

September 16, 2024

The Honorable Bernie Sanders Chair U.S. Senate Committee on Health, Education, Labor and Pensions 428 Dirksen Senate Office Building Washington, DC 20510 The Honorable Bill Cassidy Ranking Member U.S. Senate Committee on Health, Education, Labor and Pensions 428 Dirksen Senate Office Building Washington, DC 20510

CC: Lars Fruergaard Jørgensen, Chief Executive Officer of Novo Nordisk; David A. Ricks, Chief Executive Officer of Eli Lilly and Company; Members of the U.S. Senate Committee on Health, Education, Labor and Pensions

Dear Chair Sanders and Ranking Member Cassidy,

On behalf of the undersigned 253 physicians and health professionals from across the country, we write to express our deep concern about the lack of patient access to novel non-insulin diabetes and weight loss medications due to exorbitant prices set by manufacturers. These drugs including glucagon-like peptide-1 (GLP-1) agonists such as semaglutide (marketed by Novo Nordisk as Ozempic for diabetes and Wegovy for weight loss) and dual GLP-1 and glucose-dependent insulinotropic polypeptide (GIP) agonists such as tirzapetide (marketed by Eli Lilly as Mounjaro for diabetes and Zepbound for weight loss) have been revolutionary in the management of chronic conditions of diabetes and obesity. However, even the most transformative medications cannot help our patients if they cannot afford them.

As you are aware, GLP-1 treatments are the result of over four decades' worth of research since the discovery of the GLP-1 hormone in 1984 at Massachusetts General Hospital and University of Copenhagen.<sup>1</sup> In fact, the critical discovery that enabled the GLP-1 hormone to be turned into treatments was federally funded and conducted by researchers at the Veterans Affairs Medical Center in the Bronx, NY.<sup>2</sup> This class of drugs has transformed the treatment of diabetes and obesity. GLP-1 and GIP agonists not only effectively lower blood sugar levels and weight, but they also reduce the risk of serious complications associated with diabetes and obesity. They have demonstrated benefits for cardiovascular health, reduce the risk of kidney complications, and improve sleep apnea. Multiple clinical trials evaluating once-weekly Ozempic and Mounjaro in comparison to standard of care treatments including daily insulin injections for type 2 diabetes

\_

<sup>&</sup>lt;sup>1</sup> Kolata G. We Know Where New Weight Loss Drugs Came From, but Not Why They Work. *The New York Times*. https://www.nytimes.com/2023/08/17/health/weight-loss-drugs-obesity-ozempic-wegovy.html. August 17, 2023. <sup>2</sup> Pollack A. Lizard-Linked Therapy Has Roots in the Bronx. *The New York Times*. https://www.nytimes.com/2002/09/21/business/lizard-linked-therapy-has-roots-in-the-bronx.html. September 21, 2002.

demonstrated clear superiority in lowering key measures of blood sugar.<sup>3,4</sup> Pivotal trials supporting initial U.S. Food and Drug Administration (FDA) approval of Wegovy and Zepbound for the treatment of obesity demonstrated significant and sustained reduction in weight when taken consistently.<sup>5,6</sup> Wegovy received broader FDA approval for overweight or obese patients with pre-existing cardiovascular disease and thus, expanded coverage; results of a large clinical trial showed a 20% reduction in risk of major adverse cardiovascular events in patients receiving the drug compared to those receiving the standard of care<sup>7</sup>. As physicians, we follow these developments closely as we want to provide our patients with the best treatments possible.<sup>8</sup>

Unfortunately, as we've seen previously with other life-saving medicines in the United States, the price tags for these drugs are exorbitantly high and are being driven by what the market can bear rather than what patients can afford, with little correlation to the cost of production. Studies have shown that semaglutide can be manufactured for as little as nearly \$5 per month, substantially lower than the current U.S. list price of \$968 for Ozempic or \$1,349 per month for Wegovy. In contrast, Novo Nordisk has set the price of Wegovy at \$92 in the United Kingdom and \$186 in Denmark, clearly demonstrating that these drugs are being priced unfairly for our U.S. patients. For patients, these are not one-off prices they shoulder, but potentially life-long costs they will need to consider. For obesity, the drugs work while patients take them, but once off treatment, studies have found that patients regain the weight. 10

Patients in the U.S. face multiple hurdles in accessing the drugs, which we as prescribers do our best to help them navigate. Unfortunately, being insured does not guarantee access to these drugs. Several payers, due to the high price of the treatments, limit their access, requiring patients to be enrolled in a lifestyle management program or to try other less effective medications before being able to access Wegovy or Zepbound for weight loss. Some state plans, like Blue Cross Blue Shield in Michigan, have taken measures to restrict access altogether due to

