

Montana | Douglas Harrington, MD

State Medical Director

Montana Department of Public Health and Human Services

Dr. Douglas Harrington has over 30 years of experience in research, development, and translation of innovative academic healthcare discoveries into clinical use. He was a resident member of one of the first heart transplant teams led by Dr. Jack Copeland from Stanford University. He co-founded one of the first clinical molecular biology laboratories in the U.S. with the Nebraska Lymphoma Study Group headed by Dr. James Armitage. As President and Lab Director of Nichols Institute, he expanded their molecular genetics, infectious disease, immunology, cytogenetic, and anatomic pathology offerings. Dr. Harrington led the team that developed one of the first FDA approved digital microscopes targeted at minimal residual disease and circulating tumor cells as a Founder, Chairman, and CEO of Chromavision/Clariant. As CEO and Laboratory Director, he also led the turnaround and federal license reinstatement of Specialty Laboratories, a New York Stock Exchange company. Dr. Harrington serves as a Senior Medical Consultant for Change Healthcare (now part of Optum) and is involved in developing and reviewing clinical algorithms for disease management and diagnostic technology.



Dr. Harrington has patents for an automated method for image analysis identifying circulating residual cancer cells in blood, a catalytic heavy metal extraction method, and a patent pending on a biomarker assay facilitating early diagnosis and preventive intervention of vascular inflammation leading to cardiometabolic disease. He has taken new molecular technologies through state and federal regulatory approval and has been involved in the clinical introduction of over 200 academic discoveries.

Dr. Harrington is the developer of the Smart Vascular Dx™ test, a breakthrough blood test for the early detection of chronic vascular inflammation, the leading cause of heart attacks, diabetes, metabolic syndromes, autoimmune diseases and cancer. He is currently State Medical Officer for the Montana Department of Health and Human Services and is also Chief Medical Officer/Science Officer of Smart Health Diagnostics Company. He was a Clinical Professor of Pathology at the USC Keck School of Medicine and, prior to that, an Associate Professor at the University of Nebraska Medical Center. Dr. Harrington received his BA in Molecular Biology and his MD from the University of Colorado Health Sciences Center and is a Fellow of the American Society of Preventive Cardiology and member of the European Society of Cardiology. He is also board-certified in hematology and anatomic and clinical pathology, and is a member of Phi Beta Kappa.