jewish Medical Center Registered nurse, physician assistant, and nurse practitioner staff 10 hours annually <u>Topics:</u> venous thromboembolism prophylaxis; atrial fibrillation
2012-2014	Intern Report Series	Long Island Jewish Medical Center PGY-1 house officers 10 hours annually

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Clinical Supervisory and Training Responsibilities

2012-Present Inpatient Ward Teaching Attending Long Island Jewish Medical Center
PGY-1 through PGY-5 house officers
Approximately 200 hours annually

Laboratory and Other Research Supervisory and Training Responsibilities

2023-Present Supervision of Nikolaos Tsaftaridis, MD, post-doctoral research fellow in clinical thrombosis at the Feinstein Institutes for Medical Research. Mentorship in patient care and research methods.

2022-2023 Supervision of John Kolton Smith, DO, Internal Medicine resident at Lenox Hill Hospital, Northwell Health. Daily mentorship in clinical thrombosis research methods, data management, outcomes adjudication, clinical trials recruitment, and academic writing.

2021-2023 Supervision of Ioannis Koulas, MD, MSc, post-doctoral research fellow in clinical thrombosis at the Feinstein Institutes for Medical Research. Daily mentorship in research methods, data management, outcomes adjudication, clinical trials recruitment, and academic writing.

2020-2022 Supervision of Sam Ngu, MD, Hematology/Oncology fellow at Lenox Hill Hospital, Northwell Health. Daily mentorship in clinical thrombosis research methods, data management, outcomes adjudication, clinical trials recruitment, and academic writing.

Formally Supervised Trainees

2023-Present Jack Jnani, MD
I supervised Dr. Jnani, an Internal Medicine residency trainee, on a hospital-level quality improvement project on appropriate anticoagulant choice and transition.

2021-2023 Nida Khan, MD
I supervised Dr. Khan, an Internal Medicine residency trainee, on a hospital-level quality improvement project on anticoagulation education and safety.

2021-2023 Joseph You, MD
I supervised Dr. You, an Internal Medicine residency trainee, on a hospital-level quality improvement project on anticoagulation education and safety.

2016-2017 Clancy Mullan, MD
I served as Dr. Mullan's (then a third-year medical student) mentor. He and I co-authored a case report.

2015-2016 Sarav Shah, MD
I served as Dr. Shah's (then an Orthopaedics house officer) research mentor. He and I co-authored a retrospective study and four abstracts presented nationally.

2015-2016 Lusana Ahsan, MD
I served as Dr. Ahsan's (then an Internal Medicine house officer) research mentor. She and I collaborated on a retrospective study and presented four abstracts.

2015-2016 Mohammad Kazemi, MD
I served as Dr. Kazemi's (then an Internal Medicine house officer) research mentor. He and I collaborated on a retrospective study and presented four abstracts.

2015-2016 Dev Shah, MD
I served as Dr. Shah's (then an Internal Medicine house officer) research mentor. He and I collaborated on a retrospective study and presented four abstracts.

2015-2016 Zachary Hahn, MD

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I served as Dr. Hahn's (then a third-year medical student) mentor. He and I co-authored a case report.

Residency Advising

I advised and co-authored Medicine Departmental Letters for the following third-year medical students:

2016-2017	Tamar Harel, MD
2016-2017	Alexandra King, MD
2016-2017	Kateryna Yevdokimova, MD
2016-2017	Joshua Heisler, MD
2016-2017	Philip Rubin, MD
2016-2017	Edward Traver, MD
2016-2017	Patricia Driscoll, MD, MS
2016-2017	Vinodh Mechery, MD
2016-2017	Dahlia Hassan, MD
2016-2017	Ravi Budhan, MD
2016-2017	Daniel Chu, MD
2016-2017	Alexander O'Connell, MD
2016-2017	Chih-Han Lee, MD
2016-2017	Stella Savarimuthu, MD
2016-2017	Andrea Tufano, MD
2015-2016	Zeng Chen, MD
2015-2016	Shiqian Li, MD
2015-2016	Sarah Bayefsky, MD
2015-2016	Michael Murn, MD
2015-2016	Lianne Cagnazzi, MD
2015-2016	Kristen Welch, MD
2015-2016	Jeremy Chuang, MD
2015-2016	Gary Ho, MD
2015-2016	Frances Mabrey, MD
2015-2016	Deepa Ramadurai, MD
2015-2016	Cassie Maciel, MD
2015-2016	Annie Press, MD
2014-2015	Bin Yang, MD
2014-2015	Matthew Katz, MD
2014-2015	Alan Gandler, MD
2014-2015	Fiore Mastroianni, MD
2014-2015	Daniel Bulanowski, MD
2014-2015	Alice Chau, MD
2014-2015	Alexander Blood, MD

Local Invited Presentations

2025	"Optimizing Reversal and Bleeding Outcomes Related to Direct Oral Anticoagulants" Northwell Health Department of Medicine Grand Rounds
2024	"Peri-Procedural Management of Anticoagulation" Northwell Health Department of Urology Grand Rounds
2023	"Informatics Approaches to VTE Prophylaxis"