-

<sup>&</sup>lt;sup>3</sup> U.S. Food and Drug Administration. Drug label for OZEMPIC (semaglutide) injection, for subcutaneous use. Published online December 5, 2017. <a href="https://www.accessdata.fda.gov/drugsatfda\_docs/label/2017/209637lbl.pdf">https://www.accessdata.fda.gov/drugsatfda\_docs/label/2017/209637lbl.pdf</a>
<sup>4</sup> U.S. Food and Drug Administration. Drug label for MOUNJARO (tirzepatide) Injection, for subcutaneous use. Published online May 13, 2022. <a href="https://www.accessdata.fda.gov/drugsatfda\_docs/label/2022/215866s000lbl.pdf">https://www.accessdata.fda.gov/drugsatfda\_docs/label/2022/215866s000lbl.pdf</a>
<sup>5</sup> Wilding JP, Batterham RL, Calanna S, et al.: Once-weekly semaglutide in adults with overweight or obesity. N Engl J Med. 2021, 384:989-1002. 10.1056/NEJMoa2032183

<sup>&</sup>lt;sup>6</sup> Jastreboff AM, Aronne LJ, Ahmad NN, et al. Tirzepatide Once Weekly for the Treatment of Obesity. *New England Journal of Medicine*. 2022;387(3):205-216. doi:10.1056/NEJMoa2206038

<sup>&</sup>lt;sup>7</sup> Lincoff AM, Brown-Frandsen K, Colhoun HM, et al.: Semaglutide and cardiovascular outcomes in obesity without diabetes. N Engl J Med. 2023, 389:2221-32. 10.1056/NEJMoa2307563

<sup>&</sup>lt;sup>8</sup> Lu Y, Liu Y, Jastreboff AM, et al. Eligibility for Cardiovascular Risk Reduction Therapy in the United States Based on SELECT Trial Criteria: Insights From the National Health and Nutrition Examination Survey. *Circulation: Cardiovascular Quality and Outcomes*. 2024;17(1):e010640. doi:10.1161/CIRCOUTCOMES.123.010640

<sup>&</sup>lt;sup>9</sup> Barber MJ, Gotham D, Bygrave H, Cepuch C. Estimated Sustainable Cost-Based Prices for Diabetes Medicines. JAMA Netw Open. 2024;7(3):e243474. doi:10.1001/jamanetworkopen.2024.3474

<sup>&</sup>lt;sup>10</sup> Wilding JPH, Batterham RL, Davies M, et al. Weight regain and cardiometabolic effects after withdrawal of semaglutide: The STEP 1 trial extension. *Diabetes Obes Metab.* 2022;24(8):1553-1564. doi:10.1111/dom.14725

the cost burden. <sup>11</sup> Earlier this year, North Carolina's State Health Plan also announced that they would no longer be covering Wegovy as well as another earlier generation GLP-1 also manufactured by Novo Nordisk. After being unable to negotiate fair prices for their beneficiaries, North Carolina state officials recently sent a letter to the U.S. Department of Health and Human Services urging the agency to take steps to license Novo Nordisk's and Eli Lilly's weight loss drugs to other manufacturers who can produce the treatments more affordably. <sup>12</sup> A 2023 report found that only 16 states provide Medicaid coverage of these drugs for weight loss <sup>13</sup> and earlier this year, a Kaiser Family Foundation poll found that, despite having insurance coverage, over half of patients report difficulty affording these medicines. <sup>14</sup>

Moreover, even for patients with diabetes, there are disparities in coverage of Ozempic and Mounjaro. A recent study found that prescriptions for Ozempic were more often filled or used by patients with private health insurance compared to those with Medicare and Medicaid despite higher burdens of type 2 diabetes in the latter populations. <sup>15,16</sup> Not surprisingly, the higher the out-of-pocket costs that patients were asked to pay, the less likely they were to start a GLP-1 agonist, even in the presence of compelling clinical indications for its use. Thus, the exorbitant prices of these medications are only further exacerbating health disparities among patients who cannot access or afford them. <sup>17</sup>

Lack of coverage, supply shortages and the unreasonable sticker prices of these medications are pushing patients to consider alternative options, which are often unsafe. Given the high demand for these therapies and the bottle-neck in access, online retailers are capitalizing on the demand and claiming to offer cheaper, unregulated "generic" versions. The FDA has received adverse event reports for these versions, and has issued warning letters to stop illegally marketed

\_

<sup>&</sup>lt;sup>11</sup> Minemyer P. Allstate sells off employer voluntary benefits unit in \$2B deal. *Fierce Healthcare*. <a href="https://www.fiercehealthcare.com/payers/allstate-selling-employer-voluntary-benefits-unit-2b-deal">https://www.fiercehealthcare.com/payers/allstate-selling-employer-voluntary-benefits-unit-2b-deal</a>. August 15, 2024...

