

New England Thyroid Club 2023 Annual Meeting

April 14, 2023

Speaker Information

Jeffrey R. Garber, MD, FACP, MACE

Dr. Jeffrey R. Garber's career has focused on practice innovation, patient education, and clinical endocrinology fellowship training.

Dr. Garber studied mathematics at Cornell University before becoming a member of the first medical school class of the State University of New York's Health Sciences Center at Stony Brook. He was an intern, resident, and resident supervisor at LA County USC Medical Center. He returned east to be an endocrine fellow working under Sidney Ingbar in the Harvard Thorndike Laboratory at Boston's Beth Israel Hospital (BIH). After six years at BIH, he entered private practice while simultaneously establishing the Endocrine Division at Harvard Community Health Plan, later known as Harvard Vanguard Medical Associates and now part of Atrius Health. Dr. Garber is Chief of the Endocrinology Division at Atrius Health, and a member of the Beth Israel Deaconess Medical Center and Brigham and Women's Hospitals endocrine divisions. He is an Associate Professor of Medicine at Harvard Medical School, where he has trained more than forty endocrine fellows.

Dr. Garber is a past President of the American Association of Clinical Endocrinologists (AACE), and the American College of Endocrinology (ACE). His awards include the Robert H. Ebert Teacher of the Year named for the longtime dean of the Harvard Medical School and founder of the nation's first academic health maintenance organization, Stony Brook University School of Medicine Distinguished Alumnus Award, American College of Endocrinology Foundation John A. Seibel award, inaugural Johanna Pallotta Clinical Teaching Award for teaching endocrine fellows and the Atrius Trustees' Award of Distinction for inspiring "changes that have benefitted patients, peers and colleagues, and the organization".

Dr. Garber is co-editor of the Handbook of Inpatient Endocrinology and Handbook of Thyroid and Neck Ultrasonography. He is the medical editor of the monograph, now in its 7th edition, A Special Health Report from Harvard Medical School-- Thyroid Disease: Understanding hypothyroidism and hyperthyroidism, and the author, The Harvard Medical School Guide to Overcoming Thyroid Problems, which has been translated into Spanish, Turkish, and Korean. Dr. Garber is presently engaged in applying electronic interactive algorithms that are based on narrative guidelines, which will be the focus of his talk.

Vivek Patkar MS MRCS, FEBS

Vivek Patkar is Chief Medical Officer and one of the founders of Deontics Ltd, a medtech company in the field of AI and Clinical Decision Support. Vivek is also a practicing breast oncoplastic surgeon for the last 20 years. Vivek was originally trained as surgical oncologist at TATA Memorial hospital, the largest tertiary cancer hospital and research center in India, after graduating in medicine from the University of Bombay in 1995.

Vivek has a longstanding research interest in the application of AI based knowledge representation techniques for clinical decision-making.

While working as a fellow in the AI in Medicine laboratory in Cancer Research UK between 2004 -07, Vivek developed a number of clinical decision support applications for cancer as well as other indications, which were trialed and published in peer reviewed journals. Later as a part of collaboration between Oxford and Edinburgh Universities, Vivek led a team of researchers at UCL medical school (Royal Free Hospital) which worked on improving the quality of decisions made in cancer multi-disciplinary team meetings using clinical decision-support.

Vivek has routinely worked in large research consortiums funded by European Commission research grants. Most recently Vivek and collaborators at Guys & Kings were successful in getting NHSx and NIHR AI in health and care award 2020.

Alexandra M. Dumitrescu, MD PhD

Alexandra Dumitrescu is a physician scientist with expertise in inherited disorders affecting thyroid function. Dr. Dumitrescu's research interests are to uncover new mechanisms involved in the physiology of thyroid hormone metabolism, tissue availability, action and regulation, and to translate this knowledge in treatment options for patients with thyroid diseases. Dr. Dumitrescu has acquired expertise in thyroid physiology through her basic and clinical research on several congenital diseases affecting thyroid function. She has identified novel genetic defects in thyroid hormone transport and metabolism and has studied their pathophysiology in genetically engineered mouse models.

Elizabeth N. Pearce, MD, MSc

Dr. Elizabeth N. Pearce, MD, MSc is a Professor of Medicine and the Endocrine Fellowship Program Director at Boston University School of Medicine in the Section of Endocrinology, Diabetes, and Nutrition. She received her undergraduate and medical degrees from Harvard and a masters' degree in epidemiology from the Boston University School of Public Health. She completed her residency in internal medicine at Beth Israel Deaconess Medical Center, and her fellowship in endocrinology at Boston University. She was the 2018-2019 President of the American Thyroid Association. She serves as the Regional Coordinator for North America for the Iodine Global Network. She is a Deputy Editor at the *Journal of Clinical Endocrinology and Metabolism* and has served in multiple additional editorial roles, including as an Associate Editor for *Endocrine Practice*, *Clinical Thyroidology*, and *Thyroid*. She co-chaired the 2017 American Thyroid Association's Thyroid in Pregnancy Guidelines Task Force and is a member of the current task force for revising that guideline. Her research interests include the sufficiency of dietary iodine in the U.S., thyroid function in pregnancy, the thyroid effects of environmental perchlorate exposure, and the cardiovascular effects of subclinical thyroid dysfunction. Dr. Pearce was the 2011 recipient of the American Thyroid Association's Van Meter Award for outstanding contributions to research on the thyroid gland and the 2018 Women in Thyroidology Woman of the Year.