

# MACRA EPISODE-BASED COST MEASURES CLINICAL SUBCOMMITTEE COMPOSITION (MEMBERSHIP) LIST

## **Project Title:**

MACRA Episode-Based Cost Measures - Clinical Subcommittee

## **Dates:**

April – December 2018

## **Project Overview:**

The Centers for Medicare & Medicaid Services (CMS) has contracted with Acumen, LLC to develop care episode and patient condition groups for use in cost measures to meet the requirements of the *Medicare Access and CHIP Reauthorization Act of 2015* (MACRA). The contract name is “MACRA Episode Groups and Cost Measures.” The contract number is HHSM-500-2013-13002I, Task Order HHSM-500-T00002. As part of its measure development process, CMS asks contractors to convene groups of stakeholders and experts who contribute direction and thoughtful input to the measure developer during cost measure development and maintenance.

The current Clinical Subcommittee activities build on previous clinician input gathering activities. From August – September 2016, Acumen convened a Clinical Committee comprised of more than 70 clinical experts from over 50 professional societies. This Clinical Committee provided input on the development of a draft list of episode groups and trigger codes posted by CMS in December 2016. Using that draft list as a starting point for measure development, from May 2017 – January 2018, Acumen convened the first wave of seven Clinical Subcommittees of almost 150 members affiliated with nearly 100 professional societies. These seven Clinical Subcommittees selected and provided input on the development of eight episode-based cost measures. The ten Clinical Subcommittees being convened in this second wave are: Cardiovascular Disease Management, Gastrointestinal Disease Management - Medical and Surgical, Musculoskeletal Disease Management - Non-Spine, Musculoskeletal Disease Management - Spine, Oncologic Disease Management - Medical, Radiation, and Surgical, Neuropsychiatric Disease Management, Peripheral Vascular Disease Management, Pulmonary Disease Management, Renal Disease Management, and Urologic Disease Management. Future Clinical Subcommittees under this project will be convened through separate nomination periods.

In Wave 2 of the Clinical Subcommittees, Clinical Subcommittee members build on the work of the August – September 2016 Clinical Committee and the first wave of the Clinical Subcommittees convened from May 2017 – January 2018 to provide recommendations on which episode-based cost measures to develop and the desired composition of smaller measure-specific workgroups within the Clinical Subcommittees that will build out the selected measures. The measure-specific workgroups will provide detailed input on every component of the development of episode-based cost measures throughout 2018.

Please note that the Clinical Subcommittees provide clinical expertise for the MACRA Episode-Based Cost Measure Project. Clinical Subcommittee members may have experience in areas other than their listed primary clinical specialty. The following individuals were selected and have agreed to serve as the Clinical Subcommittee members for this project.

### Cardiovascular Disease Management Clinical Subcommittee Members

Name, Credentials, and Professional Role	Organizational Affiliation, City, State	Consumer Perspective	Clinical Content	Performance Measurement	Coding and Informatics	Clinical Specialty	Conflict of Interest Disclosure
<b>Faisal Bakaen, MD</b> , Staff Cardiac Surgeon; Professor of Surgery	Cleveland Clinic, Cleveland, OH	N/A	X	N/A	N/A	Cardiac Surgery	None
<b>Mary Bedell, ACNS-BC</b> , Adult CNS	Huntington Hospital, Monrovia, CA	N/A	X	N/A	N/A	Certified Clinical Nurse Specialist	None
<b>Shyam Bhakta, MD</b> , Physician	Stark Medical Specialties, Inc., Solon, OH	N/A	X	N/A	N/A	Interventional Cardiology	None
<b>Kathleen Blake, MD, MPH</b> , Vice President, Healthcare Quality	American Medical Association, Washington, DC	N/A	X	N/A	N/A	Cardiac Electrophysiology	None
<b>James Blankenship, MD</b> , MHCM, Director of Cardiology	Geisinger, Danville, PA	N/A	X	N/A	N/A	Interventional Cardiology	Principal Investigator at Geisinger Medical Center
<b>Jennifer Bracey, MD</b> , Assistant Professor of Medicine	Medical University of South Carolina, Charleston, SC	N/A	X	N/A	N/A	Internal Medicine	None
<b>Jeremy Collins, MD</b> , Associate Professor of Radiology	Northwestern University School of Medicine, Chicago, IL	N/A	X	N/A	N/A	Diagnostic Radiology	None
<b>Cynthia Cox, MS, MBA, NP-C</b> , ACNS-BC, Cardiovascular Clinical Nurse Specialist	Northside Hospital, Loganville, GA	N/A	X	N/A	N/A	Certified Clinical Nurse Specialist	None
<b>Matthew Crim, MD, MSc, MA</b> , General Cardiologist; Assistant Professor of Medicine	Piedmont Heart Institute & Augusta University, Athens, GA	N/A	X	N/A	N/A	Cardiology	None

Name, Credentials, and Professional Role	Organizational Affiliation, City, State	Consumer Perspective	Clinical Content	Performance Measurement	Coding and Informatics	Clinical Specialty	Conflict of Interest Disclosure
<b>Maghee Disch</b> , MSN, RN, CNL, CHFN, AACC, Heart Failure Service Line Specialist	American College of Cardiology, Washington, DC	N/A	X	N/A	N/A	Cardiology	CONNECT-HF study steering committee through Duke Clinical Research Institute
<b>Mark Drazner</b> , MD, MSc, Clinical Chief of Cardiology	University of Texas Southwestern Medical Center, Dallas, TX	N/A	X	N/A	N/A	Cardiology	None
<b>Susan Dresser</b> , APRN-CNS, Director, Clinical Nurse Specialist Program	University of Oklahoma Health Sciences Center, Edmond, OK	N/A	X	N/A	N/A	Certified Clinical Nurse Specialist	None
<b>Brian Ghoshhajra</b> , MD, MBA, Service Chief, Cardiovascular Radiology	Massachusetts General Hospital, Boston, MA	N/A	X	N/A	N/A	Diagnostic Radiology	Prior consulting work (1 year prior), Siemens, Inc. and Medtronic, Inc.
<b>Linda Gillam</b> , MD, MPH, Chair, Department of Cardiovascular Medicine	Atlantic Health System, Morristown, NJ	N/A	X	N/A	N/A	Cardiology	None
<b>Nathan Goldstein</b> , MD, Physician	Icahn School of Medicine at Mount Sinai, New York, NY	N/A	X	N/A	N/A	Hospice and Palliative Care	None
<b>Keith Horvath</b> , MD, Senior Director, Clinical Transformation	Association of American Medical Colleges (AAMC), Washington, DC	N/A	X	N/A	N/A	Cardiac Surgery	None
<b>Ellen Hummel</b> , MD, Medical Director, Frankel Cardiovascular Center Palliative and Supportive Care Program; Clinical Instructor, Internal Medicine, Division of Geriatrics and Palliative Medicine	Michigan Medicine and Ann Arbor VA Health System, Ann Arbor, MI	N/A	X	N/A	N/A	Hospice and Palliative Care	None
<b>Peggy Kalowes</b> , PhD, RN, CNS, FAHA, Director, Nursing Research and Innovation	MemorialCare Long Beach Medical Center, Miller Children's & Women's Hospital, Long Beach, CA	N/A	X	N/A	N/A	Certified Clinical Nurse Specialist	None
<b>Frank Kim</b> , MD, Interventional Cardiologist	Quincy Medical Group, Quincy, IL	N/A	X	N/A	N/A	Interventional Cardiology	None

Name, Credentials, and Professional Role	Organizational Affiliation, City, State	Consumer Perspective	Clinical Content	Performance Measurement	Coding and Informatics	Clinical Specialty	Conflict of Interest Disclosure
<b>Adam Kingeter</b> , MD, Assistant Professor	Vanderbilt University Medical Center, Nashville, TN	N/A	X	N/A	N/A	Anesthesiology	None
<b>Lloyd W. Klein</b> , MD, Professor of Medicine	Rush University Medical Center, Chicago, IL	N/A	X	N/A	N/A	Cardiology	None
<b>Marvin Konstam</b> , MD, Chief Physician Executive, The Cardiovascular Center	Tufts Medical Center, Boston, MA	N/A	X	N/A	N/A	Cardiology	None
<b>Daniel Kramer</b> , MD, MPH, Cardiac Electrophysiologist	Beth Israel Deaconess Medical Center, Boston, MA	N/A	X	N/A	N/A	Cardiac Electrophysiology	None
<b>Donna Kucharski</b> , MD, Cardiac Anesthesiologist	Allegheny Health Network, Pittsburgh, PA	N/A	X	N/A	N/A	Anesthesiology	None
<b>Connie Lewis</b> , MSN, ACNP-BC, NP-C, CCRN, CHFN, FHFSa, Heart Failure Nurse Practitioner; Assistant in Medicine	Vanderbilt University Medical Center, Franklin, TN	N/A	X	N/A	N/A	Nurse Practitioner	None
<b>Dheeraj Mahajan</b> , MD, FACP, President & CEO	Chicago Internal Medicine Practice and Research (CIMPARG, SC), Oak Park, IL	N/A	X	N/A	N/A	Internal Medicine	None
<b>Michael Malone</b> , MD, Medical Director for Aurora Senior Services and Aurora at Home	Aurora Health Care, Milwaukee, WI	N/A	X	N/A	N/A	Geriatric Medicine	Inherited ownership of Abbot and Abbvie stock
<b>Susan Mayer</b> , MD, Assistant Professor	Johns Hopkins University, Baltimore, MD	N/A	X	N/A	N/A	Cardiology	None
<b>Ewen Nicol</b> , PA-C, Physician Assistant	TeamHealth, Livonia, MI	N/A	X	N/A	N/A	Geriatric Medicine	None
<b>Peter Rahko</b> , MD, Professor of Cardiovascular Medicine	University of Wisconsin School of Medicine and Public Health, Madison, WI	N/A	X	N/A	N/A	Cardiology	None
<b>Jeff Rich</b> , MD, Chairman, Strategic Operations	Cleveland Clinic, Virginia Beach, VA	N/A	X	N/A	N/A	Cardiac Surgery	None
<b>Emran Rouf</b> , MD, MBA, FACP, VP, Medical Director	Baylor Scott & White Health, Temple, TX	N/A	X	N/A	N/A	Internal Medicine	None