<sup>&</sup>lt;sup>12</sup> Folwell D. Re: Need for Federal Action Due to Unaffordability of GLP-1 Weight Loss Drugs. Published online July 29, 2024. https://www.shpnc.org/documents/folwell-request-usdhhs-glp1/download?attachment

<sup>&</sup>lt;sup>13</sup> Hinton E, Williams E, Raphael J, et al. 50 State Medicaid Budget Survey Fiscal Years 2023-2024 - Pharmacy - 10244. KFF. November 14, 2023. Accessed August 22, 2024. <a href="https://www.kff.org/report-section/50-state-medicaid-budget-survey-fy-2023-2024-pharmacy/">https://www.kff.org/report-section/50-state-medicaid-budget-survey-fy-2023-2024-pharmacy/</a>

<sup>&</sup>lt;sup>14</sup> Montero A, Sparks G, Presiado M, Published LH. KFF Health Tracking Poll May 2024: The Public's Use and Views of GLP-1 Drugs. KFF. May 10, 2024. <a href="https://www.kff.org/health-costs/poll-finding/kff-health-tracking-poll-may-2024-the-publics-use-and-views-of-glp-1-drugs/">https://www.kff.org/health-costs/poll-finding/kff-health-tracking-poll-may-2024-the-publics-use-and-views-of-glp-1-drugs/</a>

<sup>&</sup>lt;sup>15</sup> Scannell C, Romley J, Myerson R, Goldman D, Qato DM. Prescription Fills for Semaglutide Products by Payment Method. *JAMA Health Forum*. 2024;5(8):e242026. doi:10.1001/jamahealthforum.2024.2026

<sup>&</sup>lt;sup>16</sup> Ding D, Glied SA. Disparities in the Use of New Diabetes Medications: Widening Treatment Inequality by Race and Insurance Coverage. The Commonwealth Fund: Advancing Health Equity. doi: 10.26099/vabp-0g69

<sup>17</sup> Montero et al, Ibid.

<sup>&</sup>lt;sup>18</sup> Blum D. Ozempic Is Hard to Find. Some Pharmacies Are Offering Unauthorized Alternatives. *The New York Times*. <a href="https://www.nytimes.com/2023/05/16/well/live/ozempic-alternatives-semaglutide.html">https://www.nytimes.com/2023/05/16/well/live/ozempic-alternatives-semaglutide.html</a>. May 16, 2023. Accessed August 22, 2024.

semaglutide.<sup>19</sup> When a drug such as semaglutide is in shortage, a compounded version of the drug can be prepared. However, these versions are not reviewed for quality, safety, or effectiveness.<sup>20</sup> Some patients are unaware of the risk of ordering semaglutide from an online retailer and some are willing to risk the danger because they simply cannot access the costly, regulated version through traditional means. If the prices of these medications are made more reasonable, then potential harms to our patients could be averted.

Simply put, these novel treatments are too expensive. A recent report by the Senate Committee on Health, Education, Labor, and Pensions (HELP) Committee found that wholesale coverage of these drugs for patients with obesity alone will break the bank: "Medicare spending on this class of drugs, called GLP-1s, has increased from \$57 million in 2018 to \$5.7 billion in 2022, while Medicaid spending for these drugs increased from \$383 million to \$1.8 billion in that time period." If there is broader coverage with these prices in place, these costs will just be transferred onto patients in the form of higher premiums even if patients are not taking the medication. The same Senate HELP report estimates that treating even half of Medicare and Medicaid patients with obesity would cost almost the entire 2022 prescription drug budget. It will not be until 2027 that Medicare can secure a fairer price for Wegovy through drug pricing negotiations under the Inflation Reduction Act<sup>22</sup> - our patients and our healthcare system cannot wait that long.

As concerned physicians, we want our patients to have access to therapies that are regulated by the FDA to ensure their safety and efficacy. We want our patients to be able to access medications that can improve their health and quality of life, but we do not want to rob the American taxpayers to line the pockets of the pharmaceutical manufacturers.

Senators, we are asking you to do everything in your power to bring down the price of these novel diabetes and obesity drugs. Our patients deserve to have the best options available to them at a fair price.

Thank you,

Terry Adirim, MD, MPH, MBA

19 Center for Drug Evaluation and

<sup>&</sup>lt;sup>19</sup> Center for Drug Evaluation and Research. Medications Containing Semaglutide Marketed for Type 2 Diabetes or Weight Loss. FDA.gov. January 10, 2024. <a href="https://www.fda.gov/drugs/postmarket-drug-safety-information-patients-and-providers/medications-containing-semaglutide-marketed-type-2-diabetes-or-weight-loss">https://www.fda.gov/drugs/postmarket-drug-safety-information-patients-and-providers/medications-containing-semaglutide-marketed-type-2-diabetes-or-weight-loss</a>

<sup>&</sup>lt;sup>20</sup> Center for Drug Evaluation and Research. Compounding and the FDA: Questions and Answers. FDA.gov. August 5, 2024. https://www.fda.gov/drugs/human-drug-compounding/compounding-and-fda-questions-and-answers

<sup>&</sup>lt;sup>21</sup> Sanders B. *Breaking Point: How Weight Loss Drugs Could Bankrupt American Health Care*. United States Senate Health, Education, Labor, and Pensions Committee; 2024. <a href="https://www.sanders.senate.gov/wp-content/uploads/Wegovy-report-FINAL.pdf">https://www.sanders.senate.gov/wp-content/uploads/Wegovy-report-FINAL.pdf</a>

<sup>&</sup>lt;sup>22</sup> Rep. Yarmuth JA [D K 3. *Inflation Reduction Act of 2022*.; 2022. <a href="https://www.congress.gov/bill/117th-congress/house-bill/5376/text">https://www.congress.gov/bill/117th-congress/house-bill/5376/text</a>

