

MicroPort Orthopedics unveils new knee replacement system

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Launch of Evolution® NitrX™ Medial-Pivot Knee System



MicroPort Orthopedics, a medical device company associated with China headquartered MicroPort Scientific Corporation, that develops and manufactures cutting edge joint replacement implants designed to help patients achieve full function faster, has announced the launch of the Evolution® NitrX™ Medial-Pivot Knee System.

The MicroPort Orthopedics medial-pivot knee system now stands on over 20 years of clinically demonstrated success with its novel medial-pivot design built on the evidence of the natural stability and kinematic motion of the knee.

The Evolution® NitrX™ Medial-Pivot Knee features a titanium niobium nitride (TiNbN) coating that has been shown in simulated clinical testing to reduce the release of cobalt (Co), chromium (Cr), molybdenum (Mb), and nickel (Ni) ions common in standard CoCr implants. The Evolution® NitrX™ Medial-Pivot Knee builds upon the same medial-pivot legacy of 95% patient satisfaction with 98.8% survivorship at 17 years.