2021	Lenox Hill Hospital Internal Medicine Noon Conference "The Management of COVID-19 Coagulopathy in Hospitalized Patients"
2021	Northwell Health Department of Medicine Grand Rounds "Managing Coagulopathy in Hospitalized COVID-19 Patients"
2021	Lenox Hill Hospital Department of Medicine Grand Rounds "VTE and Anticoagulants"
2019	Zucker School of Medicine Third-Year Student Lecture Series "Anticoagulants Boot Camp"
2016	Zucker School of Medicine Fourth-Year Student Lecture Series "Anticoagulation Update"
2016	Northwell Health Department of Medicine Grand Rounds "Process Update: Enhancing Utilization of the IMPROVE Risk Assessment Model"
2016	Northwell Health Anticoagulation Collaborative Learning Session 3 "Enhancing Utilization of the IMPROVE Risk Assessment Model"
2016	Northwell Health Anticoagulation Collaborative Learning Session 2 "Optimizing Turnaround Time for Administration of Parenteral Anticoagulation"
2015	Northwell Health Anticoagulation Collaborative Learning Session 1 "Developments in Anticoagulation: The BRIDGE Trial"
	Northwell Hospital Medicine Summit

Report of Regional, National and International Invited Teaching and Presentations

Invited Presentations and Courses

International

2022	"Dual Pathway Inhibition Strategies for High-Risk Patients with Vascular Disease" Grand Rounds – Depts. of Internal Medicine, Emergency Medicine, & Thrombosis Center Università degli Studi dell'Insubria Varese, Italy
2022	"Prevention and Treatment of COVID-associated Thrombosis" Hematology Rounds, Hamilton General Hospital McMaster University Hamilton, Ontario, Canada
2013	"Healthcare in the United States" Grand Rounds, Liaocheng People's Hospital Liaocheng, Shandong, China

National

2022	"Prevention of Thrombosis in Patients with COVID-19" Grand Rounds – University of California, San Diego San Diego, CA
2022	"Prevention of Thrombosis in Patients with COVID-19" Grand Rounds – Dignity Health Medical Group Phoenix, AZ
2022	"Prevention of VTE in COVID"

Grand Rounds – Palo Alto Medical Foundation
San Jose, CA

- 2022 “Post-Discharge Prophylaxis for Acutely Ill Medical Patients”
Grand Rounds – El Camino Health
Los Gatos/Mountain View, CA
- 2021 “Post-Discharge Prophylaxis for Acutely Ill Medical Patients”
Grand Rounds – East Jefferson General Hospital
Metairie, LA
- 2021 Panel discussion on clinical trial recruitment process and strategies.
Investigator Meeting for the PREVENT-HD study
Virtual session of US Principal Investigators
- 2017 “Redefining Co-management in Hospital Medicine.”
Podium presentation at Society of Hospital Medicine Annual Meeting
Las Vegas, NV
- 2017 “Real-Time Approaches for Evaluating a Student's Mastery of EBM.”
Workshop at Alliance for Academic Internal Medicine Annual Meeting
Baltimore, MD
- 2016 Presentation and panel discussion on clinical trial recruitment process and strategy.
Western Hemisphere Investigator Meeting for the MARINER study
Dallas, TX
- Regional
- 2022 “Prevention of Thrombosis in Patients with COVID-19”
Association of Chinese American Physicians – 27th Annual Symposium
Flushing, NY
- 2021 “Update on Thromboprophylaxis in Hospitalized COVID-19 Inpatients”
Society of Hospital Medicine – Region Chapter Meeting
Long Island, NY
- 2021 “Post-Discharge Prophylaxis for Acutely Ill Medical Patients”
Grand Rounds – New York Presbyterian-Allen Hospital
New York, NY
- 2021 “Prevention of Thrombosis in COVID-19 Inpatients”
Society of Hospital Medicine – Region Chapter Meeting
Long Island, NY
- 2018 “Extended VTE Prophylaxis for Medically Ill Patients”
World Thrombosis Day Presentation
New York, NY

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2017 "VTE Prophylaxis for Medically Ill Patients"
World Thrombosis Day Presentation
New York, NY

Report of Clinical Activities and Innovations

Current Licensure and Certification

2012-Present American Board of Internal Medicine
Participating in maintenance of certification (MOC)
2012-Present New York State Medical Board (active)
2010-2012 California Medical Board

Practice Activities

2023-Present Clinic Attending
Northwell Health Anticoagulation and Thrombosis Clinics
New Hyde Park and East 85 St. Manhattan sites

2012-Present Hospitalist Attending
Long Island Jewish Medical Center, inpatient wards
Full-time 2012-14; ~24 weeks annually 2014-2023; ~15 weeks annually 2023-present

Clinical Innovations

2010-2014 DoNoHarm Apps – I co-founded a partnership devoted to creating healthcare-themed mobile device applications, compatible with iOS and Android systems. Apps include Pocket Derm (dermatology image database), Pocket Rads (radiologic image database), and Quit With Me (a smoking cessation tool). Estimated 15,000-20,000 downloads.

Report of Education of Patients and Service to the Community

Educational Materials for Patients and the Lay Community

Those presentations below sponsored by outside entities are so noted and the sponsor is identified.