Pediatric Emergency Physician Former Acting Assistant Secretary of Defense Rockville, Maryland

Kenneth Adler, MD Psychiatrist Toledo, Ohio

Reena Agarwal, MD, MPH Primary Care Physician Briarcliff Manor, New York

Heidi Appel, MD

Pediatric Critical Care Physician

Assistant Professor, Department of Pediatrics, Georgetown University School of Medicine Arlington, Virginia

Sonia Arias-Franklin, MD Obstetrician-Gynecologist Assistant Professor of Obstetrics and Gynecology, UT Southwestern Medical School Allen, Texas

Beth Armstrong, MD Emergency Medicine Kalamazoo, Michigan

Oneida Arosarena, MD Head and Neck Surgeon

Professor, Department of Otolaryngology, Lewis Katz School of Medicine at Temple University Huntingdon Valley, Pennsylvania

Philip Ballard, MD

Pediatrician

Professor of Pediatrics, UCSF School of Medicine

Bodega Bay, California

Roberta Ballard, MD

Pediatrician

Bodega Bay, California

Sahil Banka, MD

**Interventional Cardiologist** 

Clinical Associate Professor in Cardiology, Drexel University College of Medicine

Philadelphia, Pennsylvania

Brent Baranko, MD Orthopedic Surgeon Salt Lake City, Utah

Paul Beach, MD, MPH Primary Care Physician Philadelphia, Pennsylvania

Karina M. Berg, MD, MS

Primary Care Physician and Geriatrician Associate Professor of Medicine, Center on Aging, University of Connecticut School of Medicine Farmington, Connecticut

Cheryl Bettigole, MD, MPH, MA Primary Care Physician Commissioner for the Philadelphia Department of Public Health Philadelphia, Pennsylvania

Margaret Bia, MD Nephrologist Retired Professor Emeritus of Medicine (Nephrology), Yale School of Medicine Guilford, Connecticut

Cary Bjork, MD Primary Care Physician Marquette, Michigan

Rachel Blair, MD Endocrinologist Boston, Massachusetts

Theresa Blumfelder, MD Primary Care Physician Las Vegas, Nevada

Sondra Bogursky, MD Primary Care Physician/Pediatrician Assistant Clinical Professor, Yale School of Medicine New Haven, Connecticut

Jared Boyce, ScM Medical Student (MD/PhD Candidate) Madison, Wisconsin Thomas Brandes, MD Primary Care Physician Grants Pass, Oregon

Nichole Brathwaite-Dingle, MD, MPH Pediatrician Richmond, Texas

Richard Bruno, MD, MPH Primary Care/Preventative Medicine Physician Portland, Oregon

Kevin Burns, MD, MPH Addiction Medicine Physician Medical Director, CalAIM Los Angeles, California

Ealena Callender, MD, MPH Obstetrician-Gynecologist Silver Spring, Maryland

Anne W. Camp, MD Endocrinologist New Haven, Connecticut

Pascale Carbonara, MD Internal Medicine Physician (Obesity Specialist) Chestnut Hill, Massachusetts

Alison Case, MD Primary Care Physician Indianapolis, Indiana

Tania Chavez, NP Nurse Practitioner Santa Fe, New Mexico

Alissa S. Chen, MD, MPH Primary Care Physician New Haven, Connecticut

Angela Cole, RN Registered Nurse Erie, Michigan Rushika Conroy, MD, MS Pediatric Endocrinologist (Obesity Specialist) South Portland, Maine

Lanie Cox, MD Primary Care Physician Spokane, Washington

Camilla Cracchiolo, RN Nurse Los Angeles, California

Margaret Daly, MD Endocrinologist Pittsford, Vermont

Ian Darnton-Hill, MBBS, PhD, MPH, MS Public Health Nutritionist New York, New York

Cindy Davis, MD Obstetrician-Gynecologist Chamberlain, South Dakota

Jennifer de Vries, MD Anesthesiologist Dayton, Ohio

James Deshotels, MSN, MPH Nurse Robertsville, Missouri

Elizabeth Dewey, MD Primary Care Physician Greensboro, North Carolina

Marina Donahue, FNP, CDCES Nurse Practitioner Boston, Massachusetts

Bipin Doshi, MD General Surgeon Fort Worth, Texas Justin A. Dower, MD Resident Physician New Haven, Connecticut

Sheina Duncan, MD, MPH Resident Physician New Haven, Connecticut

Gabriela Elias, MD Resident Physician Fort Myers, Florida

Jean Engelkemeir, MD Primary Care Physician Chicago, Illinois

Noa Erlitzki, MS MD/PhD Candidate, University of Pennsylvania Perelman School of Medicine Philadelphia, PA

Utibe R. Essien, MD, MPH Primary Care Physician Assistant Professor of Medicine, UCLA Los Angeles, California

Marc Henry Estriplet, MD, MPH Primary Care Physician New Haven, Connecticut

Fabrizia Faustinella, MD, PhD
Primary Care Physician
Professor, Department of Family and Community Medicine, Baylor College of Medicine
Houston, Texas

