

Surgeons and Engineers from UNMC, UNO, and UNL Innovating Surgical Technology

CAST (The Center for Advanced Surgical Technology) develops innovative technology through collaborative, interdisciplinary biomedical research within the University of Nebraska system. CAST specializes in finding new collaborations between multiple disciplines, developing new ideas, and moving successful innovations through the commercialization continuum from seed grants to federal grants to venture capital funding. Additionally, CAST provides projects for training undergraduate and graduate engineering and clinical students in the development and utilization of advanced biomedical technology. Our patient outcomes research enables us to compare the effectiveness of treatment approaches.