2021 The PREVENT-HD Study (Janssen) Presenter Patient education video

Recognition

2017 Profile in the *New York Times* "Diagnosis" column. June 20, 2017:
<https://www.nytimes.com/2017/07/20/magazine/why-couldnt-this-man-stop-hiccupping.html>

Report of Scholarship

Peer Reviewed Publications in Print or Other Media

Research Investigations

1. Han X, Dai D, Zhao B, Liu J, Ding H, Zhang M, Hu Q, Lu C, **Goldin M**, Takebe Y, Zhang L, Shang H. Genetic and epidemiologic characterization of HIV-1 infection In Liaoning Province, China. *J Acquir Immune Defic Syndr*. 2010 Feb;53 Suppl 1:S27-33. doi: 10.1097/QAI.0b013e3181c7d5bf. PMID: 20104106.
2. Shang H, Han X, Shi X, Zuo T, **Goldin M**, Chen D, Han B, Sun W, Wu H, Wang X, Zhang L. Genetic and neutralization sensitivity of diverse HIV-1 env clones from chronically infected

- patients in China. *J Biol Chem*. 2011 Apr 22;286(16):14531-41. doi: 10.1074/jbc.M111.224527. Epub 2011 Feb 16. PMID: 21325278; PMCID: PMC3077651.
3. Zuo T, Shi X, Liu Z, Guo L, Zhao Q, Guan T, Pan X, Jia N, Cao W, Zhou B, **Goldin M**, Zhang L. Comprehensive analysis of pathogen-specific antibody response in vivo based on an antigen library displayed on surface of yeast. *J Biol Chem*. 2011 Sep 23;286(38):33511-9. doi: 10.1074/jbc.M111.270553. Epub 2011 Jul 27. PMID: 21795672; PMCID: PMC3190923.
 4. Shah SS, Satin AM, Mullen JR, Merwin S, **Goldin M**, Sgaglione NA. Impact of recent guideline changes on aspirin prescribing after knee arthroplasty. *J Orthop Surg Res*. 2016 Oct 20;11(1):123. doi: 10.1186/s13018-016-0456-0. PMID: 27765053; PMCID: PMC5072339.
 5. **Goldin M**, Cohen J, Makhnevich A, Mulvany C, Akerman M, Sinvani L. Patterns and outcomes of prescribing venous thromboembolism prophylaxis in hospitalized older adults: a retrospective cohort study. *J Thromb Thrombolysis*. 2018 Apr;45(3):369-376. doi: 10.1007/s11239-018-1611-8. PMID: 29330739.
 6. Sinvani L, **Goldin M**, Roofeh R, Idriss N, Goldman A, Klein Z, Mendelson DA, Carney MT. Implementation of Hip Fracture Co-Management Program (AGS CoCare®: Ortho®) in a Large Health System. *J Am Geriatr Soc*. 2020 Aug;68(8):1706-1713. doi: 10.1111/jgs.16483. Epub 2020 May 11. PMID: 32391958.
 7. Cohen SL, Gianos E, Barish MA, Chatterjee S, Kohn N, Lesser M, Giannis D, Coppa K, Hirsch JS, McGinn TG, **Goldin ME**, Spyropoulos AC; Northwell Health COVID-19 Research Consortium. Prevalence and Predictors of Venous Thromboembolism or Mortality in Hospitalized COVID-19 Patients. *Thromb Haemost*. 2021 Aug;121(8):1043-1053. doi: 10.1055/a-1366-9656. Epub 2021 Jan 20. PMID: 33472255.
 8. Spyropoulos AC, Cohen SL, Gianos E, Kohn N, Giannis D, Chatterjee S, **Goldin M**, Lesser M, Coppa K, Hirsch JS, McGinn T, Barish MA; COVID-19 Consortium Group. Validation of the IMPROVE-DD risk assessment model for venous thromboembolism among hospitalized patients with COVID-19. *Res Pract Thromb Haemost*. 2021 Feb 24;5(2):296-300. doi: 10.1002/rth2.12486. PMID: 33733028; PMCID: PMC7938615.
 9. Giannis D, Barish MA, **Goldin M**, Cohen SL, Kohn N, Gianos E, Chatterjee S, Lesser M, Coppa K, Hirsch JS, McGinn T, Spyropoulos AC; COVID-19 Consortium Group. Incidence of Venous Thromboembolism and Mortality in Patients with Initial Presentation of COVID-19. *J Thromb Thrombolysis*. 2021 May;51(4):897-901. doi: 10.1007/s11239-021-02413-7. Epub 2021 Mar 5. PMID: 33665766; PMCID: PMC7932762.
 10. Giannis D, Allen SL, Tsang J, Flint S, Pinhasov T, Williams S, Tan G, Thakur R, Leung C, Snyder M, Bhatia C, Garrett D, Cotte C, Isaacs S, Gugerty E, Davidson A, Marder GS, Schnitzer A, Goldberg B, McGinn T, Davidson KW, Barish MA, Qiu M, Zhang M, **Goldin M**, Matsagkas M, Arnaoutoglou E, Spyropoulos AC. Postdischarge thromboembolic outcomes and mortality of hospitalized patients with COVID-19: the CORE-19 registry. *Blood*. 2021 May 20;137(20):2838-2847. doi: 10.1182/blood.2020010529. PMID: 33824972; PMCID: PMC8032474.

