

Ambilabs, LLC | Warren | \$75,000 | Manufacturing Voucher | Ambilabs, LLC has developed a unique compact airborne aerosols monitoring system designed to measure air quality and visibility degradation caused by smoke and other air pollution. Ambilabs is seeking voucher support to consolidate the validation and testing of their novel measurement system. With success of this project, Ambilabs will produce a fully US manufactured solution and be ready to scale manufacturing operations in Rhode Island.

Lenoss Medical | Bristol | \$75,000 | Knowledge Provider Voucher | Lenoss Medical, Inc. will partner with Dr. Anita Shukla of Brown University's School of Engineering to conduct the next stage of research and development focused on investigating the potential of using the OsteoPearl™ Vertebral Body Augmentation (VBA) System as a drug delivery system. Dr. Shukla's team will investigate and categorize the drug delivery capabilities of the OsteoPearl™ biological allograft implant and optimize the design of the dual-purpose implant. The goal of this work is to advance the current treatment for vertebral compression fractures by creating a combination product that addresses both the fracture healing and the diseases causing the fracture, such as osteoporosis, at the time of surgery.

Native Orthopaedics | Providence | \$75,000 | Manufacturing Voucher | Native Orthopaedics has created a novel implant solution that simplifies the suturing process of knee repair surgery. With this voucher, Native Orthopaedics will test their device in dry and wet settings to produce the data required for regulatory compliance. Native Orthopaedics tensioner device has the potential to improve knee repair strength, improve patient outcomes from knee surgery, and reduce the necessity for full knee replacement.