Name, Credentials, and Professional Role	Organizational Affiliation, City, State	Consumer Perspective	Clinical Content	Performance Measurement	Coding and Informatics	Clinical Specialty	Conflict of Interest Disclosure
<b>Sanjay Samy, MD,</b> Cardiothoracic Surgeon	Albany Medical Center, Albany, NY	N/A	X	N/A	N/A	Cardiac Surgery	None
<b>Pascha Schafer, MD,</b> Cardiologist & Medical Director, CICU	Medical College of Georgia – Augusta University, Augusta, GA	N/A	X	N/A	N/A	Cardiology	None
<b>James Scharff, MD,</b> Thoracic Surgeon	Cardiothoracic and Vascular Surgery, LLC, St. Louis, MO	N/A	X	N/A	N/A	Thoracic Surgery	None
<b>Elizabeth Schulwolf, MD,</b> Director, Division of Hospital Medicine	Loyola University Medical Center, Chicago, IL	N/A	X	N/A	N/A	Internal Medicine	None
<b>Jayesh Shah, MD,</b> Independent Contractor	South Texas Wound Associates, PA, San Antonio, TX	N/A	X	N/A	N/A	Internal Medicine	None
<b>Nishant Shah, MD, MPH,</b> Director of Nuclear Cardiology & Practicing Cardiologist	Providence VA Medical Center, Providence, RI	N/A	X	N/A	N/A	Cardiology	None
<b>Jaan Sidorov, MD, CEO &amp; President</b> of The Collaborative at the Pennsylvania Medical Society	Pennsylvania Medical Society, Harrisburg, PA	N/A	X	N/A	N/A	Internal Medicine	None
<b>Heather Smith, PT, MPH,</b> Director, Quality	American Physical Therapy Association, Alexandria, VA	N/A	X	N/A	N/A	Physical Therapist	None
<b>Brad Sutton, MD, MBA,</b> Clinical Electrophysiologist	University of Louisville, Louisville, KY	N/A	X	N/A	N/A	Cardiac Electrophysiology	None
<b>Suma Thomas, MD, MBA,</b> Vice Chairman, Strategic Operations, Heart and Vascular Institute; Cardiologist	Cleveland Clinic, Cleveland, OH	N/A	X	N/A	N/A	Cardiology	None
<b>William Van Decker, MD,</b> Professor of Medicine, Cardiology	Temple University, Philadelphia, PA	N/A	X	N/A	N/A	Cardiology	None
<b>Emily Zeitler, MD, MHS,</b> Cardiac Electrophysiologist	Duke University Hospital, Durham, NC	N/A	X	N/A	N/A	Cardiac Electrophysiology	None

## Gastrointestinal Disease Management – Medical and Surgical Clinical Subcommittee Members

Name, Credentials, and Professional Role	Organizational Affiliation, City, State	Consumer Perspective	Clinical Content	Performance Measurement	Coding and Informatics	Clinical Specialty	Conflict of Interest Disclosure
<b>Catherine Bauer</b> , RN, MSN, CGRN, Director of Endoscopy	University of Virginia Medical Center, Kents Store, VA	N/A	X	N/A	N/A	Gastroenterology	None
<b>Mary Bedell</b> , ACNS-BC, Adult CNS	Huntington Hospital, Monrovia, CA	N/A	X	N/A	N/A	Certified Clinical Nurse Specialist	None
<b>Brett Bernstein</b> , MD, Associate Professor & Director for Clinical Integration for Gastroenterology and Endoscopy, Digestive Institute, Mount Sinai Health System	Mount Sinai Beth Israel, New York, NY	N/A	X	N/A	N/A	Gastroenterology	None
<b>David Bernstein</b> , MD, Director and Chief of Hepatology	Northwell Health, Manhasset, NY	N/A	X	N/A	N/A	Gastroenterology	None
<b>Lauren Beste</b> , MD, MSc, Physician	Department of Veterans Affairs, Seattle, WA	N/A	X	N/A	N/A	Internal Medicine	None
<b>Andrew Boryan</b> , MD, Staff Anesthesiologist	Summit Health, Chambersburg, PA	N/A	X	N/A	N/A	Anesthesiology	None
<b>Joel Brill</b> , MD, Chief Medical Officer	Predictive Health, Paradise Valley, AZ	N/A	X	N/A	N/A	Gastroenterology	None
<b>Jennifer Broder</b> , MD, Vice Chair of Quality and Safety, Department of Radiology	Lahey Hospital and Medical Center, Burlington, MA	N/A	X	N/A	N/A	Diagnostic Radiology	None
<b>Steven Carpenter</b> , MD, Gastroenterologist	The Center for Digestive & Liver Health, Savannah, GA	N/A	X	N/A	N/A	Gastroenterology	None
<b>Amanda Chaney</b> , APRN, FAANP, Nurse Practitioner	Mayo Clinic, Jacksonville, FL	N/A	X	N/A	N/A	Nurse Practitioner	None

Name, Credentials, and Professional Role	Organizational Affiliation, City, State	Consumer Perspective	Clinical Content	Performance Measurement	Coding and Informatics	Clinical Specialty	Conflict of Interest Disclosure
<b>Manjil Chatterji, MD,</b> Assistant Professor; Director of MRI Fellowship; Director of UG Admissions	Mount Sinai Medical Center, New York, NY	N/A	X	N/A	N/A	Diagnostic Radiology	None
<b>Srinath Chinnakotla, MD,</b> MBA, Professor of Surgery & Director of Liver Transplantation	University of Minnesota, Minneapolis, MN	N/A	X	N/A	N/A	General Surgery	None
<b>Jeffrey Cohen, MD,</b> Chief Physician Officer	Hartford HealthCare Medical Group, Wethersfield, CT	N/A	X	N/A	N/A	Colorectal Surgery	None
<b>Lukejohn Day, MD,</b> Associate CMO for Specialty and Diagnostics	University of California, San Francisco, San Francisco, CA	N/A	X	N/A	N/A	Gastroenterology	None
<b>Judy Dusek, DNP, MSN,</b> APRN-CNS, Clinical Nurse Specialist	Via Christi Hospitals Wichita, Wichita, KS	N/A	X	N/A	N/A	Orthopedic Surgery	None
<b>Richard Dutton, MD, MBA,</b> Chief Quality Officer	US Anesthesia Partners, Dallas, TX	N/A	X	N/A	N/A	Anesthesiology	None
<b>Sarah Eakin, MD,</b> Chief, Division of Laboratory Medicine	Pathology Associates of Erie, Erie, PA	N/A	X	N/A	N/A	Pathology	None
<b>Ofor Ewelukwa, MD, MSc,</b> DLSHTM, Gastroenterologist	Digestive and Liver Disease Consultants, PA, Houston, TX	N/A	X	N/A	N/A	Gastroenterology	None
<b>Salomao Faintuch, MD,</b> Clinical Director of Interventional Radiology	Harvard Medical Faculty Physicians, Boston, MA	N/A	X	N/A	N/A	Interventional Radiology	None
<b>Dawn Francis, MD,</b> Chair, Outpatient Practice	Mayo Clinic, Jacksonville, FL	N/A	X	N/A	N/A	Gastroenterology	None