11. **Goldin M**, Giannis D, Diab W, Wang J, Khanijo S, Sharifova G, Cohen M, Lund JM, Mignatti A, Gianos E, Tafur A, Lewis PA, Cohoon K, Kittelson JM, Lesser ML, Sison CP, Rahman H, Ochani K, Hiatt WR, Dale RA, Anderson VE, Bonaca M, Halperin JL, Weitz JI, Spyropoulos AC. Treatment-Dose LMWH versus Prophylactic/Intermediate Dose Heparins in High-Risk COVID-19 Inpatients: Rationale and Design of the HEP-COVID Trial. *Thromb Haemost*. 2021 Dec;121(12):1684-1695. doi: 10.1055/a-1475-2351. Epub 2021 Apr 6. PMID: 33823560.
12. **Goldin M**, Lin SK, Kohn N, Qiu M, Cohen SL, Barish MA, Gianos E, Diaz A, Richardson S, Giannis D, Chatterjee S, Coppa K, Hirsch JS, Ngu S, Firoozan S, McGinn T, Spyropoulos AC. External validation of the IMPROVE-DD risk assessment model for venous thromboembolism among inpatients with COVID-19. *J Thromb Thrombolysis*. 2021 Nov;52(4):1032-1035. doi: 10.1007/s11239-021-02504-5. Epub 2021 Jun 19. PMID: 34146235; PMCID: PMC8214061.
13. Spyropoulos AC, Giannis D, **Goldin M**. Vascular thromboembolic events following COVID-19 hospital discharge: Incidence and risk factors. *Res Pract Thromb Haemost*. 2021 Jun 27;5(5):e12547. doi: 10.1002/rth2.12547. PMID: 34263101; PMCID: PMC8268660.
14. Ageno W, Lopes RD, **Goldin M**, Yusen RD, Albers GW, Elliott GC, Halperin JL, Hiatt WR, Maynard G, Steg PG, Weitz JI, Suh E, Lu W, Barnathan ES, Raskob GE, Spyropoulos AC. Rivaroxaban for extended thromboprophylaxis in acutely ill medical patients 75 years of age or older. *J Thromb Haemost*. 2021 Nov;19(11):2772-2780. doi: 10.1111/jth.15477. Epub 2021 Aug 17. PMID: 34314574.
15. Spyropoulos AC, **Goldin M***, Giannis D, Diab W, Wang J, Khanijo S, Mignatti A, Gianos E, Cohen M, Sharifova G, Lund JM, Tafur A, Lewis PA, Cohoon KP, Rahman H, Sison CP, Lesser ML, Ochani K, Agrawal N, Hsia J, Anderson VE, Bonaca M, Halperin JL, Weitz JI; HEP-COVID Investigators. Efficacy and Safety of Therapeutic-Dose Heparin vs Standard Prophylactic or Intermediate-Dose Heparins for Thromboprophylaxis in High-risk Hospitalized Patients With COVID-19: The HEP-COVID Randomized Clinical Trial. *JAMA Intern Med*. 2021 Dec 1;181(12):1612-1620. doi: 10.1001/jamainternmed.2021.6203. Erratum in: *JAMA Intern Med*. 2022 Feb 1;182(2):239. PMID: 34617959; PMCID: PMC8498934. ***Co-first author.**
16. Bub C, Stapleton E, Iturriaga C, Garbarino L, Aziz H, Wei N, Mota F, **Goldin ME**, Sinvani LD, Carney MT, Goldman A. Implementation of a Geriatrics-Focused Orthopaedic and Hospitalist Fracture Program Decreases Perioperative Complications and Improves Resource Utilization. *J Orthop Trauma*. 2022 Apr 1;36(4):213-217. doi: 10.1097/BOT.0000000000002258. PMID: 34483320.
17. Spyropoulos AC, **Goldin M**, Ageno W, Albers GW, Elliott CG, Hiatt WR, Halperin JL, Maynard G, Steg PG, Weitz JI, Spiro TE, Marsigliano J, Raskob GE, Barnathan ES. Rivaroxaban plus aspirin for extended thromboprophylaxis in acutely ill medical patients: insights from the MARINER trial. *TH Open*. 2022;6:e177–e183.
18. Piazza G, Spyropoulos AC, Hsia J, Goldin M, Towner WJ, Go AS, Bull TM, Weng S, Lipardi C, Barnathan ES, Bonaca MP; PREVENT-HD Investigators. Rivaroxaban for Prevention of Thrombotic Events, Hospitalization, and Death in Outpatients With COVID-19: A Randomized

