

# Internal Medicine Board Review Online Course

## Activity Description

The Internal Medicine Board Review online course is a high-yield intensive course designed to assist with the American Board of Internal Medicine (ABIM) Initial and Maintenance of Certification Examinations, and to provide a relevant review for daily practice.

## Target Audience

This course is designed for internal medicine physicians who are seeking a comprehensive review in internal medicine, preparing for the initial ABIM certification examination, completing their maintenance of certification knowledge modules, or preparing for the ABIM maintenance of certification examination.

## Learning Objectives

Upon conclusion of this activity, participants should be able to:

- Identify topics and content areas for personal growth to tailor self-study.
- Recognize clinical presentation of conditions critical to the practice of internal medicine and its subspecialties.
- Identify next best steps in the evaluation, diagnosis, and management of common and life-threatening conditions.
- Identify evidence-based medicine principles to answer statistical and clinical questions.

Attendance at this Mayo Clinic course does not indicate nor guarantee competence or proficiency in the performance of any procedures which may be discussed or taught in this course.

## Accreditation Statement



In support of improving patient care, Mayo Clinic College of Medicine and Science is jointly accredited by the Accreditation Council for Continuing Medical Education (ACCME), the Accreditation Council for Pharmacy Education (ACPE), and the American Nurses Credentialing Center (ANCC) to provide continuing education for the healthcare team.

## Credit Statement(s)

### AMA

Mayo Clinic College of Medicine and Science designates this enduring material for a maximum of 39.75 *AMA PRA Category 1 Credits*<sup>™</sup>. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

### American Board of Internal Medicine (ABIM)

Successful completion of this CME activity, which includes participation in the evaluation component, enables the participant to earn up to 39.75 MOC points in the American Board of Internal Medicine's (ABIM) Maintenance of Certification (MOC) program. It is the CME activity provider's responsibility to submit participant completion information to ACCME for the purpose of granting ABIM MOC credit.

### Other Healthcare Professionals

A record of attendance will be provided to all registrants for requesting credits in accordance with state nursing boards, specialty societies or other professional associations.

## Disclosure Summary

As a provider accredited by Joint Accreditation for Interprofessional Continuing Education, Mayo Clinic College of Medicine and Science must ensure balance, independence, objectivity and scientific rigor in its educational

activities. All who are in a position to control the content are required to disclose all financial relationships with any ineligible company. Faculty will also identify any off-label and/or investigational use of pharmaceuticals or instruments discussed in their content for FDA compliance.

**Listed below are individuals with control of the content of this program who have disclosed...**

**Relevant financial relationship(s) with ineligible companies:**

<b>Name</b>	<b>Nature of Relationship</b>	<b>Company</b>
Cassandra M. Braun, M.D.	Research Grant	Boehringer-Ingelheim
Abhishek J. Deshmukh, M.B.B.S.	Honoraria	AltaThera Pharmaceuticals, Biotronik, Inc., GE Healthcare, GE Precision Healthcare LLC
Kara L. Dupuy-McCauley, M.D.	Honoraria Presentation CME	Huxley Medical Respcardia
Jeffrey B. Geske, M.D.	Honoraria  Intellectual Property	Bristol-Myers Squibb Company, Cytokinetics, Inc., Putnam Inizio Prolaio, Inc.
Mary J. Kasten, M.D.	Stock Equity	Abbott Laboratories, AbbVie, Eli Lilly, Bristol Myers Squibb, Amgen, Merck, GlaxoSmithKline, Baxter International, CVS Health Corporation, Viatrix Inc, Medtronic, Zimmer Biomet, Masimo Corp, Takeda Pharmaceutical, Dexcom, Doximity, OGN, Pfizer, Varex, Zimbie
Matthew J. Koster, M.D.	Advisory Board Honoraria	Amgen Amgen, Inc., Boehringer Ingelheim Pharmaceuticals, Inc., Genesis Therapeutics, GlaxoSmithKline, Karius, Inc., Sobi, Inc.
Konstantinos Leventakos, M.D., Ph.D.	Honoraria  Research Grant	Amgen, Inc., AstraZeneca Pharmaceuticals LP, Daiichi Sankyo, Inc., MJH Life Sciences, Nexus Global Group LLC, Novartis Pharma AG AstraZeneca, Emerson Collective, Mirati Therapeutics
Rafid Mustafa, M.D.	Honoraria	Horizon Therapeutics USA, Inc.
Kalpana Muthusamy, M.B.B.S., M.D.	Research Grant	Endogenex
Karthik Ravi, M.D.	Honoraria	Medtronic, Inc., Sanofi Genzyme
Mithun V. Shah, M.D., Ph.D.	Research Grant	AbbVie, Astellas, Celgene, Kura Oncology, MRKR Therapeutics
Meera Sridharan, M.D., Ph.D.	Honoraria	Sanofi Genzyme
Jason H. Szostek, M.D.	Stock Equity	AST Spacemobile
Uma Thanarajasingam, M.D., Ph.D.	Advisory Board Intellectual Property	Bristol Myers Progentec Diagnostics, Inc.
Carrie A. Thompson, M.D.	Honoraria	Genentech
Xiao Jing (Iris) Wang, M.D.	Honoraria	Mahana Therapeutics
Ladan Zand, M.D.	Honoraria	Calliditas NA Enterprises Inc, Calliditas Therapeutics, Otsuka Pharmaceutical Co., Inc., Travers Therapeutics, Inc

