

Dr. Hughes is a breast surgeon with expertise in cancer genetics. He is actively involved in the development of Clinical Decision Support tools and is the co-creator of CRA Health (Acquired by Volpara), which calculates cancer risk for over 3,000,000 patients each year and of Ask2Me.Org which calculates risk specifically for patients with mutations in cancer susceptibility genes (over 2000 pageviews each months). His mission is to develop tools that make cancer genetic testing easy, safe and efficient for all practitioners. Dr. Hughes is the Director of Cancer Genetics and the McKoy Rose Professor of Surgery at the Medical University of South Carolina, Professor Emeritus at Harvard Medical School, and Medical Director of the Bermuda Cancer and Risk Assessment Clinic at the Bermuda Cancer Center. He is a graduate of Dartmouth College and Dartmouth Medical School. He trained in Surgery at the Mercy Hospital of Pittsburgh, followed by a Fellowship in Surgical Oncology at the National Cancer Institute. Dr. Hughes is actively involved in clinical care and research related to the genetics, screening, diagnosis and treatment of breast cancer and is actively involved in the development of Health Information Technology that improves quality while decreasing clinician workload. He co-authored the HL7, ANSI approved standard for transmitting family health history, and was the Principal Investigator for the Cooperative Group Trial (CALGB 9343) that showed radiation therapy had little benefit in women over age 70 with early breast cancer.