Name, Credentials, and Professional Role	Organizational Affiliation, City, State	Consumer Perspective	Clinical Content	Performance Measurement	Coding and Informatics	Clinical Specialty	Conflict of Interest Disclosure
<b>Jonathan Gal</b> , MD, FASA, Assistant Professor of Anesthesiology	Icahn School of Medicine at Mount Sinai, New York, NY	N/A	X	N/A	N/A	Anesthesiology	None
<b>Helen Gelly</b> , MD, Physician & CEO	HyperbaRx, Marietta, GA	N/A	X	N/A	N/A	Emergency Medicine	None
<b>Jason Gilleylen</b> , MD, Operations Manager	Cedars Sinai Medical Center, Los Angeles, CA	N/A	X	N/A	N/A	General Surgery	None
<b>Eric Haas</b> , MD, Chief, Division of Colon & Rectal Surgery	Houston Methodist Hospital, Houston, TX	N/A	X	N/A	N/A	Colorectal Surgery	None
<b>C. Matthew Hawkins</b> , MD, Assistant Professor	Emory University School of Medicine, Decatur, GA	N/A	X	N/A	N/A	Interventional Radiology	None
<b>John Howington</b> , MD, Cardiothoracic Surgeon	Saint Thomas Health, Nashville, TN	N/A	X	N/A	N/A	Thoracic Surgery	None
<b>Fasiha Kanwal</b> , MD, MSHS, Professor of Medicine & Chief of Gastroenterology and Hepatology	Baylor College of Medicine, Houston, TX	N/A	X	N/A	N/A	Gastroenterology	Merck/Gilead – grant support for investigator initiated research projects
<b>Caroll Koscheski</b> , MD, Physician	Gastroenterology Associates, PA, Hickory, NC	N/A	X	N/A	N/A	Gastroenterology	None
<b>Nishita Kothary</b> , MD, Professor of Radiology	Stanford University, Stanford, CA	N/A	X	N/A	N/A	Interventional Radiology	Siemens, research grant, scientific advisor and Echopixel, research grant, scientific advisor
<b>Gene Lambert</b> , MD, MBA, Staff Physician	Massachusetts General Hospital, Boston, MA	N/A	X	N/A	N/A	Internal Medicine	None
<b>Carlos Ledezma</b> , MD, Interventional Radiologist	Aris Radiology, Palm Springs, CA	N/A	X	N/A	N/A	Interventional Radiology	None
<b>Mark Levine</b> , MD, Clinical Professor of Medicine	University of Colorado, Aurora, CO	N/A	X	N/A	N/A	Geriatric Medicine	None

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<b>Jayne Lieberman</b> , MD, MBA, FACS, Vice Chair, Department of Surgery	Morsani School of Medicine, Lehigh Valley, Emmaus, PA	N/A	X	N/A	N/A	General Surgery	None
<b>Glenn Littenberg</b> , MD, Chief Medical Officer	inSite Digestive Healthcare, Pasadena, CA	N/A	X	N/A	N/A	Gastroenterology	Speakers bureau, Abbvie (Humira) Consultant, Boston Scientific
<b>Susan Nedza</b> , MD, Senior Vice President, Clinical Outcomes	MPA Healthcare Solutions, Chicago, IL	N/A	X	N/A	N/A	Emergency Medicine	None
<b>Guy Orangio</b> , MD, Professor of Clinical Surgery	Louisiana State University Department of Surgery, New Orleans, LA	N/A	X	N/A	N/A	Colorectal Surgery	None
<b>Walter Peters</b> , MD, MBA, Chief, Colon and Rectal Surgery	Baylor University Medical Center, Dallas, TX	N/A	X	N/A	N/A	Colorectal Surgery	None
<b>Carol Rees Parrish</b> , MS, RD, Nutrition Support Specialist; Nutrition Support Registered Dietitian	University of Virginia Health System, Charlottesville, VA	N/A	X	N/A	N/A	Registered Dietitian or Nutrition Professional	Presented on short bowel syndrome for Shire pharmaceuticals; authored a book published by Shire, A Patient's Guide for Managing Short Bowel Syndrome
<b>James Richter</b> , MD, Director of Quality Management	Massachusetts General Hospital, Boston, MA	N/A	X	N/A	N/A	Gastroenterology	None
<b>Vinod Rustgi</b> , MD, MBA, Professor of Medicine, of Epidemiology, and of Pathology and Lab Medicine & Clinical Director of Hepatology	Rutgers Robert Wood Johnson Medical School, New Brunswick, NJ	N/A	X	N/A	N/A	Gastroenterology	Robert Wood Johnson School of Medicine receives clinical trial support by Genfit for a NASH study on which he is a principal investigator; Speaker's Bureau for Gilead, Abbvie, and Intercept

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<b>Ammar Sarwar</b> , MD, Assistant Professor of Radiology & Interventional Radiologist	Beth Israel Deaconess Medical Center, Boston, MA	N/A	X	N/A	N/A	Interventional Radiology	None
<b>Colleen Schmitt</b> , MD, MHS, President & Gastroenterologist	Galen Medical Group, Chattanooga, TN	N/A	X	N/A	N/A	Gastroenterology	None
<b>Mary Shellnutt</b> , MSN, RN, AGCNS-BC, CGRN, Complex GI APRN	Medical City Plano, Plano, TX	N/A	X	N/A	N/A	Gastroenterology	None
<b>Shazia Siddique</b> , MD, Gastroenterology Fellow, transitioning to Instructor in July 2018	University of Pennsylvania, Philadelphia, PA	N/A	X	N/A	N/A	Gastroenterology	None
<b>Gaurav Singhvi</b> , MD, MBA, Physician Specialist	Los Angeles County Department of Health Services, Los Angeles, CA	N/A	X	N/A	N/A	Gastroenterology	None
<b>Edward Sun</b> , MD, Clinical Assistant Professor, Gastroenterology	Stony Brook University Medical Center, New York, NY	N/A	X	N/A	N/A	Gastroenterology	None
<b>Manish Thapar</b> , MD, Associate Professor of Medicine & Medical Director, Liver Transplant at Our Lady of Lourdes	Thomas Jefferson University, Philadelphia, PA	N/A	X	N/A	N/A	Gastroenterology	None
<b>Michael Volk</b> , MD, Chief of Gastroenterology	Loma Linda University, Loma Linda, CA	N/A	X	N/A	N/A	Gastroenterology	None
<b>Frances Wilson</b> , RN, CNS-BC, Wound, Ostomy & Continence Consultant	University of California, Irvine Medical Center, Orange, CA	N/A	X	N/A	N/A	Certified Clinical Nurse Specialist	None

## Musculoskeletal Disease Management - Non-Spine Clinical Subcommittee Members

Name, Credentials, and Professional Role	Organizational Affiliation, City, State	Consumer Perspective	Clinical Content	Performance Measurement	Coding and Informatics	Clinical Specialty	Conflict of Interest Disclosure
<b>Marc DeHart, MD</b> , Associate Professor, Orthopaedic Surgery	University of Texas Health Science Center at San Antonio, San Antonio, TX	N/A	X	N/A	N/A	Orthopedic Surgery	None
<b>Judy Dusek, DNP, MSN, APRN-CNS</b> , Clinical Nurse Specialist	Via Christi Hospitals Wichita, Wichita, KS	N/A	X	N/A	N/A	Orthopedic Surgery	None
<b>Richard Dutton, MD, MBA</b> , Chief Quality Officer	US Anesthesia Partners, Dallas, TX	N/A	X	N/A	N/A	Anesthesiology	None
<b>Jeremy Furniss, OTD, OTR/L, BCG</b> , Director of Quality	American Occupational Therapy Association, Little Rock, AR	N/A	X	N/A	N/A	Occupational Therapist	None
<b>Andrew Gordon, MD, PhD</b> , Physical Medicine and Rehabilitation and Primary Care Sports Medicine	Metro Orthopedics & Sports Therapy, Silver Spring, MD	N/A	X	N/A	N/A	Physical Medicine and Rehabilitation	None
<b>Robin Kamal, MD</b> , Assistant Professor	Stanford University, Redwood City, CA	N/A	X	N/A	N/A	Orthopedic Surgery	None
<b>Mark Levine, MD</b> , Clinical Professor of Medicine	University of Colorado, Aurora, CO	N/A	X	N/A	N/A	Geriatric Medicine	None
<b>Alex Limanni, MD</b> , Rheumatologist	Arthritis Centers of Texas, Dallas, TX	N/A	X	N/A	N/A	Rheumatology	None
<b>Dheeraj Mahajan, MD, FACP</b> , President & CEO	Chicago Internal Medicine Practice and Research (CIMPAR, SC), Oak Park, IL	N/A	X	N/A	N/A	Internal Medicine	None

