

# Beyond Boundaries: Pioneering Medical Innovations

written by Dr. Ronald Hoffman | March 5, 2025



In this episode of the Intelligent Medicine podcast, Dr. Ronald Hoffman interviews Professor Kieran Murphy, an interventional neuro radiologist and prolific inventor from Toronto Western Hospital. Dr. Murphy has developed numerous innovative medical devices and filed 60 patents. He shares insights from his book, "The Essence of Invention: Medicine and the Joy of Creativity," discussing his work on medical innovation, his unique background, and personal experiences that have driven his creative solutions. The conversation covers various topics, including the importance of creativity, the impact of bureaucracy on modern medicine, and groundbreaking innovations like ozone therapy for herniated discs and a radio-protective supplement for medical personnel. Dr. Murphy emphasizes mindfulness and paying attention to phenomena as key components for fostering creativity and innovation in medicine.