- Clinical Trial. Circulation. 2023 May 8. doi: 10.1161/CIRCULATIONAHA.123.063901. Epub ahead of print. PMID: 37154020.
19. Giannis D, **Goldin M**, Rahman H, Sison CP, Lesser M, Ngu S, Tsang J, Qiu M, Sanghani S, Yeh J, Matsagkas M, Arnaoutoglou E, Spyropoulos AC. Risk factors for post-discharge major thromboembolism and mortality in hospitalized patients with COVID-19 with cardiovascular comorbidities. *Thromb Haemost*. 2023 May 5. doi: 10.1055/a-2087-3003. Epub ahead of print. PMID: 37146648.
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 21. **Goldin M**, Smith K, Koulas I, Leung T, Ravi M, Parhar S, Shah S, Floyd K, Ohanesian L, Bain R, Defonte D, Ochani K, Lin A, Patel B, Tsiftaris N, Jnani J, Spyropoulos AC. Clinical pathways and outcomes of andexanet alfa administration for reversal of critical bleeding in patients on oral direct factor Xa inhibitors. *TH Open* 2024. doi: 10.1055/a-2306-0804.
 22. **Goldin M**, Tsiftaris N, Koulas I, Solomon J, Qiu M, Leung T, Smith K, Ochani K, McGinn T, Spyropoulos AC. Universal clinical decision support tool for thromboprophylaxis in hospitalized COVID-19 patients: post-hoc analysis of the IMPROVE-DD cluster randomized trial. *J Thromb Haemost*. 2024 Aug 9:S1538-7836(24)00446-X. doi: 10.1016/j.jtha.2024.07.025.

Other Peer Reviewed Publications

1. **Goldin M**, Li J, Amirrezvani A, Riker D. A case of pseudomyxoma peritonei (PMP) associated with a primary giant cell adenocarcinoma of the lung. *J Bronchol Intervent Pulmonol*. 2012 Jan;19(1):50-3.
2. **Goldin M**, Ji L. Uvula necrosis, an atypical presentation of a sore throat. *J Emerg Med*. 2013 Jan;44(1):185-6. doi: 10.1016/j.jemermed.2011.09.001. Epub 2012 Apr 9.
3. **Goldin M**, Hahn Z. A hiccup in holiday plans. *BMJ Case Rep*. 2016 Jan 28;2016. pii bcr2015213288.
4. Mullan CW, Tariq U, **Goldin M**. Fragmented central venous catheter retained for years with minimal symptoms. *Clin Case Rep*. 2017 Jun 15;5(8):1409-1410.
5. **Goldin M**, Hughes GJ, Choudhary Z, Tariq S, Shafeeq H, Cohen J. Reversal of anticoagulation: therapeutic advances and clinical guidelines. *Am J Ther*. 25(1):e44-e52, January/February 2018.
6. Yang S, **Goldin M**. Therapeutic advances in hyponatremia: fluids, diuretics, vaptans, and more. *Am J Ther*. 25(1):e67-e72, January/February 2018.

7. **Goldin M**, Koulas I, Weitz JI, Spyropoulos A. State-of-the-art-mini review: Dual pathway inhibition to reduce arterial and venous thromboembolism. *Thromb Haemost*. 2022 Feb 21. doi: 10.1055/a-1778-1083. Epub ahead of print. PMID: 35189662.
8. Ngu S, Smith JK, **Goldin M**. Use of Anticoagulants in COVID-19: A Review. *Am J Ther*. 2022 Jul 1;29(4):e425-e436. doi: 10.1097/MJT.0000000000001515. PMID: 35476050.
9. Gianni P, **Goldin M**, Ngu S, Zafeiropoulos S, Geropoulos G, Giannis D. Complement-mediated microvascular injury and thrombosis in the pathogenesis of severe COVID-19: A review. *World J Exp Med* 2022; 12(4): 53-67 [DOI: 10.5493/wjem.v12.i4.53].
10. Koulas I, **Goldin M**, Schulman S, Spyropoulos AC. Antithrombotic therapy in the management of hospitalised patients with COVID-19. *Br J Hosp Med (Lond)*. 2023 May 2;84(5):1-11. doi: 10.12968/hmed.2022.0519. Epub 2023 May 22. PMID: 37235671.
11. Tsaftaridis N, **Goldin M**, Spyropoulos AC. System-wide thromboprophylaxis interventions for hospitalized patients at risk of venous thromboembolism: focus on cross-platform clinical decision support. *J Clin Med*. 2024, 13(7), 2133; <https://doi.org/10.3390/jcm13072133>.
12. **Goldin M**, Spyropoulos AC. Thromboembolism Risk Profiles in Non-Valvular Atrial Fibrillation: How Can Machine Learning-Based Analysis Add to Our Understanding? *J Gen Intern Med*. Published online January 13, 2025. doi:10.1007/s11606-025-09372-2
13. **Goldin M**, Tsaftaridis N, Jnani J, Spyropoulos AC. Reversal of Direct Oral Anticoagulants (DOACs) for Critical Bleeding or Urgent Procedures. *Journal of Clinical Medicine*. 2025; 14(3):1013. <https://doi.org/10.3390/jcm14031013>

