

Kent Leyde is a consultant specializing in the development and commercialization of medical device technology. Kent has more than 25 years of experience working as an executive, program manager, and electrical engineer. During his career, Kent has led the development of many novel medical devices; much of this work has been done in the context of venture-funded start-up companies. Kent was CTO of NeuroVista, where he led the development of a fully-implantable EEG measurement and processing system that used advanced algorithms to provide warning of impending epileptic seizures. This system was used in human clinical studies to demonstrate for the first time the feasibility of seizure prediction. Prior to this effort he developed a series of cortical stimulators used to study, in human subjects, the treatment of stroke, depression, and other diseases. As an early member of Heartstream (subsequently acquired by Philips), Kent helped develop a novel series of easy-to-use automatic external defibrillators. These devices are in wide use and include the only model ever approved for over-the-counter distribution.

Kent is listed as an inventor on over fifty patents and patent applications. In addition to his engineering work, Kent also reviews grant applications for NINDS and oversees research as a member of a local IRB in his hometown of Seattle, Washington.