Name, Credentials, and Professional Role	Organizational Affiliation, City, State	Consumer Perspective	Clinical Content	Performance Measurement	Coding and Informatics	Clinical Specialty	Conflict of Interest Disclosure
<b>Edward Mariano, MD, MAS, Professor; Chief of the Anesthesiology and Perioperative Care Service</b>	Stanford University School of Medicine & VA Palo Alto Health Care System, Palo Alto, CA	N/A	X	N/A	N/A	Anesthesiology	Educational program funding paid to his institution (not to him) for regional anesthesia workshops from Halyard Health and B.Braun (both manufacturers of nerve block supplies)
<b>Daniel Moon, MD, MS, MBA, Assistant Professor of Orthopedic Surgery</b>	University of Colorado, Denver, CO	N/A	X	N/A	N/A	Orthopedic Surgery	Former Washington Health Policy Fellow for the American Academy of Orthopaedic Surgeons (AAOS) who has written about payment reforms and innovations in our specialty's newsletters; Member of the American Orthopaedic Foot & Ankle Society (AOFAS) Orthopaedic Foot & Ankle Research Network (OFAR) Managerial Board
<b>Susan Nedza, MD, Senior Vice President, Clinical Outcomes</b>	MPA Healthcare Solutions, Chicago, IL	N/A	X	N/A	N/A	Emergency Medicine	None
<b>Bela Pandit, DPM, Surgeon</b>	Pandit Foot and Ankle Clinic, Chicago, IL	N/A	X	N/A	N/A	Podiatry	None
<b>David Prologo, MD, Associate Professor</b>	Emory University School of Medicine, Atlanta, GA	N/A	X	N/A	N/A	Interventional Radiology	None
<b>Adam Rana, MD, Orthopedic Surgeon</b>	Maine Medical Center, Falmouth, ME	N/A	X	N/A	N/A	Orthopedic Surgery	None

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<b>Dennis Rivenburgh, MS, ATC, PA-C, DFAAPA,</b> Director of Sports Medicine	Lifebridge Health, Cockeysville, MD	N/A	X	N/A	N/A	Sports Medicine	None
<b>Luis Rodriguez, MD,</b> Physician	Baptist Health South Florida, Miami, FL	N/A	X	N/A	N/A	Sports Medicine	None
<b>Peter Sanderson, MD,</b> MBA, Medical Director, MACRA, Informatics, and Ambulatory Regulation	Ascension, Stevens Point, WI	N/A	X	N/A	N/A	Family Medicine	None
<b>Steven Schmitt, MD, Head,</b> Section of Bone and Joint Infections; Associate Professor of Medicine	Cleveland Clinic, Cleveland, OH	N/A	X	N/A	N/A	Infectious Disease	None
<b>Heather Smith, PT, MPH,</b> Director, Quality	American Physical Therapy Association, Alexandria, VA	N/A	X	N/A	N/A	Physical Therapist	None
<b>Raymond Sullivan, MD,</b> Orthopedic Surgeon	Orthopedic Associates of Hartford, Hartford, CT	N/A	X	N/A	N/A	Orthopedic Surgery	None
<b>Phillip Ward, DPM,</b> Podiatric Physician and Surgeon	Cape Fear Valley Health System, Bethesda, MD	N/A	X	N/A	N/A	Podiatry	None
<b>Daniel Wessell, MD, PhD,</b> Musculoskeletal Radiologist	Mayo Clinic, Jacksonville, FL	N/A	X	N/A	N/A	Diagnostic Radiology	None
<b>Adolph Yates, MD,</b> Associate Professor and Vice Chair	University of Pittsburgh Medical Center, Pittsburgh, PA	N/A	X	N/A	N/A	Orthopedic Surgery	None
<b>Michael Zychowicz, DNP,</b> Professor & Director, MSN Programs	Duke University School of Nursing, Durham, NC	N/A	X	N/A	N/A	Nurse Practitioner	None

## Musculoskeletal Disease Management - Spine Clinical Subcommittee Members

Name, Credentials, and Professional Role	Organizational Affiliation, City, State	Consumer Perspective	Clinical Content	Performance Measurement	Coding and Informatics	Clinical Specialty	Conflict of Interest Disclosure
<b>J. Mark Bailey</b> , DO, PhD, FACN, Professor of Neurology and of Anesthesiology	University of Alabama, Birmingham, AL	N/A	X	N/A	N/A	Neurology	None
<b>Steven Beer</b> , MD, Neurosurgeon	Wyoming Spine and Neurosurgery Associates, Cheyenne, WY	N/A	X	N/A	N/A	Neurosurgery	Worked as a consultant for spinal companies including Medtronic, Aesculap and Atec
<b>Erica Bisson</b> , MD, MPH, Associate Professor of Neurosurgery	University of Utah, Salt Lake City, UT	N/A	X	N/A	N/A	Neurosurgery	nView – consultant
<b>Mohamad Bydon</b> , MD, Physician	Mayo Clinic, Rochester, MN	N/A	X	N/A	N/A	Neurosurgery	None
<b>John Caridi</b> , MD, Assistant Professor of Neurosurgery	Mount Sinai Health System, New York, NY	N/A	X	N/A	N/A	Neurosurgery	None
<b>Allen Chen</b> , MD, Director of Physiatry for the Daniel and Jane Och Spine Hospital at New York Presbyterian	Columbia University Medical Center, New York, NY	N/A	X	N/A	N/A	Physical Medicine and Rehabilitation	None
<b>Lawrence Frank</b> , MD, President	Spine & Sports Physiatrists, SC, Elmhurst, IL	N/A	X	N/A	N/A	Physical Medicine and Rehabilitation	None
<b>Jonathan Gal</b> , MD, FASA, Assistant Professor of Anesthesiology	Icahn School of Medicine at Mount Sinai, New York, NY	N/A	X	N/A	N/A	Anesthesiology	None
<b>Kimberly Lenington</b> , OTD, OTR/L, Assistant Professor of Clinical Occupational Therapy	Keck Hospital of University of Southern California, Los Angeles, CA	N/A	X	N/A	N/A	Occupational Therapist	None
<b>Mark Levine</b> , MD, Clinical Professor of Medicine	University of Colorado, Aurora, CO	N/A	X	N/A	N/A	Geriatric Medicine	None

Name, Credentials, and Professional Role	Organizational Affiliation, City, State	Consumer Perspective	Clinical Content	Performance Measurement	Coding and Informatics	Clinical Specialty	Conflict of Interest Disclosure
<b>Morgan Lorio</b> , MD, FACS, Orthopaedic Spine & Hand Surgeon	Hughston Clinic – Centennial Care Center, Nashville, TN	N/A	X	N/A	N/A	Orthopedic Surgery	Received royalties from Choice Medical for the Thunderbolt pedicle screw system; Sold patents for expandable cages to EIT
<b>Jay Nathan</b> , MD, House Officer	Michigan Medicine, Ann Arbor, MI	N/A	X	N/A	N/A	Neurosurgery	None
<b>Gregory Nicola</b> , MD, Radiologist	Hackensack Radiology Group, Hackensack, NJ	N/A	X	N/A	N/A	Diagnostic Radiology	None
<b>David Prologo</b> , MD, Associate Professor	Emory University School of Medicine, Atlanta, GA	N/A	X	N/A	N/A	Interventional Radiology	None
<b>Anand Rughani</b> , MD, Physician; Neurosurgery and Spine Quality Lead; Co-Chair, Maine Medical Partners Clinical Safety and Outcomes Committee	Maine Health, Cape Elizabeth, ME	N/A	X	N/A	N/A	Neurosurgery	None
<b>Peter Sanderson</b> , MD, MBA, Medical Director, MACRA, Informatics, and Ambulatory Regulation	Ascension, Stevens Point, WI	N/A	X	N/A	N/A	Family Medicine	None
<b>Byron Schneider</b> , MD, Assistant Professor, Department of Physical Medicine and Rehabilitation	Vanderbilt University Medical Center, Nashville, TN	N/A	X	N/A	N/A	Physical Medicine and Rehabilitation	Consultant, AIM Specialty Health
<b>Philip Schneider</b> , MD, Vice President; Medical Director	The Centers for Advanced Orthopaedics & Holy Cross Hospital Spine Center, Chevy Chase, MD	N/A	X	N/A	N/A	Orthopedic Surgery	Consultant for Collagen Matrix, a biologic company

Name, Credentials, and Professional Role	Organizational Affiliation, City, State	Consumer Perspective	Clinical Content	Performance Measurement	Coding and Informatics	Clinical Specialty	Conflict of Interest Disclosure
<b>David Seidenwurm, MD, FACR, Medical Director</b>	Sutter Medical Group, Sacramento, CA	N/A	X	N/A	N/A	Diagnostic Radiology	Salary – Sutter Medical group; Fees – ACR MRI accreditation; Fees – expert witness; Shareholder – Sutter Medical Group; Shareholder/director – RASMG; travel/lodging/food – ACR, NQF
<b>Virtaj Singh, MD, Medical Director; Assistant Professor of Physical Medicine and Rehabilitation</b>	Seattle Spine and Sports Medicine & University of Washington, Seattle, WA	N/A	X	N/A	N/A	Physical Medicine and Rehabilitation	None
<b>Heather Smith, PT, MPH, Director, Quality</b>	American Physical Therapy Association, Alexandria, VA	N/A	X	N/A	N/A	Physical Therapist	None
<b>Matthew Smith, MD, EMHL, Director of System Integration; Clinical Assistant Professor, Department of Orthopedics</b>	University Orthopedics, Inc. & Brown University Warren Alpert Medical School, East Greenwich, RI	N/A	X	N/A	N/A	Physical Medicine and Rehabilitation	Subscriber (part owner) of Waterfront Drive, LLC, a real estate holding company for UOI, including our East Bay Ambulatory Surgery Center; NASS travel reimbursement