Research Publications without Named Authorship

1. Lu L, Jia M, Ma Y, Yang L, Chen Z, Ho DD, Zhang L (2008). The changing face of HIV in China. *Nature*. 2008 Oct 2;455(7213):609-11. (*Acknowledgement)
2. Spyropoulos AC, Ageno W, Albers GW, Elliott CG, Halperin JL, Hiatt WR, Maynard GA, Steg PG, Weitz JI, Suh E, Spiro TE, Barnathan ES, Raskob GE; MARINER Investigators. Rivaroxaban for Thromboprophylaxis after Hospitalization for Medical Illness. *N Engl J Med*. 2018 Sep 20;379(12):1118-1127. doi: 10.1056/NEJMoa1805090. Epub 2018 Aug 26. (*Sub-investigator and recruitment lead, Long Island Jewish Medical Center, North Shore University Hospital)
3. Santos BC, Flumignan RLG, Civile VT, Atallah ÁN, Nakano LCU. Prophylactic anticoagulants for non-hospitalised people with COVID-19 (Protocol). *Cochrane Database of Systematic Reviews* 2022, Issue 4. Art. No.: CD015102. DOI: 10.1002/14651858.CD015102. (*Acknowledgement)

Non-Peer Reviewed Scientific or Medical Publications/Materials in Print or Other Media

1. Misher J, **Goldin M**, Karim I. Abnormal heart rate. In P Manu and C Karlin-Zysman (Eds.), *The Handbook of Medicine in Psychiatry*, 2nd Edition, pp. 77-88. 2015.

2. Wildstein S, Karim I, **Goldin M**. QTc Prolongation and Torsades des Pointes. In P Manu and C Karlin-Zysman (Eds.), *The Handbook of Medicine in Psychiatry, 2nd Edition*, pp. 327-332. 2015.
3. **Goldin M**, Hughes GJ, Choudhary Z, Tariq S, Shafeeq H, Cohen J. Reversal of anticoagulation: therapeutic advances and clinical guidelines. In P Manu and L Sinvani (Eds.), *Therapeutic Advances in Hospital Medicine, 1st edition*, pp. 15-28. 2019.
4. Yang S, **Goldin M**. Therapeutic advances in hyponatremia: fluids, diuretics, vaptans, and more. In P Manu and L Sinvani (Eds.), *Therapeutic Advances in Hospital Medicine, 1st edition*, pp. 77-88. 2019.
5. **Goldin M**, Cohen J, Manu P. Venous thromboembolism. In P Manu and C Karlin-Zysman (Eds.), *The Handbook of Medicine in Psychiatry, 3rd Edition*, pp. 377-386. 2020
6. Kast CL, **Goldin M**. QTc prolongation and torsades de pointes. In P Manu and C Karlin-Zysman (Eds.), *The Handbook of Medicine in Psychiatry, 3rd Edition*, pp. 331-341. 2020.
7. **Goldin M**, Spyropoulos AC. Antithrombotic management in SARS-CoV-2 infection. In: Abutalib S.A., Connors J.M., Ragni M.V. (Eds.), *Classical Hematology Expert Clinical Review: Questions and Answers*. Springer, Cham. (In press)

Professional Educational Materials or Reports, in Print or Other Media

- 2021 CME Activity Faculty. I developed and delivered Grand Rounds presentations entitled “Stop the Revolving Door: What You Need to Know about Post-Discharge Prophylaxis for Acutely Ill Medical Patients,” aimed at educating hospital providers on extended VTE prophylaxis. Sponsored by Janssen in partnership with the Academy for Continued Healthcare Learning.
- 2021 CME Activity Faculty. I developed and presented a video blog entry entitled “Post-Discharge Prophylaxis for Acutely Ill Medical Patients,” geared toward educating hospital providers on the best evidence and tools for extended venous thromboembolism prophylaxis. Sponsored by Janssen in partnership with the Academy for Continued Healthcare Learning.
- 2021 CME Activity Faculty. With colleagues I developed and presented a didactic and panel discussion video entitled “DOACs in Transition,” covering the literature, guidelines, and current research on post-discharge venous thromboembolism prophylaxis for acute medically ill patients. Sponsored by Janssen in partnership with the Academy for Continued Healthcare Learning.
- 2016 Author for Society of Hospital Medicine’s SPARK series. I created vignette-style, multiple choice, online self-assessment questions for Hematology/Oncology section (sub-category on Thrombosis, Hemostasis, and Anticoagulation).
- 2016 CME Activity Director. I reviewed a self-assessment module on Medical Professionalism from the American College of Cardiology and updated for a Hospital Medicine audience.

Clinical Guidelines and Reports

- 2022 ISTH Good Practice Statements for Antithrombotic Therapy in the Management of COVID-19
This document published with the endorsement of the International Society on Thrombosis and Haemostasis provides guidance on pre-hospital, in-hospital, and immediate post-hospital prevention and management of thrombosis in COVID-19 patients. The document serves a worldwide audience. I developed sections on vitamin K antagonists, direct oral anticoagulants,

pregnancy and post-partum patients, obesity and weight-adjusted thromboprophylaxis, and renal replacement therapy and collaborated with a panel to review the remaining sections.

- Spyropoulos AC, Connors JM, Douketis JD, **Goldin M**, Hunt BJ, Kotila TR, Lopes RD, Schulman S; International Society on Thrombosis and Haemostasis. Good practice statements for antithrombotic therapy in the management of COVID-19: Guidance from the SSC of the ISTH. *J Thromb Haemost*. 2022 Oct;20(10):2226-2236. doi: 10.1111/jth.15809. Epub 2022 Jul 29. PMID: 35906715; PMCID: PMC9349985.

