Optimized cementing technique for knee arthroplasty

Introducing Optipac Knee
Optipac is the closed vacuum mixing system, pre-packed with bone cement, delivering reproducible and reliable high quality results, and at the same time providing surgeons and nurses with a safer working environment.

**Personalized solutions for each procedure**

By introducing Optipac Knee, Biomet meets the needs and requirements of the surgeon and provides the choice for a custom fit option for each patient. Optipac Knee is intended for uni-knee, hybrid knee and a two-step total knee procedure and contains an optimized amount of cement for these procedures (25.2 g and 27.7 g of powder in the two cement versions). A new breakable knee nozzle is included in Optipac Knee. The breakable knee nozzle is now also included in Optipac 40, for a single-step total knee procedure.

Vacuum mixing of bone cement has been the standard mixing procedure in Scandinavia since the mid 90s for both Hip and Knee procedures.

**Flexible Solution – Breakable Knee Nozzle**

The nozzle creates an even layer of cement and provides easy access to narrow compartments. The nozzle can also be used to apply cement directly to the implant.
Vacuum mixing improves bone cement quality

One of the key pillars in Modern Cementing Technique is improvement of bone cement quality by using a vacuum mixing system. With its patented design for collection under vacuum, Optipac reduces both microporosity and macroporosity which helps prolong cement fatigue life.\textsuperscript{1,2,3,4,5}

All-in-one!

Optipac comes pre-packed, which eliminates several steps in the mixing process. The standardized mixing system produces a consistently high quality bone cement.

A safer working environment

Optipac is one of the most efficient vacuum mixing systems on the market when it comes to reducing monomer fumes in the OR.\textsuperscript{6,7} The pre-packed system results in no direct contact with bone cement, no cement cloud with antibiotics or breaking of glass ampoules.

If a round nozzle is required, simply snap off the flat portion at the breakpoint. The knee nozzle is compatible with the Knee cementation nozzle, which is a pressurizer, used to apply cement to the surface of the bone.
Optipac Knee – a new member in the Optipac family

- Safer working environment
- Time saving
- Practical and easy to use
- High quality – and reproducible results

Ordering information

Optipac Knee Refobacin® Bone Cement R
4709500392
1 x 25.2 g Refobacin Bone Cement R powder
12.4 ml monomer
1 knee nozzle breakable

Optipac Knee Refobacin® Plus Bone Cement
4719502082
1 x 27.7 g Refobacin Plus Bone Cement powder
12.4 ml monomer
1 flat breakaway nozzle

Optipac 40 Refobacin® Bone Cement R
4710500394
1 x 40.8 g Refobacin Bone Cement R powder
20 ml monomer
1 knee nozzle breakable
1 breakaway cement nozzle

Optipac 40 Refobacin® Plus Bone Cement
4720502083
1 x 44.9 g Refobacin Plus Bone Cement powder
20 ml monomer
1 knee nozzle breakable
1 breakaway cement nozzle

References


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