

JaipurKnee : A Prosthetic Knee Joint for Extreme-Affordability

The JaipurKnee is a high-performance, low-cost prosthetic knee joint for above-knee amputees. Designed in collaboration with Stanford University and the Jaipur Foot Organization (BMVSS), the JaipurKnee's polymer-based polycentric design provides a stable gait at a fraction of the cost.



High Performance: Blends gait stability with a natural swinging motion

Affordable: One tenth the cost of comparable polycentric knee joints

Lightweight: 1.5 lb / 0.68 kg

High Range of Motion: 165° range of motion enabling kneeling and squatting

Universal Design: Works with standard prosthetic leg systems including BMVSS and standard pyramid adapter system

Long Life Span: Benchtop tested to 3-5 years of use

Durable Material: Oil-filled nylon polymer self lubricates with use

Simple Geometry: Five plastic pieces and four standard fasteners

Takes Inspiration from Biology: Mimics an anatomical knee's motion



For all inquiries, please contact Vinesh Narayan, ReMotion Product Manager, at: vnarayan@d-rev.org

3,000+ patients around the world have been fitted with the JaipurKnee. Currently, the JaipurKnee is in field trials in **India** and **Ecuador**.

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