2021 COVID-19 Adult Inpatient Treatment Guideline for Northwell Health

This regularly updated document guides Northwell Health providers on the care of patients hospitalized due to COVID-19. I developed the section "Anticoagulation" and collaborated with a panel to review the remaining sections.

Abstracts, Poster Presentations and Exhibits Presented at Professional Meetings

1. Jnani J, Sharma S, Ohanesian L, Schweiger K, Glater M, You J, Khan N, Hsieh J, Patel H, **Goldin M**. Warfarin to direct or anticoagulants (DOACs) transition in eligible patients: a quality improvement initiative at a quaternary academic medical center. Oral abstract presentation at American College of Cardiology 2024 meeting (Atlanta, GA).
2. Jnani J, Sharma S, Ohanesian L, Schweiger K, Glater M, You J, Khan N, Hsieh J, Patel H, **Goldin M**. Warfarin to direct or anticoagulants (DOACs) transition in eligible patients. Poster presentation at Society of Hospital Medicine 2024 meeting (San Diego, CA).
3. Tsaftaridis N, Spyropoulos AC, Koulas I, Solomon J, Smith K, Leung T, Qiu M, Ochani K, **Goldin M**. Clinical decision support tools to enhance thromboprophylaxis in order COVID-19 patients. Poster presentation at Society of Hospital Medicine 2024 meeting (San Diego, CA).
4. **Goldin M**, Smith K, Koulas I, Leung T, Ravi M, Parhar S, Shah S, Floyd K, Ohanesian L, Bain R, Defonte D, Ochani K, Spyropoulos AC. A retrospective study of clinical pathways and outcomes of andexanet alfa administration for reversal of critical bleeding or urgent surgery in patients on direct factor Xa inhibitors. Poster presentation at American Heart Association Scientific Sessions 2023 (Philadelphia, PA).
5. Spyropoulos AC, **Goldin M**, Koulas I, Solomon J, Qiu M, Ngu S, Smith K, Leung T, Ochani K, Malik F, Cohen SL, Giannis D, Khan S, McGinn T. A multicenter clustered randomized trial of a universal electronic health record-based venous thromboembolism risk assessment model as integrated clinical decision support for prevention of thromboembolism in hospitalized medically-ill patients. Late-Breaking Science session. American Heart Association Scientific Sessions 2022 (Chicago, IL).
6. Piazza G, Spyropoulos AC, Hsia J, **Goldin M**, Towner WJ, Go AS, Bull TM, Weng S, Lipardi C, Barnathan ES, Bonaca MP. Rivaroxaban to reduce the risk of major venous and arterial thrombotic events, hospitalization and death in medically ill outpatients with COVID-19: primary results of the PREVENT-HD randomized clinical trial. Late-Breaking Science session. American Heart Association Scientific Sessions 2022 (Chicago, IL).

7. Khan S, Solomon J, Malik F, Qiu M, Liu Y, **Goldin M**, Spyropoulos AC, McGinn T. Utilizing clinical decision support to combat thrombosis. Poster presentation at American Medical Informatics Association 2022 Clinical Informatics Conference (Houston, TX).
8. Spyropoulos AC, **Goldin M**, Diab W, Giannis D, Wang J, Khanijo S, Sharifova G, Cohen M, Lund JM, Mignatti A, Tafur A, Lewis PA, Cohoon K, Lesser M, Bonaca M. Treatment-dose LMWH versus prophylactic/intermediate dose heparins in high risk hospitalized COVID-19 patients (HEP-COVID Trial): primary results. Late-Breaking Clinical Trial Oral Abstract. European Society of Cardiology Congress 2021 (Virtual Conference).
9. Lin SK, **Goldin M**, Kohn N, Qiu M, Cohen SL, Barish MA, Gianos E, Giannis D, Chatterjee S, Coppa K, Diaz A, Richardson S, Hirsch JS, Ngu S, Firoozan S, McGinn T, Lesser M, Spyropoulos AC. External validation of IMPROVE-DD risk assessment model for venous thromboembolism among inpatients with COVID-19. International Society on Thrombosis and Haemostasis 2021 (Virtual Conference).
10. Ageno W, Lopes RD, **Goldin M**, Yusen R, Albers GW, Elliott CG, Halperin JL, Hiatt WR, Maynard G, Steg PG, Weitz JI, Suh EY, Lu W, Barathanan ES, Raskob GE, Spyropoulos AC. Rivaroxaban for extended thromboprophylaxis in acutely ill medical patients 75 years of age or older. International Society on Thrombosis and Haemostasis 2020 (Virtual Conference).
11. **Goldin M**, Sinvani L, Idriss N, Karlin-Zysman C, Fitterman N, Carney MT, Mendelson D. Co-management implementation with AGS CoCare: Ortho™ improves hip fracture outcomes. Poster presentation accepted to Society of Hospital Medicine 2019 Annual Meeting (National Harbor, MD). – *Innovation Finalist*
12. **Goldin M**, Ho C, Glater M, Rehmat J, Klein Z, Karlin-Zysman C. Use of a web dashboard to identify INR overshoots in high-risk patients: a warfarin dosing safety initiative. Poster presentation accepted to Society of Hospital Medicine 2019 Annual Meeting (National Harbor, MD).
13. **Goldin M**, Makhnevich A, Mulvaney C, Cohen J, Sinvani L. Patterns and outcomes of venous thromboembolism (VTE) prophylaxis prescribing in hospitalized older adults: retrospective cohort study. Poster presentation at Society of Hospital Medicine 2018 Annual Meeting (Orlando, FL, 4/2018).
14. Firoozan S, **Goldin M**. Diagnosing Creutzfeld-Jakob disease: leave no stone unturned. Poster presentation at Society of Hospital Medicine 2018 Annual Meeting (Orlando, FL, 4/2018).
15. Halbert T, **Goldin M**, Ross D, Bijol V, Weber A. Acute renal failure with a twist of bitter melon. Abstract accepted to Society of Hospital Medicine 2018 Annual Meeting (Orlando, FL, 4/2018).
16. **Goldin M**, Karlin-Zysman C, Idriss N. Can Innovative Co-Management Models Reduce Burnout? Journal of Hospital Medicine. 2017; 12 (suppl 2). Oral abstract presentation at Society of Hospital Medicine 2017 Annual Meeting (Las Vegas, NV, 5/2017).

