GMK Efficiency

ENVIRONMENTALLY RESPONSIBLE

GMK Efficiency single use instruments

- Have neutral environmental impact when compared to the average CO₂ equivalent annual emission of a hospital using conventional metal re-usable instrumentation [5]
- Save up to 435 litres of clean water for each TKR by completely eliminating the need to wash and sterilize traditional metal instrument trays [6-8]

EFFICIENCY KNEEPACK: THE ULTIMATE SOLUTION FOR TKR

All the components needed to perform a Total Knee Replacement delivered terminally sterile in a single, lightweight box to streamline instrument management and to shorten surgery time.

Experience:

- The Stability of GMK Sphere medially stabilized total knee implant [9-12]
- The Accuracy of MyKnee patient matched technology [13-17]
- The Optimized Logistics and Cost-effectiveness of GMK Efficiency single use instrumentation [1-4]

REFERENCES


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Responsibility Innovation
Healthcare systems around the world are challenged by increasing volumes and economic pressure. Healthcare providers are looking for innovative ways to improve efficiency whilst reducing the cost of surgical procedures.

Medacta is committed to providing innovative orthopaedic solutions that improve patient well-being, safely and effectively, and deliver sustainability and efficiency to the healthcare system.

Efficiency Is The Keyword
GMK Efficiency single use instruments have been developed to optimise instrument management, providing significant benefits in the O.R. and throughout the hospital supply chain.

GMK Efficiency has the potential to generate significant savings on the global TKR procedure cost [3-4].

Complete Single-Use Instrumentation
GMK Efficiency is a complete single use instrument set to implant either GMK Sphere or GMK Primary total knee systems. Thanks to GMK Efficiency, the back table management is simplified.

Lower Infection Risk
Potentially reduced risk of non-sterile instrument occurrences with terminally sterile instruments [1]. The estimated cost for a single surgical site infection is on average $25,500 [2].

Efficient and Cost-Effective
The time and costs related to washing, sterilising and checking instruments are potentially eliminated [3]. The potential reduction in turnover time and optimisation of staff management can lead to additional surgeries during a surgical session.

Always Ready, Sterile and Brand New, Optimising Logistics
Surgery cancellation or delay caused by non-sterile, missing or dysfunctional instruments can be prevented. GMK Efficiency is always delivered terminally sterile. A complete set of GMK Efficiency weighs almost 10 times less than a conventional re-usable instrument set!

Reproducible Procedure
Ergonomic, staff-friendly instruments, brand new for each case. The combination of special medical grade composite technopolymers and a precise manufacturing process provides high fatigue and abrasion resistance whilst granting design versatility.

A Customised Solution
GMK Efficiency has a size-specific layout for effective instrument management. GMK Efficiency can be used in conjunction with MyKnee, patient-matched instrumentation, maximising its benefits. As an alternative to MyKnee, the GMK Efficiency Conventional set can be used, which includes alignment jigs and sizers.

A GMK Efficiency Patella set is available as an option.