Jimmell Felder, MD Pediatrician Greenwood, South Carolina

Virginia Feldman, MD Pediatrician Portland, Oregon

Elizabeth Fildes, ED, RN Nurse Las Vegas, Nevada

Karen Filkins, MD Physician Emerald Isle, North Carolina

Tessa Fischer, MD Primary Care Physician Deerfield, Illinois

David Flood, MD, MSc Primary Care Physician Assistant Professor, Department of Medicine, University of Michigan Ann Arbor, Michigan

Lauren Forbes, MD, MPH Resident Obstetrician-Gynecologist Norfolk, Virginia

Kenneth Frisof, MD Primary Care Physician Adjunct Assistant Professor, Family and Community Medicine, Northeast Ohio Medical University Cleveland, Ohio

Benjamin D. Gallagher, MD Primary Care Physician Assistant Professor of Medicine, Yale School of Medicine New Haven, Connecticut

Taryn Gallo, MD Obstetrician-Gynecologist Vero Beach, Florida

Alvaro Garza, MD Public Health Physician Modesto, California

Cameron Gettel, MD, MHS
Emergency Medicine Physician
Assistant Professor, Department of Emergency Medicine, Yale School of Medicine
New Haven, Connecticut

Andrew Gettinger, MD Anesthesiologist Emeritus Professor of Anesthesiology, Dartmouth Geisel School of Medicine Hanover, New Hampshire

Ian Gilson, MD Primary Care Physician Milwaukee, Wisconsin

Lisa Glenn, MD Primary Care Physician Austin, Texas

Warren M. Gold, MD Internal Medicine Physician Professor Emeritus of Pulmonary, Critical Care, Allergy and Sleep Medicine, UCSF San Francisco, California

Gale Gordon, MD Pediatric Nephrologist Los Angeles, California

Josephine R. Granner, PhD, BSN, RN Nurse Postdoctoral Fellow, Yale School of Medicine New Haven, Connecticut

Cary P. Gross, MD Primary Care Physician Professor of Medicine, Yale School of Medicine New Haven, Connecticut

Roy Guinto, DO Endocrinologist Clinical Assistant Professor of Medicine, University of Pittsburgh Medical Center Pittsburgh, Pennsylvania

Ravi Gupta, MD, MSHP Primary Care Physician Assistant Professor of Medicine, Johns Hopkins University School of Medicine Philadelphia, Pennsylvania

Anand Habib, MD, MPhil Primary Care Physician Postdoctoral Fellow, Yale School of Medicine New Haven, Connecticut Ellen Hall-Chave, MD Primary Care Physician Banks, Oregon

Nadine Halliburton-Foster, MD Primary Care Physician Cumming, Georgia

Ole-Petter R. Hamnvik, MB BCh BAO, MMSc Endocrinologist Brigham and Women's Hospital and Harvard Medical School Boston, Massachusetts

Laura Hanks, PA Physician Assistant Portland, Oregon

Jamie Haraden, ARNP Nurse Practitioner Duvall, Washington

Lara Hart, MD Obstetrician-Gynecologist Assistant Professor of Obstetrics & Gynecology, Medical College of Georgia Watkinsville, Georgia

Leslye Heilig, MD Pediatrician Great Barrington, Massachusetts

Lauren Herrmann, MD Primary Care Physician Louisville, Kentucky

David Herszenson, MD, MPH Primary Care Physician Bronx, New York

Adena M. Hicks, MD, MA, MPH Primary Care Physician Atlanta, Georgia

Bruce Hlodnicki, MD

Emergency Physician Indianapolis, Indiana

Rebecca Hofer, MD Primary Care Physician New Haven, Connecticut

Louisa Holaday, MD, MHS Primary Care Physician Assistant Professor, Icahn School of Medicine at Mount Sinai New York, New York

Allen Holloway, MD Primary Care Physician Phoenix, Arizona

Laboni Hoque, MD Resident Physician New Haven, Connecticut

Sarah Householder, MD Resident Physician New Haven, Connecticut

Claire Huang, MD Cardiologist New York, New York

Viviana Huang Chen, MD, MPP, FAAFP
Primary Care Physician
Adjunct Clinical Assistant Professor, Department of Family Medicine, Charles R. Drew University of Medicine and Science
Los Angeles, California

Linda Huffman, PA-C Physician Assistant Palm Beach Gardens, Florida

Dennis Michael Hughes, MD Psychiatrist Phoenix, Arizona

Kristin Huntoon, DO, PhD Neurosurgeon Assistant Professor of Neurosurgery, University of Arizona College of Medicine Tucson Tucson, Arizona

Nadir Ijaz, MD, MHS Pediatrician New Haven, Connecticut

Joanna Ingebritsen, MD Primary Care Physician San Juan Bautista, California

Avanthi Jayaweera, MD Resident Physician Richmond, Virginia

Elena Jimenez Gutierrez, MD, MSc Primary Care Physician Assistant Professor, Department of Medicine, UT Health Science Center at San Antonio San Antonio, Texas

Steven Joffe, MD, MPH
Pediatric Oncologist
Professor of Medical Ethics & Health Policy, University of Pennsylvania Perelman School of Medicine
Philadelphia, Pennsylvania

