

# James Stannard

**Orthopaedic surgeon**  
**Dr. James Stannard finds new solutions to repair injured joints.**

Before joining the University of Missouri in 2009, Stannard had one of the largest practices in the country dedicated to repairing severely damaged knees. Now, as director of MU Health Care's Missouri Orthopaedic Institute and chair of the Department of Orthopaedic Surgery, he partners with colleagues in the School of Medicine and the College of Veterinary Medicine to not only repair injured knees, but to advance the field of orthopaedic surgery.

In many cases, tissue donated for joint replacement does not survive long enough to be transplanted. Stannard was instrumental in the development of a new, cost-effective technology that more than doubles the life of the tissue.

Stannard also helped develop the "Mizzou BioJoint" ([biojoint.com](http://biojoint.com)), an innovative biological joint replacement. The technology utilizes natural grafts of living joint tissue such as tendons and ligaments to restore health and function without plastic, metal or other artificial substances. "A Mizzou BioJoint really involves not only the use of our unique preservation system, but also specialized techniques for implanting grafts - techniques that were developed right here at the Missouri Orthopaedic Institute," says Stannard.

Dr. James Stannard is medical director of the Missouri Orthopaedic Institute and J. Vernon Luck Sr. Distinguished Professor of Orthopaedic Surgery in the School of Medicine.

