

Resilient Arthroplasty Devices (RADs) are custom fitted and phenomenally robust polymer joint caps intended to pad damaged cartilage and restore cushioning of the knee. This disruptive technology will make conventional TKAs obsolete because RADs can be implanted during an outpatient procedure by making a small incision (under 2 cm) in the knee. Patients having this joint saving procedure will appreciate a reduction in joint pain and improved mobility after a 1-2 day recovery. The plan is to provide patients the Right To Try knee salvage and healing before routine arthroplasty.

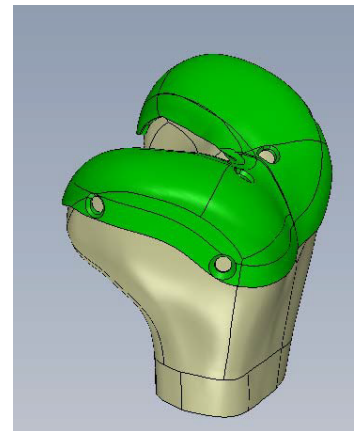
iOrthopedics, Inc. (iOI) has collaborated with Modified Polymer Components, Taylor Collaboration, DSM, AdvanSource, Univ. Toledo, ETC, Flex Partners, the FDA, renown surgeons, engineers and advocates. Patent protected, prototype validated, IRB IDE permitted for use, the RAD offers sensible recovery.

The knee RAD is soft, flexible, pliable, tough and conforming, fixed over the distal femur, in apposition with proximal tibial and retropatellar surfaces. It is molded to fit, fixed with screws and its elasticity, long term using peripheral bone in growth.

**PATENTED TECHNOLOGY**

US8771363 US9662218  
US9757241 US10045851  
US10004605 US10307257  
US10307258 US10617527  
EP2750629B1 CN102834073  
USD833613S1

The custom fitting design intends to restore normal cartilage thickness and limb alignment. Surgical indications for RAD are those analogous to routine total knee arthroplasty devices, to reduce pain and improve function. Now patients have a chance to heal after more than a decades' work by surgeon inventor Robert Thomas Grotz, MD, and colleagues.



**CONTACT**

Eric Hansen/Co-founder/  
Medical Director PFD  
(888) 475-4748 X 705  
(949) 290-9249  
Eric@PFDCap.com

Robert Ermoian  
Assistant to Eric  
(949) 291-9044  
E: Lred@PFDCap.com

R. Thomas Grotz, MD Board  
Chair; Founder  
M: (415) 819-0727  
E: RGrotzMD@iOrthopedicsINC.com