## Neuropsychiatric Disease Management Clinical Subcommittee Members

Name, Credentials, and Professional Role	Organizational Affiliation, City, State	Consumer Perspective	Clinical Content	Performance Measurement	Coding and Informatics	Clinical Specialty	Conflict of Interest Disclosure
<b>Nicholas Breitborde</b> , PhD, Associate Professor	The Ohio State University, Columbus, OH	N/A	X	N/A	N/A	Clinical Psychologist	None
<b>John Cook</b> , MD, Physician	Loudoun Medical Group, PC, Leesburg, VA	N/A	X	N/A	N/A	Internal Medicine	None
<b>Alice Coombs</b> , MD, Associate Professor & Physician	Virginia Commonwealth University, Sharon, MA	N/A	X	N/A	N/A	Critical Care	None
<b>Jennifer Cowart</b> , MD, Assistant Professor of Medicine	Mayo Clinic Florida, Jacksonville, FL	N/A	X	N/A	N/A	Internal Medicine	None
<b>Naakesh Dewan</b> , MD, Chief Medical Officer, Behavioral Health	BayCare Health System, Palm Harbor, FL	N/A	X	N/A	N/A	Psychiatry	None
<b>Michael Flaum</b> , MD, Clinical Professor of Psychiatry	University of Iowa Carver College of Medicine, Iowa City, IA	N/A	X	N/A	N/A	Psychiatry	None
<b>Joshua Hirsch</b> , MD, Vice Chair and Service Line Chief of Interventional Radiology	Massachusetts General Hospital, Boston, MA	N/A	X	N/A	N/A	Diagnostic Radiology	None
<b>Renee Kinder</b> , CCC-SLP, Director of Clinical Education	Encore Rehabilitation	N/A	X	N/A	N/A	Speech Language Pathologist	None
<b>Patricia Lane</b> , RN, Administrative Director of Neuroscience	Bon Secours Health System, Midlothian, VA	N/A	X	N/A	N/A	Neurology	None
<b>Dheeraj Mahajan</b> , MD, FACP, President & CEO	Chicago Internal Medicine Practice and Research (CIMPAR, SC), Oak Park, IL	N/A	X	N/A	N/A	Internal Medicine	None
<b>Michael Malone</b> , MD, Medical Director for Aurora Senior Services and Aurora at Home	Aurora Health Care, Milwaukee, WI	N/A	X	N/A	N/A	Geriatric Medicine	Inherited ownership of Abbot and Abbvie stock

Name, Credentials, and Professional Role	Organizational Affiliation, City, State	Consumer Perspective	Clinical Content	Performance Measurement	Coding and Informatics	Clinical Specialty	Conflict of Interest Disclosure
<b>Sabrena McCarley</b> , MBA-SL, OTR/L, CLIPP, RAC-CT, Director of Clinical Operations	RehabCare, Napa, CA	N/A	X	N/A	N/A	Occupational Therapist	None
<b>Kathleen McCoy</b> , DNSc, APRN, PMHNP-BC, FNP-BC, PMHCNS-BC, FAANP, Associate Professor	University of South Alabama, McMinnville, TN	N/A	X	N/A	N/A	Nurse Practitioner	Received a one-time stipend to support work in developing interdisciplinary materials to teach NPs/PAs on Major Depression in March 2017. The corporation is known for its high ethical standards and for giving back to the community: Ludbeck-Takeda.
<b>Tracy Murphy</b> , AuD, Clinical Audiologist	North Shore Audio-Vestibular Lab, Highland Park, IL	N/A	X	N/A	N/A	Audiologist	None
<b>Gregory Nicola</b> , MD, Radiologist	Hackensack Radiology Group, Hackensack, NJ	N/A	X	N/A	N/A	Diagnostic Radiology	None
<b>Martin Radvany</b> , MD, Chief, Interventional Neuroradiology	University of Arkansas for Medical Sciences, Little Rock, AR	N/A	X	N/A	N/A	Interventional Radiology	None
<b>Marc Raphaelson</b> , MD, Neurologist	Veterans Administration Medical Center, Martinsburg, WV, Upperville, VA	N/A	X	N/A	N/A	Neurology	Speakers Bureau-Jazz Pharmaceuticals, Regulatory Consultant-American Academy of Neurology
<b>Anand Rughani</b> , MD, Physician; Neurosurgery and Spine Quality Lead; Co-Chair, Maine Medical Partners Clinical Safety and Outcomes Committee	Maine Health, Cape Elizabeth, ME	N/A	X	N/A	N/A	Neurosurgery	None

Name, Credentials, and Professional Role	Organizational Affiliation, City, State	Consumer Perspective	Clinical Content	Performance Measurement	Coding and Informatics	Clinical Specialty	Conflict of Interest Disclosure
<b>Clemens Schirmer</b> , MD, PhD, FAANS, FACS, FAHA, Director, Stroke Center; Program Director, Neurosurgery Residency Program; System Director, Cerebrovascular and Endovascular Neurosurgery	Geisinger, Wilkes-Barre, PA	N/A	X	N/A	N/A	Neurosurgery	None
<b>Dale Schumacher</b> , MD, MPH, President	Rockburn Institute, Elkridge, MD	N/A	X	N/A	N/A	Internal Medicine	None
<b>Heather Smith</b> , PT, MPH, Director, Quality	American Physical Therapy Association, Alexandria, VA	N/A	X	N/A	N/A	Physical Therapist	None

## Oncologic Disease Management – Medical, Radiation, and Surgical Clinical Subcommittee Members

Name, Credentials, and Professional Role	Organizational Affiliation, City, State	Consumer Perspective	Clinical Content	Performance Measurement	Coding and Informatics	Clinical Specialty	Conflict of Interest Disclosure
<b>Emeline Aviki</b> , MD, MBA, Obstetrics and Gynecology & Gynecologic Oncology	Memorial Sloan Kettering Cancer Center, New York, NY	N/A	X	N/A	N/A	Gynecological Oncology	None
<b>Linda Barney</b> , MD, Division Chief of General Surgery	Wright State University Department of Surgery, Dayton, OH	N/A	X	N/A	N/A	General Surgery	None
<b>Andrew Boryan</b> , MD, Staff Anesthesiologist	Summit Health, Chambersburg, PA	N/A	X	N/A	N/A	Anesthesiology	None
<b>Brent Braveman</b> , PhD, OTR/L, FAOTA, Director, Department of Rehabilitation Services	MD Anderson Cancer Center, Houston, TX	N/A	X	N/A	N/A	Occupational Therapist	None
<b>Vance Broach</b> , MD, Assistant Attending & Assistant Professor	Memorial Sloan Kettering Cancer Center, New York, NY	N/A	X	N/A	N/A	Gynecological Oncology	None
<b>Resmi Charalel</b> , MD, Assistant Professor of Radiology	Weill Cornell Medical College, New York, NY	N/A	X	N/A	N/A	Interventional Radiology	None
<b>Manjil Chatterji</b> , MD, Assistant Professor; Director of MRI Fellowship; Director of UG Admissions	Mount Sinai Medical Center, New York, NY	N/A	X	N/A	N/A	Diagnostic Radiology	None
<b>Aileen Chen</b> , MD, MPP, Senior Physician, Radiation Oncology	Dana-Farber Cancer Institute, Boston, MA	N/A	X	N/A	N/A	Radiation Oncology	None
<b>Miroslav Djokic</b> , MD, Attending Physician	University of Pittsburgh Medical Center, Pittsburgh, PA	N/A	X	N/A	N/A	Pathology	None
<b>Sarah Eakin</b> , MD, Chief, Division of Laboratory Medicine	Pathology Associates of Erie, Erie, PA	N/A	X	N/A	N/A	Pathology	None
<b>James Gajewski</b> , MD, Physician	Self-Employed, Portland, OR	N/A	X	N/A	N/A	Hematology-Oncology	None
<b>Lauren Golding</b> , MD, Radiologist	Triad Radiology Associates, Winston Salem, NC	N/A	X	N/A	N/A	Diagnostic Radiology	None
<b>Stephen Grubbs</b> , MD, FASCO, Vice President, Clinical Affairs	American Society of Clinical Oncology, Alexandria, VA	N/A	X	N/A	N/A	Medical Oncology	None

