NEED
Start up and emerging technology companies require a technical infrastructure and an innovative environment in order to succeed.

IMPACT

NANOVIS INITIATIVE

NANOVIS LLC is using its nanotechnology core capability to become a high-growth orthopedic company. It is commercializing a full portfolio of nano-enhanced implants in the $6.7 billion U.S. spinal implant market; has FDA clearance for lumbar and cervical interbody fusion device systems, a cervical plate system, and a pedicle screw system; and is launching a series of technology enhanced implant platforms now through 2018. Nanovis’ FortiCore, FortiFix, FortiBridge, and FortiBone implants are design to offer faster and stronger biologic fixation than other implants — a key benefit for patients and surgeons.

Many of Nanovis’s 10 patents and 12 applications were invented at Purdue University and Discovery Park. The company’s research and development center in Purdue’s Research Park has received critical support — affordable office space, access to business support services, marketing and public relations support, IP and licensing support, wet lab space, and fundraising expertise. In Discovery Park, NANOVIS has accessed premier lab space, state-of-the-art equipment, faculty and staff expertise, and surface design experience for addressing a wide range of issues in developing some of the first and most technically advanced nanotechnology enhanced implants in development today. The world-class scientists at Discovery Park have helped with issues ranging from nanomaterial synthesis to crystallinity to imaging to cell and bacterial function on nanomaterials. The Purdue College of Veterinary Medicine provides the capability for animal studies and testing. Micropulse, Inc. in Fort Wayne is the partner for manufacturing.

“The Birck Nanotechnology Center has provided NANOVIS access to impressive research infrastructure, allowing the development of product starting from early Stage nanomaterials through to late-stage preclinical research on orthopedic implants. After consolidating its development from labs in other states to the Birck facility, NANOVIS’s first conventional spinal implants were cleared by the FDA and are now helping patients. NANOVIS is now preparing for the launch of nanotechnology enhanced implants and transitioning into a high-growth orthopedic company. We are delighted to begin increasing our positive contribution to Indiana’s economy.”

— Matt Hedrick, Nanovis Chief Executive Officer http://www.nanovisinc.com/

The Equation For Success =

http://www.nanovisinc.com

http://www.purdue.edu/discoverypark

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