Gina Johnson, MD Primary Care Physician Sherman Oaks, California

Rebecca Jones, MD Dermatologist Whately, Massachusetts

Jagathi Kalluru, MD Resident Physician New Haven, Connecticut

Camilia Kamoun, MD Pediatric Oncologist Assistant Professor, University of North Carolina School of Medicine Chapel Hill, North Carolina

Susan Kass, MSN Nurse Practitioner

## Portland, Oregon

Sylvia Kehlenbrink, MD Endocrinologist Boston, Massachusetts

Kate Kelley, MD, MPH Primary Care Physician Cleveland, Ohio

Patricia Kellner, MD Primary Care Physician Cleveland, Ohio

Lynne Kerr, MD, PhD Pediatric Neurologist Salt Lake City, Utah

Soochuen Kho, MD Head and Neck Surgeon Lake Sherwood, California

Leslie Klein, DO Primary Care Physician Los Angeles, California

Timothy Knauff, PA-C Physician Assistant Henderson, Nevada

Randi Kodroff, DO Primary Care Physician Washington, District of Columbia

Neda Laiteerapong, MD, MS Primary Care Physician Associate Professor of Medicine, University of Chicago Chicago, Illinois

Alyssa Lambrecht, DO Resident Physician Millbury, Ohio

Lois Lambrecht, MD

Primary Care Physician Bloomington, Indiana

Katharine Lamperti, MD Anesthesiologist Mercer Island, Washington

Rima Shah Leclere, MD, MPH Primary Care Physician Phoenix, Arizona

Giovanna Leddy, MD Internal Medicine Physician (Obesity Specialist) Chestnut Hill, Massachusetts

Danny Lee, MD Primary Care Physician Seattle, Washington

Eric Lester, MD Oncologist Saint Joseph, Michigan

Janet Leung, MD Endocrinologist Pittsburgh, Pennsylvania

Joseph Levitt, MD Pulmonologist Associate Professor, Department of Pulmonary, Allergy & Critical Care Medicine, Stanford Palo Alto, California

Owen Linder, MD Primary Care Physician Safety Harbor, Florida

Carolyn Linek-Rajapaksha, MD Pediatric Psychiatrist Lutz, Florida

Kasia J. Lipska, MD, MHS

Endocrinologist

Associate Professor of Medicine, Section of Endocrinology and Metabolism, Yale School of Medicine New Haven, Connecticut Erin Lockard, MD Primary Care Physician Kansas City, Missouri

Justin Lowenthal, MD, PhD Resident Doctor Brigham and Women's Hospital Boston, Massachusetts

Michelle Ludwig, MD, PhD, MPH Radiation Oncologist Associate Professor of Radiation Oncology, Baylor College of Medicine Houston, Texas

Jing Luo, MD, MPH Primary Care Physician Associate Professor of Medicine, University of Pittsburgh School of Medicine Pittsburgh, Pennsylvania

Kimberly Lynch, MD, MSHPM Primary Care Physician Los Angeles, California

Alma Magana, FNP Nurse Practitioner Lakewood, California

Janice Makela, MD Internal Medicine Physician Streamwood, Illinois

Jen Manne-Goehler, MD, ScD Infectious Diseases Physician Boston, Massachusetts

Shelly Maramonte, MD Primary Care Physician Concord, California

Lorraine Martinez, DO Obstetrician-Gynecologist Indian Mound, Tennessee Jennifer McConnell, MD Primary Care Physician Columbus, Ohio

Ann McDonald, MD Psychiatrist East Stroudsburg, Pennsylvania

Marie E. McDonnell, MD Endocrinologist Associate Professor of Medicine, Harvard Medical School Boston, Massachusetts

Julea McGhee, MD, MPH

Psychiatrist

Clinical Assistant Professor, USC Keck School of Medicine & David Geffen School of Medicine, UCLA Los Angeles, California

Lisa McGonigal, MD, MPH Primary Care Physician Somerville, Massachusetts

Robert Meagher, MD Pediatrician Sacramento, California

Anish Mehta, MD, MPP Primary Care Physician Assistant Clinical Professor of Medicine, Icahn School of Medicine at Mount Sinai Brooklyn, New York

Michael O. Mensah, MD, MPH, MHS
Psychiatrist
Division of Law and Psychiatry, Yale University School of Medicine
New Haven, Connecticut

Faisal Merchant, DO Primary Care Physician Anaheim, California

Barbara Messinger-Rapport, MD Primary Care Physician Cleveland, Ohio Heather Metcalf, MD Resident Physician Augusta, Maine

Aaron Mitchell, MD, MPH Oncologist New York, New York

Amir Mohareb, MD Infectious Diseases Physician Assistant Professor of Medicine, Harvard Medical School Boston, Massachusetts

Fabiola Molina, MD, MHS Primary Care Physician Assistant Professor of Medicine, Yale School of Medicine New Haven, Connecticut

Victor M. Montori, MD, MSc Endocrinologist Professor of Endocrinology, Mayo Clinic Rochester, Minnesota