**All relevant financial relationships listed for these individuals have been mitigated.**

**No relevant financial relationship(s) with ineligible companies:**

Name	
Joel D. Beachey, M.D.	Benjamin D. Nordhues, M.D.
Melissa H. Bogin, M.D.	Kharisa N. Rachmasari, M.D.
Mac Chesdachai, M.D.	David Raslau, M.D., M.P.H.
April R. Christensen, M.D., M.S.	William Sanchez, M.D.
Jeremy M. Clain, M.D.	Pankaj Shah, M.D.
Michael W. Cullen, M.D.	Mustaqeem A. Siddiqui, M.D., M.B.A.
Virginia (Ginny) A. Dines, M.D.	Sindhuja Somnidi Damodaran, M.B.B.S., M.D.
Ashley M. Egan, M.D.	Can M. Sungur, M.D., Ph.D.
Madiha Fida, M.B.B.S.	Seth R. Sweetser, M.D.
Lucinda Gruber, M.D.	Hussam Tabaja, M.D.
Alicia M. Hinze, M.D.	Matthew J. Thoendel, M.D., Ph.D.
Jill M. Huber, M.D.	Gerald W. Volcheck, M.D.
Kurt A. Kennel, M.D.	Kerry Wright, M.B.B.S. (*virtual)
Susan N. Kok, M.D.	Hao Xie, M.D., Ph.D.
William B. Leasure, M.D.	Michelle Cooper
Michael A. Mao, M.D.	Corinne Irish
Maria D. Mendoza De la Garza, M.D.	

**References to off-label and/or investigational usage(s) of pharmaceuticals or instruments in their presentation:**

Name	Manufacturer/Provider	Product/Device
Mary J. Kasten, M.D.	Gilead	Truvada on demand
Susan N. Kok, M.D.	possibly contrast enhanced mammogram	Breast imaging technique
William B. Leasure, M.D.	various	Lithium, thyroxine, buspirone, ketamine, topiramate, gabapentin

For disclosure information regarding Mayo Clinic School of Continuous Professional Development accreditation review committee member(s) please visit: <https://ce.mayo.edu/content/disclosures>.

**Disclaimer**

Participation in this Mayo Clinic educational activity does not indicate nor guarantee competence or proficiency in the performance of any procedures which may be discussed or taught in this course. You should be aware that substantive developments in the medical field covered by this recording may have occurred since the date of original release.

**Prerequisites for Participation**

There are no prerequisites needed prior to participating in this education activity.

**Method of Participation**

Participation in this activity consists of reviewing the educational material, completing the learner assessment and evaluation.

**How to Obtain Credit**

To obtain credit, complete the assessment, evaluation and submit.