Name, Credentials, and Professional Role	Organizational Affiliation, City, State	Consumer Perspective	Clinical Content	Performance Measurement	Coding and Informatics	Clinical Specialty	Conflict of Interest Disclosure
<b>Michael Hassett</b> , MD, MPH, Medical Oncologist; Assistant Professor of Medicine; Health Services Researcher; Medical Director for Clinical Information Systems	Dana-Farber Cancer Institute & Harvard Medical School, Boston, MA	N/A	X	N/A	N/A	Medical Oncology	None
<b>Haejin In</b> , MD, MBA, MPH, Surgical Oncologist	Montefiore Medical Center & Albert Einstein College of Medicine, New York, NY	N/A	X	N/A	N/A	Surgical Oncology	None
<b>Michael Kuettel</b> , MD, MBA, PhD, Professor & Chair of Radiation Medicine	Roswell Park Cancer Institute, Buffalo, NY	N/A	X	N/A	N/A	Radiation Oncology	None
<b>Carlos Ledezma</b> , MD, Interventional Radiologist	Aris Radiology, Palm Springs, CA	N/A	X	N/A	N/A	Interventional Radiology	None
<b>Mark Levine</b> , MD, Clinical Professor of Medicine	University of Colorado, Aurora, CO	N/A	X	N/A	N/A	Geriatric Medicine	None
<b>Michele Ann Manahan</b> , MD, FACS, Associate Professor	Johns Hopkins Hospital & University, Baltimore, MD	N/A	X	N/A	N/A	Plastic and Reconstructive Surgery	None
<b>Nader Massarweh</b> , MD, MPH, Surgical Oncologist	VA Medical Center, Houston, TX	N/A	X	N/A	N/A	Surgical Oncology	None
<b>Therese Mulvey</b> , MD, Staff; Assistant Professor	Massachusetts General Hospital & Harvard Medical School, Boston, MA	N/A	X	N/A	N/A	Medical Oncology	None
<b>Kristina Newport</b> , MD, Director of Outpatient Palliative Care	Hospice & Community Care, Lancaster, PA	N/A	X	N/A	N/A	Hospice and Palliative Care	None
<b>Hon Pak</b> , MD, MBA, Chief Medical Officer	3M HIS, Clarksburg, MD	N/A	X	N/A	N/A	Dermatology	None
<b>Amar Rewari</b> , MD, MBA, Radiation Oncologist and Partner	Associates in Radiation Medicine, Rockville, MD	N/A	X	N/A	N/A	Radiation Oncology	None
<b>Howard Rogers</b> , MD, PhD, Physician	Advanced Dermatology, Mystic, CT	N/A	X	N/A	N/A	Dermatology	None
<b>Stephen Schleicher</b> , MD, MBA, Medical Oncologist	Tennessee Oncology, Nashville, TN	N/A	X	N/A	N/A	Medical Oncology	None

Name, Credentials, and Professional Role	Organizational Affiliation, City, State	Consumer Perspective	Clinical Content	Performance Measurement	Coding and Informatics	Clinical Specialty	Conflict of Interest Disclosure
<b>Deborah Schrag</b> , MD, MPH, Senior Attending Physician & Professor	Dana-Farber Cancer Institute Center for Outcomes and Policy Research, Harvard Medical School, Boston, MA	N/A	X	N/A	N/A	Medical Oncology	None
<b>Aamir Siddiqui</b> , MD, Physician	Henry Ford Hospital, Detroit, MI	N/A	X	N/A	N/A	Plastic and Reconstructive Surgery	None
<b>Heather Smith</b> , PT, MPH, Director, Quality	American Physical Therapy Association, Alexandria, VA	N/A	X	N/A	N/A	Physical Therapist	None
<b>Jon Ver Halen</b> , MD, FACS, President & CEO	Ver Halen Aesthetics and Plastic Surgery, Dallas, TX	N/A	X	N/A	N/A	Plastic and Reconstructive Surgery	None
<b>Anne Voss</b> , PhD, RD, Visiting Professor and Consultant in Nutrition Research Design	University of Alberta, Palm Bay, FL	N/A	X	N/A	N/A	Registered Dietitian or Nutrition Professional	None
<b>Paul Wallner</b> , DO, Senior Vice President for Medical Affairs; Associate Executive Director for Radiation Oncology	21st Century Oncology, Inc. & American Board of Radiology, Moorestown, NJ	N/A	X	N/A	N/A	Radiation Oncology	None
<b>Jeffery Ward</b> , MD, Medical Oncologist	Swedish Cancer Institute, Edmonds, WA	N/A	X	N/A	N/A	Medical Oncology	None
<b>Tracey Weisberg</b> , MD, President & Lead Physician	New England Cancer Specialists, Scarborough, ME	N/A	X	N/A	N/A	Medical Oncology	None
<b>Amanda Wheeler</b> , MD, Clinical Associate Professor of Surgery	Stanford University School of Medicine, Stanford, CA	N/A	X	N/A	N/A	General Surgery	None
<b>Vicky Whelchel</b> , APRN, Advanced Practice Registered Nurse	St. Bernards Surgical Associates, Jonesboro, AR	N/A	X	N/A	N/A	Certified Clinical Nurse Specialist	None
<b>Robin Zon</b> , MD, FACP, FASCO, Vice President & Senior Partner	Michiana Hematology Oncology, South Bend, IN	N/A	X	N/A	N/A	Medical Oncology	None

## Peripheral Vascular Disease Management Clinical Subcommittee Members

Name, Credentials, and Professional Role	Organizational Affiliation, City, State	Consumer Perspective	Clinical Content	Performance Measurement	Coding and Informatics	Clinical Specialty	Conflict of Interest Disclosure
<b>Francesco Aiello, MD</b> , Associate Professor of Surgery	University of Massachusetts Medical School, Worcester, MA	N/A	X	N/A	N/A	Vascular Surgery	Lutonix CONFIRM Trial Phase IV, 2016-2020
<b>Kimon Bekelis, MD</b> , Assistant Professor	The Dartmouth Institute for Health Policy and Clinical Practice	N/A	X	N/A	N/A	Neurosurgery	None
<b>Rocco Ciocca, MD</b> , Director of Division of Vascular Surgery	MetroHealth Medical Center, Cleveland, OH	N/A	X	N/A	N/A	Vascular Surgery	None
<b>Susan Dresser, APRN-CNS</b> , Director, Clinical Nurse Specialist Program	University of Oklahoma Health Sciences Center, Edmond, OK	N/A	X	N/A	N/A	Certified Clinical Nurse Specialist	None
<b>Yazan Duwayri, MD</b> , Associate Professor of Surgery	Emory University School of Medicine, Atlanta, GA	N/A	X	N/A	N/A	Vascular Surgery	None
<b>Christopher Goltz, MD</b> , Vascular Surgeon	Michigan Vascular Center, Flint, MI	N/A	X	N/A	N/A	Vascular Surgery	None
<b>Richard Gray, MD</b> , Medical Director	Azura Vascular Access Care, Philadelphia, PA	N/A	X	N/A	N/A	Interventional Radiology	None
<b>Caitlin Hicks, MD, MS</b> , Fellow, Vascular Surgery and Endovascular Therapy	Johns Hopkins Hospital, Baltimore, MD	N/A	X	N/A	N/A	Vascular Surgery	None
<b>Brad Johnson, MD</b> , Vascular Surgeon	University of South Florida, Tampa, FL	N/A	X	N/A	N/A	Vascular Surgery	Johnson BL, Phase III, Multi-Center Randomized, Double-Blind, Placebo-Controlled Trial; Corgentech, Inc., 2002-present; Co-Investigator NIH/NINDS, CREST Carotid Revascularization Endarterectomy vs. Stent Trial, 2002-present; Co-Investigator, Department of Veterans Affairs

Name, Credentials, and Professional Role	Organizational Affiliation, City, State	Consumer Perspective	Clinical Content	Performance Measurement	Coding and Informatics	Clinical Specialty	Conflict of Interest Disclosure
<b>Carlos Ledezma</b> , MD, Interventional Radiologist	Aris Radiology, Palm Springs, CA	N/A	X	N/A	N/A	Interventional Radiology	None
<b>Evan Lipsitz</b> , MD, MBA, Chief, Division of Vascular and Endovascular Surgery	Montefiore Medical Center, Bronx, NY	N/A	X	N/A	N/A	Vascular Surgery	None
<b>Robert Lookstein</b> , MD, Vice Chair of Radiology	Mount Sinai Health System, New York, NY	N/A	X	N/A	N/A	Interventional Radiology	None
<b>Demetrios Macris</b> , MD, Vascular Surgeon	Peripheral Vascular Associates, San Antonio, TX	N/A	X	N/A	N/A	Peripheral Vascular Disease	None
<b>Jeffrey Martinez</b> , MD, Vascular Surgeon	Peripheral Vascular Associates, San Antonio, TX	N/A	X	N/A	N/A	Peripheral Vascular Disease	None
<b>Jay Nathan</b> , MD, House Officer	Michigan Medicine, Ann Arbor, MI	N/A	X	N/A	N/A	Neurosurgery	None
<b>Martin Radvany</b> , MD, Chief, Interventional Neuroradiology	University of Arkansas for Medical Sciences, Little Rock, AR	N/A	X	N/A	N/A	Interventional Radiology	None
<b>Marc Robins</b> , DO, Medical Director	Intermountain Healthcare, Pleasant Grove, UT	N/A	X	N/A	N/A	Family Medicine	None
<b>Patrick Ryan</b> , MD, Physician	Nashville Vascular and Vein Institute, Nashville, TN	N/A	X	N/A	N/A	Vascular Surgery	None
<b>Clemens Schirmer</b> , MD, PhD, FAANS, FACS, FAHA, Director, Stroke Center; Program Director, Neurosurgery Residency Program; System Director, Cerebrovascular and Endovascular Neurosurgery	Geisinger, Wilkes-Barre, PA	N/A	X	N/A	N/A	Neurosurgery	None
<b>Marlin Schul</b> , MD, RVT, FACPh, CPI, Medical Director	Indiana Vascular Associates, LLC, Lafayette, IN	N/A	X	N/A	N/A	Emergency Medicine	None

