

Researcher Spotlight

VSON Research and Education Foundation (VSON REF) is committed to understanding how patient outcomes may be improved following surgical intervention. In recent years, technology-driven advancements in robotic-assisted Total Knee Arthroplasty (rTKA) have emerged to improve the accuracy of bone resections and quantify soft tissue balance [1-3]. But few studies have addressed whether robotic-assisted total knee arthroplasty (rTKA) significantly impacts functional outcomes when compared to conventional total knee arthroplasty (cTKA). Currently, VSON REF is collaborating with Dr. Nathan Cafferky, adult reconstruction specialist, on a retrospective clinical study investigating whether patients undergoing rTKA or cTKA are more likely to achieve the Minimally Clinically Important Difference (MCID) and Patient Acceptable Symptom State (PASS) thresholds for the Knee Injury and Osteoarthritis Outcome Score for Joint Replacement (KOOS-JR). The end-goal is to publish the results of this study with intention to help better understand how implementing robotics in orthopaedic surgery may affect patient outcomes. Learn more at [VSONFoundation.org](https://vsonfoundation.org)!

1. Lonner JH, Fillingham YA. Pros and Cons: A Balanced View of Robotics in Knee Arthroplasty. *The Journal of Arthroplasty* 2018;33:2007-13. <https://doi.org/10.1016/j.arth.2018.03.056>.
2. Mancino F, Cacciola G, Malahias M-A, De Filippis R, De Marco D, Di Matteo V, et al. What are the benefits of robotic-assisted total knee arthroplasty over conventional manual total knee arthroplasty? A systematic review of comparative studies. *Orthop Rev (Pavia)* 2020. <https://doi.org/10.4081/or.2020.8657>.
3. Mancino F, Jones CW, Benazzo F, Singlitico A, Giuliani A, De Martino I. Where are We Now and What are We Hoping to Achieve with Robotic Total Knee Arthroplasty? A Critical Analysis of the Current Knowledge and Future Perspectives. *ORR* 2022;Volume 14:339-49. <https://doi.org/10.2147/ORR.S294369>.



Photo Credit: Moving Mountains

IRB Quality Random Audits

Thank you to the Principal Investigators and study teams that participated in the Vail Health IRB's quality program random audits.

We appreciate your role in helping create a stronger research program here at Vail Health. If you or your team would like more information on the quality audits, please email the IRB office with your questions.

New Google Surveys Available

After you receive your approval notice from the IRB in IRBManager, an additional email will be sent containing a link to our anonymous satisfaction survey. Or complete the survey via this [link](#). Please complete it so we can make improvements!

Conflict of Interest Inbox

Our research conflict of interest (COI) disclosure department now has their own email. Please email ResearchConflictOfInterest@vailhealth.org with any questions or concerns regarding any research conflict of interest topic.

Upcoming Coordinator Meeting Dates

February 9th
March 9th
April 13th

Submission Turnaround Times

The latest updates

Total number of submissions for 2022:
675 submissions
(Includes all submission types)

127 Active Protocols

TAT are for the year of 2022

Full Board reviews: 21 days
Expedited reviews: 1 days
Exempt reviews: 1 days

*Calculated based on the time the IRB receives complete submission to approval. Includes times in data entry, department review, IRB pre-review, review, and post processing.

Upcoming IRB Meetings Schedule

February 9, 2023
March 16, 2023
April 13, 2023
May 11, 2023

*Agendas for meetings are sent one week prior to the meeting date. Only studies ready for Full Board review are assigned to the meeting agenda.

Contact Us Anytime

We are here to help!

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