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17. **Goldin M**, Merwin S, Ahsan L, Shah D, Kazemi M, Shah S, Mullen J, Satin A, Lesser M, Sgaglione N, Rosenberg D. Impact of recent guideline changes on aspirin prescribing after knee arthroplasty: implications for co-management. Poster presentation at Society of Hospital Medicine 2016 Annual Meeting (San Diego, CA, 3/2016).
18. **Goldin M**, Karlin-Zysman C. Building parallel co-management services in a large academic hospitalist group. Poster presentation at Society of Hospital Medicine 2016 Annual Meeting (San Diego, CA, 3/2016).
19. Shah S, Mullen J, Satin A, Merwin S, Lesser M, Ahsan L, Shah D, Kazemi M, **Goldin M**, Sgaglione N. Impact of recent guideline changes in aspirin prescribing after knee arthroplasty. Poster presentation at Orthopaedic Research Society 2016 Annual Meeting (Orlando, FL, 3/2016).
20. Shah S, Mullen J, Satin A, Merwin S, Lesser M, Ahsan L, Shah D, Kazemi M, **Goldin M**, Sgaglione N. Alignment of venous thromboembolism prophylaxis guidelines: impact on surgeon prescribing for knee arthroplasty. Poster presentation at 2016 American Academy of Orthopaedic Surgeons Annual Meeting (Orlando, FL, 3/2016).
21. Shah S, Mullen J, Satin A, Merwin S, Lesser M, Ahsan L, Shah D, Kazemi M, **Goldin M**, Sgaglione N. Alignment of venous thromboembolism prophylaxis guidelines: impact on surgeon prescribing for knee arthroplasty. Presented at 2015 International Congress on Joint Replacement Transatlantic Orthopaedic Congress (New York, NY, 10/2015).
22. **Goldin M**, Karlin-Zysman C, Rosenberg D. Real-time monitoring and targeted education: a multidisciplinary team approach to improving VTE core measure adherence. Poster presentation at Society of Hospital Medicine Annual Meeting (National Harbor, MD, 3/2015).
23. **Goldin M**, Hahn Z. Hemangioblastoma: a hiccup in holiday plans. Poster presentation at Society of Hospital Medicine Annual Meeting (National Harbor, MD, 3/2015).
24. **Goldin M**, Chen J. A case of varicella in an immunocompetent adult. Poster presentation at Society of General Internal Medicine California Regional Conference (San Francisco, 11/2010) and Annual Meeting (Phoenix, 5/2011).

Narrative Report

My professional efforts are distributed approximately: 50% clinical service, 25% research, 15% administration, 10% education.

My major clinical expertise is in thrombosis and anticoagulation. I have presented nationally and internationally on individualized risk assessment for venous thromboembolism, inpatient and post-discharge prophylaxis, COVID-19 thromboprophylaxis, reversal of critical bleeding in anticoagulated patients, and use of clinical decision support tools to increase rates of appropriate thromboprophylaxis. My clinical trials work culminated in my being named Director of Clinical Trials for the Department of

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Medicine in 2017, Co-Chair of the Northwell Coalition of Leadership on Thrombosis (CLOT) in 2019, and system Co-Director of Anticoagulation and Clinical Thrombosis Services (ACTS) in 2023.

Medical education is also a passion of mine. Less than two years following my Northwell appointment, I was named Director of the Advanced Clinical Experience in Medicine, a role I held from 2014-2017. A notable accomplishment in this role was my revamped curriculum with greater emphasis on evidence-based medicine, which I presented at the 2017 Alliance for Academic Internal Medicine meeting. I have mentored and collaborated with many students, even publishing a high-profile case report that was covered in multiple media outlets, notably the *New York Times*.

My role as an educator extends to faculty, and from 2017-2019 I was Course Director for the Northwell Hospital Medicine Summit. This CME/ABIM MOC event drew colleagues from across Northwell and regional health systems and garnered Society of Hospital Medicine co-sponsorship. These activities culminated in my induction into the Zucker School of Medicine Academy of Medical Educators in 2018.

Overall, in my career I have made important clinical and scholarly contributions as a leader in thrombosis, clinical trials, and medical education.