## **Release and Expiration Dates**

Release Date: December 16, 2025  
Renewal Date: (If applicable)  
Expiration Date: December 15, 2028

## **Acknowledgement of Commercial Support**

No commercial support was received in the production of this activity.

## **Faculty and Course Director Listing and Credentials**

### **Course Director(s)**

April R. Christensen, M.D., M.S.  
David Raslau, M.D., M.P.H.

### **Faculty**

Abhishek J. Deshmukh, M.B.B.S.  
Alicia M. Hinze, M.D., M.H.S.  
Ashley M. Egan, M.D.  
Ben D. Nordhues, M.D.  
Can M. Sungur, M.D., Ph.D.  
Carrie A. Thompson, M.D.  
Cassandra M. Braun, M.D.  
Gerald W. Volcheck, M.D.  
Ginny A. Dines, M.D.  
Hao Xie, M.D., Ph.D.  
Hussam Tabaja, M.D.  
Iris Wang, M.D.  
Jason H. Szostek, M.D.  
Jeffrey B. Geske, M.D.  
Jeremy M. Clain, M.D.  
Jill M. Huber, M.D.  
Joel D. Beachey, M.D.  
Kalpana Muthusamy, M.B.B.S., M.D.  
Kara L. Dupuy-McCauley, M.D.  
Karthik Ravi, M.D.  
Kerry Wright, M.B.B.S.  
Kharisa N. Rachmasari, M.D.  
Konstantinos Leventakos, M.D., Ph.D.  
Kurt A. Kennel, M.D.  
Ladan Zand, M.D.  
Lucinda M. Gruber, M.D.  
Mac Chesdachai, M.D.  
Madiha Fida, M.B.B.S.  
Maria D. Mendoza De la Garza, M.D.  
Matthew J. Koster, M.D.  
Matthew J. Thoendel, M.D., Ph.D.  
Meera Sridharan, M.D., Ph.D.  
Melissa H. Bogin, M.D.  
Michael A. Mao, M.D.  
Michael W. Cullen, M.D.

Mithun V. Shah, M.D., Ph.D.  
MJ J. Kasten, M.D.  
Mustaqeem A. Siddiqui, M.D., M.B.A.  
Pankaj Shah, M.D.  
Rafid Mustafa, M.D.  
Seth R. Sweetser, M.D.  
Sindhuja Sominidi Damodaran, M.B.B.S., M.D.  
Susan N. Kok, M.D.  
Uma Thanarajasingam, M.D., Ph.D.  
William B. Leasure, M.D.  
William Sanchez, M.D.

## **Bibliographic Resources**

de la Torre BG, Albericio F. The Pharmaceutical Industry in 2023: An Analysis of FDA Drug Approvals from the Perspective of Molecules. *Molecules*. 2024 Jan 25;29(3):585. doi: 10.3390/molecules29030585. PMID: 38338330; PMCID: PMC10856271.

Chesluk BJ, Eden AR, Hansen ER, Johnson ML, Reddy SG, Bernabeo EC, Gray BM. How Physicians Prepare for Maintenance of Certification Exams: A Qualitative Study. *Acad Med*. 2019 Dec;94(12):1931-1938. doi: 10.1097/ACM.0000000000002829. PMID: 31192798.

Majety P, Daaboul Y, Rencic J. Learning Theories Versus Practice: How Do Internal Medicine Residents Study for Licensing Examinations? *Cureus*. 2023 Dec 6;15(12):e50052. doi: 10.7759/cureus.50052. PMID: 38186475; PMCID: PMC10767471.

Norcini JJ, Weng W, Boulet J, McDonald F, Lipner RS. Associations between initial American Board of Internal Medicine certification and maintenance of certification status of attending physicians and in-hospital mortality of patients with acute myocardial infarction or congestive heart failure: a retrospective cohort study of hospitalisations in Pennsylvania, USA. *BMJ Open*. 2022 Apr 24;12(4):e055558. doi: 10.1136/bmjopen-2021-055558. PMID: 35470191; PMCID: PMC9058798.

## **Copyright**

Mayo Foundation for Medical Education and Research. All rights reserved. Copyright 2025