
BIOGRAPHY

LAWRENCE A. LYNN is President of Lyntek Medical Technologies, Inc., a company he founded in 1991 for the purpose of developing new and improved medical technologies relating to patient safety. Dr. Lynn guides the overall strategic direction of innovation at Lyntek.

Dr. Lynn is also the primary research physician at Lyntek and works with other physicians and professionals on the Lyntek team to oversee an expanding portfolio of innovative technology and intellectual property. He has been an inventor for over 25 years with over 100 patents filed and over 70 patents issued in the United States, in addition to patents held in foreign countries. His patents include medical devices and related intellectual property in the areas of catheter systems, needleless systems, fluid transfer systems, blood conservation devices, medical valves, syringe systems, vascular access systems, patient monitoring systems, and pattern detection technology. Many of Dr. Lynn's patented technologies have been licensed to major medical device manufacturers and have led to improved medical products for patient care.

Dr. Lynn's research at Lyntek focuses on developing new and improved medical devices and patient monitoring systems to address critical problems in medicine. Highlights of his research and technology advancement include

- Improved intravenous fluid transfer systems
- Improved blood aspiration systems and devices designed to reduce incidence of inadvertent blood exposure
- Novel pattern recognition/relational alarm system technology and methodology relating to pulse oximetry and improved notification of adverse events in this area
- New method and system for safer resuscitation in a patients with asthma and COPD
- Development of patient monitoring systems capable of detecting patterns associated with evolving clinical failure

Dr. Lynn is a practicing physician board certified in Internal Medicine and Pulmonary Medicine. He received his medical degree from A.T. Still University in Kirksville, Missouri, and subsequently completed a medical fellowship in Pulmonary and Critical Medicine at the University of Missouri, where he was named Outstanding Postdoctoral Fellow for the Department of Internal Medicine. In addition to his role as President of Lyntek, Dr. Lynn is a fellow of the American College of Chest Physicians. Dr. Lynn has served on the FDA Standards Committee for Pulse Oximetry, and also serves on the Medical Advisory Board of the Louise H. Batz Patient Safety Foundation. Dr. Lynn has authored and co-authored numerous publications relating to patient monitoring and patient safety, including *Patterns of unexpected in-hospital deaths: a root cause analysis. Patient Safety in Surgery*. 2011; 5:3.