Name, Credentials, and Professional Role	Organizational Affiliation, City, State	Consumer Perspective	Clinical Content	Performance Measurement	Coding and Informatics	Clinical Specialty	Conflict of Interest Disclosure
<b>Paula Shireman, MD, MS</b> , Professor, Department of Surgery, Division of Vascular and Endovascular Surgery and Department of Microbiology, Immunology and Molecular Genetics	University of Texas Health Science Center at San Antonio, San Antonio, TX	N/A	X	N/A	N/A	Vascular Surgery	None
<b>Matthew Sideman, MD</b> , Associate Professor of Surgery	University of Texas Health Science Center at San Antonio, San Antonio, TX	N/A	X	N/A	N/A	Vascular Surgery	None
<b>Ezequiel Silva, MD</b> , Medical Director of Radiology, Methodist Hospital	South Texas Radiology Group, San Antonio, TX	N/A	X	N/A	N/A	Interventional Radiology	None
<b>Daniel Simon, MD</b> , Chief Medical Officer	Vascular Management Associates & Maryland Cardiology Associates, Morristown, NJ	N/A	X	N/A	N/A	Interventional Radiology	Consultant with Terumo Medial, Abbott Vascular, Philips
<b>David Stroman, MD</b> , Physician	Privia Medical Group, North Texas, Fort Worth, TX	N/A	X	N/A	N/A	Vascular Surgery	Consultant, Maquet
<b>Jon Ver Halen, MD, FACS</b> , President & CEO	Ver Halen Aesthetics and Plastic Surgery, Dallas, TX	N/A	X	N/A	N/A	Plastic and Reconstructive Surgery	None
<b>Mitchell Weinberg, MD</b> , System Director, Peripheral Intervention	Northwell Health, Manhasset, NY	N/A	X	N/A	N/A	Interventional Cardiology	None
<b>Bryan Wells, MD, FACC, FSVM, FASE</b> , Assistant Professor of Medicine, Division of Cardiology	Emory University Hospital and School of Medicine, Atlanta, GA	N/A	X	N/A	N/A	Cardiology	None
<b>Frances Wilson, RN, CNS-BC</b> , Wound, Ostomy & Continence Consultant	University of California, Irvine Medical Center, Orange, CA	N/A	X	N/A	N/A	Certified Clinical Nurse Specialist	None

## Pulmonary Disease Management Clinical Subcommittee Members

Name, Credentials, and Professional Role	Organizational Affiliation, City, State	Consumer Perspective	Clinical Content	Performance Measurement	Coding and Informatics	Clinical Specialty	Conflict of Interest Disclosure
<b>Bibb Allen, Jr.</b> , MD, Physician	Grandview Medical Center, Birmingham, AL	N/A	X	N/A	N/A	Diagnostic Radiology	None
<b>Amy Aronsky</b> , DO, Senior Medical Director	CareCentrix, Hartford, CT	N/A	X	N/A	N/A	Pulmonary Disease	None
<b>Taison Bell</b> , MD, Assistant Professor	University of Virginia, Charlottesville, VA	N/A	X	N/A	N/A	Critical Care	None
<b>Don Bukstein</b> , MD, Physician	Allergy, Asthma & Sinus Center, SC, Madison, WI	N/A	X	N/A	N/A	Allergy	None
<b>Shannon Butkus</b> , PhD, CCC-SLP, Executive Director	Butkus & Associates	N/A	X	N/A	N/A	Speech Language Pathologist	None
<b>Manjil Chatterji</b> , MD, Assistant Professor; Director of MRI Fellowship; Director of UG Admissions	Mount Sinai Medical Center, New York, NY	N/A	X	N/A	N/A	Diagnostic Radiology	None
<b>Aaron Cheng</b> , MD, Thoracic Surgeon & Critical Care Intensivist	University of Washington Department of Surgery, Division of Cardiothoracic Surgery, Seattle, WA	N/A	X	N/A	N/A	Thoracic Surgery	None
<b>Alice Coombs</b> , MD, Associate Professor & Physician	Virginia Commonwealth University, Sharon, MA	N/A	X	N/A	N/A	Critical Care	None
<b>Katherine Courtright</b> , MD, MS, Instructor of Medicine	University of Pennsylvania, Philadelphia, PA	N/A	X	N/A	N/A	Pulmonary Disease	None
<b>Judy Dusek</b> , DNP, MSN, APRN-CNS, Clinical Nurse Specialist	Via Christi Hospitals Wichita, Wichita, KS	N/A	X	N/A	N/A	Orthopedic Surgery	None
<b>Sarah Eakin</b> , MD, Chief, Division of Laboratory Medicine	Pathology Associates of Erie, Erie, PA	N/A	X	N/A	N/A	Pathology	None
<b>Kathleen Ellstrom</b> , PhD, ACNS-BC, Pulmonary Clinical Nurse Specialist	Veterans Administration, Grand Terrace, CA	N/A	X	N/A	N/A	Pulmonary Disease	None
<b>Salomao Faintuch</b> , MD, Clinical Director of Interventional Radiology	Harvard Medical Faculty Physicians, Boston, MA	N/A	X	N/A	N/A	Interventional Radiology	None

Name, Credentials, and Professional Role	Organizational Affiliation, City, State	Consumer Perspective	Clinical Content	Performance Measurement	Coding and Informatics	Clinical Specialty	Conflict of Interest Disclosure
<b>Carolyn Fruci</b> , MD, Pulmonary Physician	PrimaCare, Fall River, MA	N/A	X	N/A	N/A	Pulmonary Disease	None
<b>Amit Gupta</b> , MD, Assistant Professor of Clinical Radiology	Stony Brook University Hospital, Stony Brook, NY	N/A	X	N/A	N/A	Interventional Radiology	None
<b>Jayesh Kanuga</b> , MD, Private Practice	Adult and Pediatric Allergist of Central Jersey, Edison, NJ	N/A	X	N/A	N/A	Allergy	None
<b>Carlos Ledezma</b> , MD, Interventional Radiologist	Aris Radiology, Palm Springs, CA	N/A	X	N/A	N/A	Interventional Radiology	None
<b>Chet McCauley</b> , DNP, RN, ACNS-BC, CRN, Pulmonary Clinical Nurse Specialist	Hoag Hospital, Newport Beach, CA	N/A	X	N/A	N/A	Certified Clinical Nurse Specialist	None
<b>Gregg Pane</b> , MD, Senior Director	Association of American Medical Colleges (AAMC), Washington, DC	N/A	X	N/A	N/A	Emergency Medicine	None
<b>Sarah Peterson</b> , PhD, RD, Assistant Professor	Rush University Medical Center, Chicago, IL	N/A	X	N/A	N/A	Pulmonary Disease	None
<b>Akhilesh Sista</b> , MD, Associate Professor	New York University, New York, NY	N/A	X	N/A	N/A	Interventional Radiology	None
<b>Gary Steven</b> , MD, PhD, Allergist & Owner	Allergy, Asthma & Sinus Center, Greenfield, WI	N/A	X	N/A	N/A	Allergy	None
<b>Jamieson Wilcox</b> , OTD, OTR/L, Assistant Professor of Clinical Occupational Therapy	University of Southern California, Los Angeles, CA	N/A	X	N/A	N/A	Occupational Therapist	None