Maryam Mooghali, MD, MSc Resident Physician New Haven, Connecticut

Mae Morgan, MD, MPH Primary Care Physician Atlanta, Georgia

John P. Moriarty, MD Primary Care Physician Professor, Division of General Internal Medicine, Yale School of Medicine New Haven, Connecticut

Thomas Moulton, MD Pediatric Hematologist/Oncologist Astoria, New York

Kathryn Nagel, MD Primary Care Physician Boston, Massachusetts Laura Nally, MD Pediatrician Assistant Professor, Department of Pediatrics, Yale School of Medicine New Haven, Connecticut

Jean Naples, MD, PhD Primary Care Physician Suffern, New York

Deanna Nardella, MD, MHS Pediatrician New Haven, Connecticut

Shawn Naseem, MD Primary Care Physician Pittsburgh, Pennsylvania

Richard Needleman, MD, MPH Orthopedic Surgeon Asheville, North Carolina

Jacob Newcomb, MD, FACEP Emergency Medicine Physician Long Beach, California

Cynthia Nkem, BS, MS Medical Student Nashville, Tennessee

Callie OBryant, MD Resident Physician Birmingham, Alabama

Eileen ODonnell, APRN Nurse Practitioner Clinton, Connecticut

Benjamin Oldfield, MD, MHS Primary Care Physician New Haven, Connecticut

Maisie Orsillo, DO Primary Care Physician New Haven, Connecticut Nasrin Owsia, MD Primary Care Physician La Jolla, California

Tracy Paeschke, MD Cardiologist Colorado Springs, Colorado

Gayle Palmer, MD Primary Care Physician Mercer Island, Washington

William Palmer, MD Primary Care Physician Cornish, New Hampshire

Sharon Paltin, MD Primary Care Physician Laytonville, California

Darshan Patel, MD Primary Care Physician Lancaster, Pennsylvania

Judith Peter, RN Nurse Port Charlotte, Florida

Alan Peterson, MD Primary Care Physician Willow Street, Pennsylvania

Christine Petrin, MD, MPH Internal Medicine & Pediatrics Settlement Health New York, NY

Quang Pham, MD, MPH Primary Care Physician McLean, Virginia

Matthew Pius, MD Emergency Physician Assistant Professor, Department of Emergency Medicine, Mount Sinai New York, New York

Lisa Plymate, MD Primary Care Physician Seattle, Washington

Evan Pollack, MD Primary Care Physician Bryn Mawr, Pennsylvania

Suzanne Poppema, MD Primary Care Physician Seattle, Washington

R Scott Poppen, MD, MPA Primary Care Physician Draper, Utah

Raphael Pristoop, MD Primary Care Physician Washington, District of Columbia

Tracy L. Rabin, MD, SM Primary Care Physician Associate Professor, Department of Internal Medicine, Yale School of Medicine New Haven, Connecticut

Meera Ragavan, MD, MPH Speciality Physician Millbrae, California

Braveen Ragunanthan, MD, MPH, FAAP Pediatrician Mound Bayou, Mississippi

Peter Raich, MD

Loveland, Colorado

Oncologist

Reshma Ramachandran, MD, MPP, MHS
Primary Care Physician
Assistant Professor, Section of General Internal Medicine, Yale School of Medicine
New Haven, Connecticut

Veena Ramaiah, MD Pediatric Emergency Medicine Physician Associate Professor of Pediatrics, The University of Chicago Chicago, Illinois

Ben Ramsden-Stein, DO Primary Care Physician Santa Cruz, California

Michael Reddy-Miller, MD Primary Care Physician Nags Head, North Carolina

Irma Rey, MD Primary Care Physician Assistant Professor, College of Osteopathic Medicine, Nova Southeastern University Miami, Florida

William Roberts, MD, MSc Primary Care Physician New Haven, Connecticut

Natalie Robiou, MD Primary Care Physician Media, Pennsylvania

Theresa Rohr-Kirchgraber, MD Primary Care Physician Professor of Medicine, Medical College of Georgia Athens, Georgia

Julia Rosenberg, MD, MHS
Pediatrician
Assistant Professor, Department of Pediatrics, Yale School of Medicine
New Haven, Connecticut

David Rosenberg, DO Pediatrician Bayside, Wisconsin

Joseph S. Ross, MD, MHS Primary Care Physician Professor of Medicine and Public Health, Yale School of Medicine New Haven, Connecticut

Victor Roy, MD, PhD
Primary Care Physician
Assistant Professor of Family Medicine & Community Health, University of Pennsylvania
Philadelphia, Pennsylvania

Aliye Runyan, MD Obstetrician-Gynecologist White Plains, New York

Akkaraju Sarma, MD Primary Care Physician Bensalem, Pennsylvania

Suzanne Saunders, APRN Nurse Practitioner Largo, Florida

Christopher Scannell, MD, PhD Primary Care Physician Los Angeles, California

Andrea Schauer, MD Primary Care Physician Walnut Creek, California

David Schneider, MD Primary Care Physician Santa Rosa, California

Gail Schonfeld, MD Pediatrician East Hampton, New York

Shayna Schor, MD Resident Physician New Haven, Connecticut

Dianne Schulze, PHN Nurse Lakeville, Minnesota

Jeremy Schwartz, MD

Primary Care Physician Associate Professor, Section of General Internal Medicine, Yale School of Medicine New Haven, Connecticut

