

Flexible and resorbable cement restrictor



PRODUCT FEATURES

- ✓ Peak Pressure Release System
- ✓ Conical insertion hole
- ✓ Extra depth Insertion Hole
- ✓ Resorbable and very flexible
- ✓ Oversized to occlude

DESIGN

- ✓ 3 ring cylindrical plug
- ✓ Base hole for C~plug carrier
- ✓ Gelatine base, resorbable
- ✓ 6 sizes : 8-10-12-14-16-18



PURPOSE

- ✓ Plug the medullary canal for optimal cementing of prosthesis
- ✓ Clear-cut cement interface, no cement flow beyond the plug
- ✓ To minimise the risk of failure due to migration or cement leakage

INSTRUMENT SET

- ✓ Smaller plug carriers
- ✓ Longer screw thread
- ✓ Extra solid inserter
- ✓ Easy to use : One instrument only for sizing and insertion



Bibliography

- ✓ Intramedullary plugs are widely regarded as one of the key elements in improving cement technique. (Suominen et al. 1996)
- ✓ To achieve adequate pressures for cement-bone interdigitation during stem insertion, adequate plugging of the distal femoral canal is essential (Song et al. 1994)
- ✓ Spread of cement in the femur will be restricted by using an intramedullary plug, this makes removal of the distal cement easier during revision of a cemented stem. Also biodegradability of the plug makes surgery easier. Removing non-resorbable plugs can be as difficult as removing distal cement. (Kroon et al. 2006)