## Renal Disease Management Clinical Subcommittee Members

Name, Credentials, and Professional Role	Organizational Affiliation, City, State	Consumer Perspective	Clinical Content	Performance Measurement	Coding and Informatics	Clinical Specialty	Conflict of Interest Disclosure
<b>Scott Bieber</b> , DO, Clinical Associate Professor; Medical Director	University of Washington & Northwest Kidney Centers, Seattle, WA	N/A	X	N/A	N/A	Nephrology	None
<b>Eileen Brewer</b> , MD, FAAP, Medical Director, Renal Transplantation; Attending Physician, Pediatric Renal Service	Texas Children's Hospital & Baylor College of Medicine, Houston, TX	N/A	X	N/A	N/A	Pediatric Medicine	None
<b>Manjil Chatterji</b> , MD, Assistant Professor; Director of MRI Fellowship; Director of UG Admissions	Mount Sinai Medical Center, New York, NY	N/A	X	N/A	N/A	Diagnostic Radiology	None
<b>Srinath Chinnakotla</b> , MD, MBA, Professor of Surgery & Director of Liver Transplantation	University of Minnesota, Minneapolis, MN	N/A	X	N/A	N/A	General Surgery	None
<b>Salomao Faintuch</b> , MD, Clinical Director of Interventional Radiology	Harvard Medical Faculty Physicians, Boston, MA	N/A	X	N/A	N/A	Interventional Radiology	None
<b>Namirah Jamshed</b> , MD, Associate Professor & Medical Director, HBPC Program	UT Southwestern Medical Center, Dallas, TX	N/A	X	N/A	N/A	Geriatric Medicine	None
<b>Terry Ketchersid</b> , MD, MBA, Senior Vice President and Chief Medical Officer	Fresenius Medical Care North America, Waltham, MA	N/A	X	N/A	N/A	Nephrology	Employee of Fresenius Medical Care
<b>Daniel Lam</b> , MD, Clinical Assistant Professor	University of Washington, Seattle, WA	N/A	X	N/A	N/A	Nephrology	None
<b>Carlos Ledezma</b> , MD, Interventional Radiologist	Aris Radiology, Palm Springs, CA	N/A	X	N/A	N/A	Interventional Radiology	None

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<b>Jessie Pavlinac</b> , MS, RD, Director, Clinical Nutrition, Food & Nutrition Services	Oregon Health & Science University, Portland, OR	N/A	X	N/A	N/A	Registered Dietitian or Nutrition Professional	None
<b>David Roer</b> , MD, FACP, FASH, FASN, Associate Clinical Professor of Medicine	Yale University School of Medicine, Middlebury, CT	N/A	X	N/A	N/A	Nephrology	Vice President Medical Affairs for DaVita Healthcare Partners
<b>Jane Schell</b> , MD, Assistant Professor of Palliative Care and Nephrology	University of Pittsburgh Medical Center, Pittsburgh, PA	N/A	X	N/A	N/A	Hospice and Palliative Care	Palliative care consultant for nonprofit dialysis company, Dialysis Clinic, Inc.
<b>Jennifer Scherer</b> , MD, Assistant Professor	New York University School of Medicine, New York, NY	N/A	X	N/A	N/A	Hospice and Palliative Care	None
<b>Jaan Sidorov</b> , MD, CEO & President of The Collaborative at the Pennsylvania Medical Society	Pennsylvania Medical Society, Harrisburg, PA	N/A	X	N/A	N/A	Internal Medicine	None
<b>Geoffrey Teehan</b> , MD, MS, FACP, Medical Director	Lankenau Hospital, Division of Nephrology, Wynnewood, PA	N/A	X	N/A	N/A	Nephrology	None

## Urologic Disease Management Clinical Subcommittee Members

Name, Credentials, and Professional Role	Organizational Affiliation, City, State	Consumer Perspective	Clinical Content	Performance Measurement	Coding and Informatics	Clinical Specialty	Conflict of Interest Disclosure
<b>C. Ryan Barnes, MD,</b> Physician	Virginia Urology	N/A	X	N/A	N/A	Urology	None
<b>Manjil Chatterji, MD,</b> Assistant Professor, Director of MRI Fellowship; Director of UG Admissions	Mount Sinai Medical Center, New York, NY	N/A	X	N/A	N/A	Diagnostic Radiology	None
<b>Ronald Chen, MD, MPH,</b> Director, UNC Cyberknife Program	University of North Carolina, Chapel Hill, NC	N/A	X	N/A	N/A	Radiation Oncology	None
<b>Purushottam Dixit, MD,</b> Core Faculty, Assistant Professor	Beaumont Health, Royal Oak, MI	N/A	X	N/A	N/A	Interventional Radiology	None
<b>Robert Dowling, MD,</b> Urologist	Advanced Urology Institute, Ocala, FL	N/A	X	N/A	N/A	Urology	None
<b>Richard Dutton, MD, MBA,</b> Chief Quality Officer	US Anesthesia Partners, Dallas, TX	N/A	X	N/A	N/A	Anesthesiology	None
<b>Sarah Eakin, MD,</b> Chief, Division of Laboratory Medicine	Pathology Associates of Erie, Erie, PA	N/A	X	N/A	N/A	Pathology	None
<b>Tanaz Ferzandi, MD, MBA, MA,</b> Director, Division of Urogynecology & President of Medical Staff Office	Tufts Medical Center, Boston, MA	N/A	X	N/A	N/A	Urology	None
<b>Lindsey Herrel, MD, MS,</b> Assistant Professor	University of Michigan, Ann Arbor, MI	N/A	X	N/A	N/A	Urology	None
<b>Juana Hutchinson-Colas, MD,</b> Associate Professor	Rutgers Robert Wood Johnson Medical School, Teaneck, NJ	N/A	X	N/A	N/A	Obstetrics & Gynecology	None
<b>Deborah Kaye, MD, MSc,</b> Clinical Lecturer	University of Michigan, Ann Arbor, MI	N/A	X	N/A	N/A	Urology	None
<b>Alec Koo, MD,</b> Director of OCM	Skyline Urology, Torrance, CA	N/A	X	N/A	N/A	Urology	None

Name, Credentials, and Professional Role	Organizational Affiliation, City, State	Consumer Perspective	Clinical Content	Performance Measurement	Coding and Informatics	Clinical Specialty	Conflict of Interest Disclosure
<b>Carlos Ledezma</b> , MD, Interventional Radiologist	Aris Radiology, Palm Springs, CA	N/A	X	N/A	N/A	Interventional Radiology	None
<b>Mark Levine</b> , MD, Clinical Professor of Medicine	University of Colorado, Aurora, CO	N/A	X	N/A	N/A	Geriatric Medicine	None
<b>Jaime Long</b> , MD, Division Chief of Female Pelvic Medicine and Reconstructive Surgery	Tower Health, West Reading, PA	N/A	X	N/A	N/A	Obstetrics & Gynecology	None
<b>Michael MacKinnon</b> , MSN, FNP-C, CRNA, Nurse Anesthetist	MacKinnon Anesthesia PLLC, Show Low, AZ	N/A	X	N/A	N/A	Certified Registered Nurse Anesthetist	None
<b>Brian Matlaga</b> , MD, MPH, Professor of Urology	Johns Hopkins University, Baltimore, MD	N/A	X	N/A	N/A	Urology	Consultant to Boston Scientific
<b>Kevin McVary</b> , MD, Professor of Urology	Southern Illinois University School of Medicine, Springfield, IL	N/A	X	N/A	N/A	Urology	Consultant to NIDDK, Olympus, and PI for NxThera, Astellas, Boston Scientific
<b>Parth Modi</b> , MD, Clinical Lecturer	University of Michigan, Ann Arbor, MI	N/A	X	N/A	N/A	Urology	None
<b>Louis Potters</b> , MD, FACR, FASTRO, Chairman, Department of Radiation Oncology	Northwell Health, Lake Success, NY	N/A	X	N/A	N/A	Radiation Oncology	None
<b>Andrew Rosenkrantz</b> , MD, MPA, Professor of Radiology and Urology	New York University School of Medicine, New York, NY	N/A	X	N/A	N/A	Diagnostic Radiology	None
<b>Ammar Sarwar</b> , MD, Assistant Professor of Radiology & Interventional Radiologist	Beth Israel Deaconess Medical Center, Boston, MA	N/A	X	N/A	N/A	Interventional Radiology	None

Name, Credentials, and Professional Role	Organizational Affiliation, City, State	Consumer Perspective	Clinical Content	Performance Measurement	Coding and Informatics	Clinical Specialty	Conflict of Interest Disclosure
<b>Jeremy Shelton, MD, MSHS,</b> Assistant Professor of Urology	UCLA School of Medicine and VA West Los Angeles, Los Angeles, CA	N/A	X	N/A	N/A	Urology	Consulting work for Abbvie, Bayer, Astellas, Cardinal Health, IntegraConnect, CareVive Systems, CES, and Wise Healthcare; Studying trends in 10 quality measures as measured by the AUA Quality Registry (a QCDR). This study is funded by the AUA (25k).
<b>Frances Wilson, RN, CNS-BC,</b> Wound, Ostomy & Continence Consultant	University of California, Irvine Medical Center, Orange, CA	N/A	X	N/A	N/A	Certified Clinical Nurse Specialist	None
<b>Darryl Zuckerman, MD,</b> Interventional Radiologist	Washington University in St. Louis, St. Louis, MO	N/A	X	N/A	N/A	Interventional Radiology	None