



WORLD AUTOMATION CONGRESS

WAC 2022

15th Bi-annual Congress



Ali Seifi, MD, FNCS, FCCM
Associate Professor of Neurosurgery
Neuro Intensivist Physician
University of Texas Health Science Center,
San Antonio, Texas, USA

Venue: Holyday Inn Riverwalk
San Antonio

Outstanding Achievement Awardee

Bio: Ali Seifi, M.D., FNCS, FCCM, Director of the Neuro-ICU, is an associate professor in the Department of Neurosurgery at the University of Texas Health

Science Center San Antonio who has served as an attending physician since 2012. He has cross appointment in the departments of Neurology, Anesthesiology and Internal Medicine. Dr. Seifi oversees the care of patients in University Hospital's state-of-the-art Neuro-intensive Care Unit (NICU), as well as leads the unit's daily operations. This NICU is the only intensive care unit in the region fully dedicated to the care of neurologically ill patients and staffed with physicians and nurses specially trained in the care of patients with brain, spine, and nervous system diseases. Dr. Seifi received his medical degree from Shiraz University of Medical Sciences (SUMS), where he graduated with honors in 1996. He did his first residency in Anesthesiology and Critical Care at SUMS and then did his second residency in Internal Medicine at New Jersey's AtlantiCare Medical Center. Finally, he did two years of an extensive Neuro-critical Care fellowship at Thomas Jefferson University in Philadelphia, a well-known center for Neurosciences. He is triple board certified in Anesthesiology, Internal Medicine and Neurocritical Care.

His principal clinical interest is in the care of critically ill patients, especially with an emphasis on neurosurgical and medical aspects. Dr. Seifi is actively involved in teaching medical students and residents and has been awarded Excellence in Teaching, recognized by the medical students at the University of Texas Health at San Antonio for four years. He is currently conducting several research projects as principal investigator and has several patents and entrepreneurial projects. One of his patents is a device that terminates transient hiccups by "Forced Inspiratory Suction and Swallow" (FISST) maneuver, which successfully processed to the production as HiccAway. His other patents are an induced hypothermia machine calibrator system which is designed in collaboration with the department of biomechanical engineering at UT Austin. And lastly, he patented an innovative method for treating the Anti-N-methyl D-aspartate (NMDA) receptor autoimmune encephalitis. He was awarded Excellence in Teaching, recognized by the medical students at the University of Texas Health at San Antonio for five years