Kathryn Seitz, MD Primary Care Physician Denver, Colorado

Sneha Shah, DO, MS Primary Care Physician Los Angeles, California

Dein Shapiro, MD Primary Care Physician Bridgewater, New Jersey

Lee Shapley, MD Primary Care Physician Poughkeepsie, New York

Divya Shenoy, MD, MPH Primary Care Physician Washington, District of Columbia

Richard Sibson, DO Physiatrist Orlando, Florida

Darby Sider, MD Primary Care Physician Pompano Beach, Florida

Joshua Skydel, MD Primary Care Physician Clinical Fellow, Section of Rheumatology, Allergy & Immunology, Yale School of Medicine New Haven, Connecticut

Joshua Skydel, MD Resident Physician Cheshire, Connecticut

Alyson Smith, PA-C Physician Assistant Lisle, Illinois Natalie Sohn, MD Primary Care Physician Brooklyn, New York

Erica Spatz, MD, MHS
Cardiologist
Associate Professor, Section of Cardiovascular Medicine, Yale School of Medicine
New Haven, Connecticut

Kathryn Stahl, MD Emergency Physician Silver Spring, Maryland

Jennifer Anne Stasko, MD Primary Care Physician UPMC cmi Delmont, Pennsylvania

Robert Steinbrook, MD Primary Care Physician Professor Adjunct of Internal Medicine, Yale School of Medicine Washington, District of Columbia

Mark Stevens, MD Primary Care Physician Marquette, Michigan

Cecilia Strauch, MD Primary Care Resident Factoryville, Pennsylvania

Bruce J. Stringer, MD Radiologist Buffalo, New York

Kimberly Sue, MD, PhD Primary Care Physician Assistant Professor of Medicine, Yale University School of Medicine New Haven, Connecticut

Eric Sullivan, MD Primary Care Physician Chicago, Illinois Suzanne Swanson, MD Obstetrician-Gynecologist Oconto, Wisconsin

Vafa Tabatabaie, MD Endocrinologist Professor, Department of Medicine, Albert Einstein College of Medicine Astoria, New York

Amerisa Tarabar, MD Primary Care Physician Assistant Professor, Department of Internal Medicine, Yale School of Medicine New Haven, Connecticut

Zoey L. Thill, MD, MPP, MPH Primary Care Physician St. Clair Shores, Michigan

Katherine Tildes, NP Nurse Practitioner Wilmington, North Carolina

Daniel G. Tobin, MD, FACP Primary Care Physician Associate Professor, Department of Internal Medicine, Yale School of Medicine New Haven, Connecticut

Walter Tsou, MD, MPH Primary Care Physician Former Health Commissioner of Philadelphia Philadelphia, Pennsylvania

Stephen Urciuoli, MD Primary Care Physician Weston, Connecticut

Mary Ellen Vajravelu, MD, MSHP Pediatric Endocrinologist Assistant Professor of Pediatrics, University of Pittsburgh School of Medicine Pittsburgh, Pennsylvania

Mohammed Vayani, MD Resident Physician New Brunswick, New Jersey

Rebecca J. Vitale, MD, MPH
Pediatric Endocrinologist
Assistant Professor of Medicine and Pediatrics, UNC Chapel Hill School of Medicine
Chapel Hill, North Carolina

Nancy Vo, MD Geriatric Medicine Physician Diamond Bar, California

Jonathan Walker, MD Ophthalmologist Fort Wayne, Indiana

William Wallin, MD Primary Care Physician Richmond, California

Clara Warden, MD Resident Physician New Haven, Connecticut

Joseph Whelihan, MD Pediatrics Resident Physician Philadelphia, Pennsylvania

Lacey Whitmire, MD, MPH Primary Care Physician/Pediatrician New Haven, Connecticut

Elizabeth Wiley, MD, JD, MPH Primary Care Physician Olympia, Washington

Abigail Wilpers, PhD, WHNP-BC Women's Health Care Nurse Practitioner Assistant Professor, Center for Global Women's Health, Penn Nursing Philadelphia, Pennsylvania

Delaine Winn, MD Resident Physician New Haven, Connecticut Anne Wise, MD, MPH Primary Care Physician Cleveland, Ohio

Nathan I. Wood, MD, MHS, DABOM Primary Care Physician Instructor of Medicine, Department of Internal Medicine, Yale School of Medicine New Haven, Connecticut

Eileen Yager, MD Pediatrician Clinical Professor of Pediatrics, University of Colorado School of Medicine Denver, Colorado

Annie W. Yang, MD Primary Care Physician West Haven, Connecticut

Anne Yoshino, MD Primary Care Physician Willow, Alaska

David Zajano, MD Primary Care Physician Phoenix, Maryland

Karen Zink, MD General Surgeon Portland, Oregon

Margaret Zupa, MD, MS Endocrinologist Assistant Professor of Medicine, University of Pittsburgh Pittsburgh, Pennsylvania