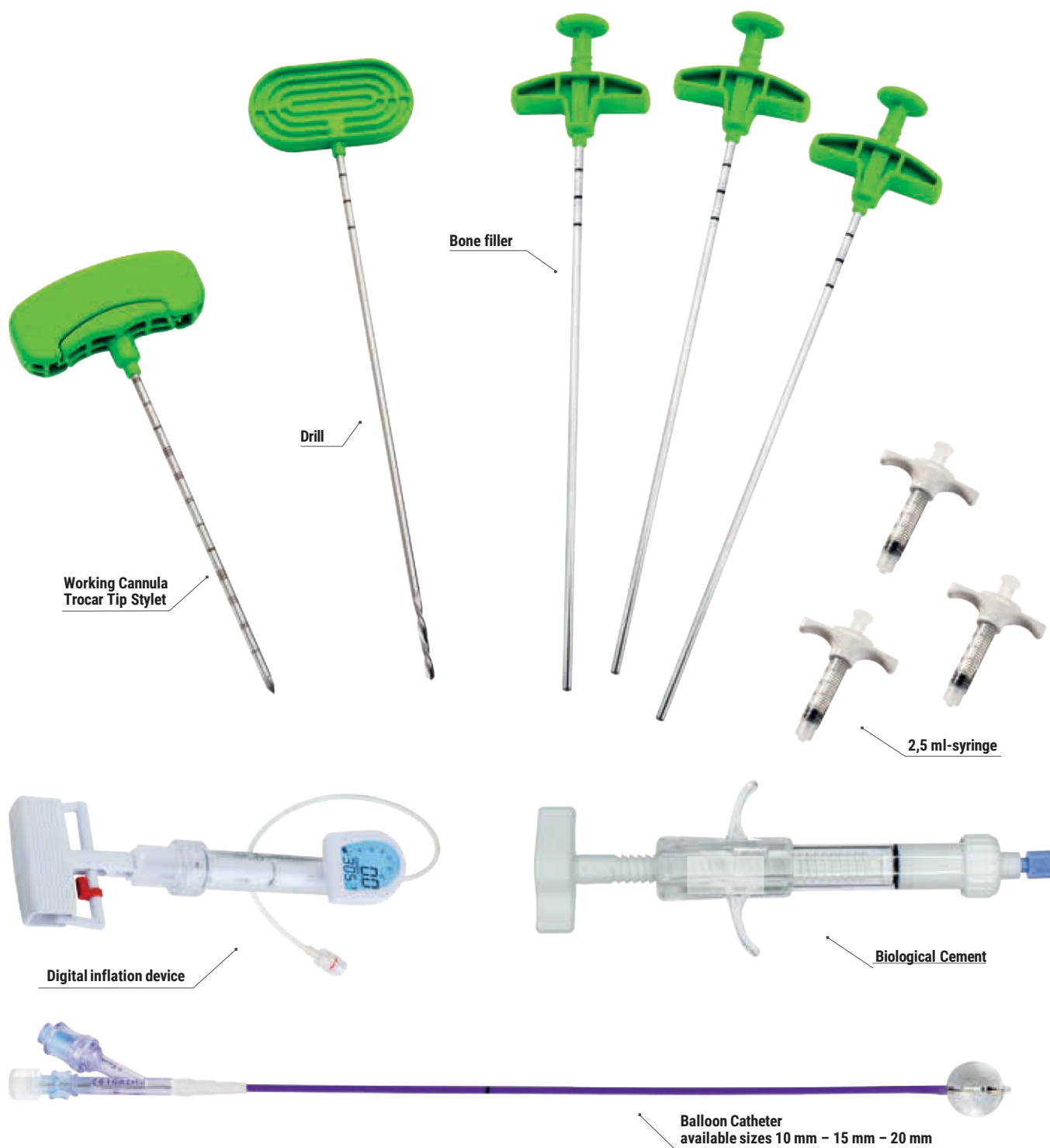


OSTEOPLASTY™

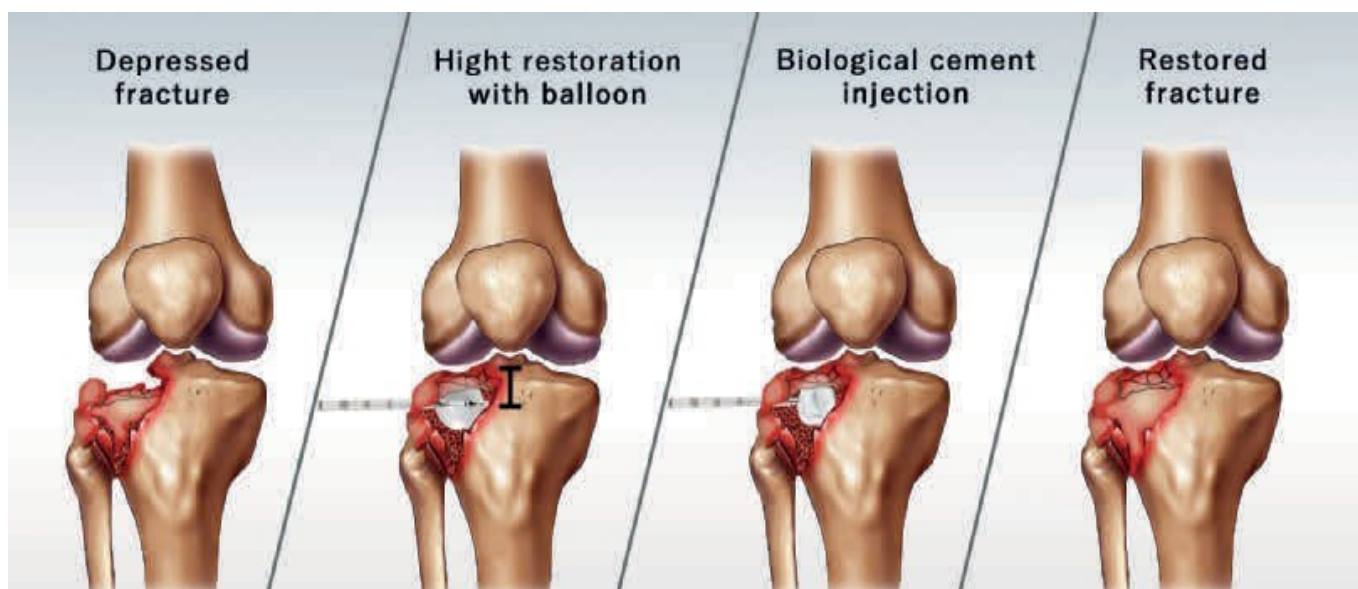
METAPHYSEAL BALLOON AUGMENTATION

OSTEOPLASTY™ kit is a minimally invasive system for reducing and restoring bone height and alleviating related pain in different types of fracture, such as tibial plateau, calcaneus and distal radius injuries.



Tools Kit

*Can be sold without biological cement



BENEFITS:

- Minimally invasive solution.
- Useful for bone height restoration.
- Without plating techniques: applicable for non-load bearing defects.
- With plating techniques: applicable for load-bearing defects.
- Reduced risk of infection.
- Ready-to-use bone substitute, no preparation needed.
- Hardening in a wet environment only: no time pressure during application.
- Truly biologic: composed of micro-crystalline, calcium-deficient hydroxyapatite – the primary component of bone.
- Supports load-sharing properties (up to 45 MPa).
- Radiopaque paste: visible under fluoroscopy and X-rays.
- Fast recovery after treatment.
- Bioresorbable during bone remodelling.

SURGICAL TECHNIQUE:

1. Identify the best surgical trajectory.
2. MIS access to the entry point through cannula and trocar stylet under fluoroscopic guidance.
3. Remove the stylet from the cannula and insert the drill under the depressed area of bone.
4. After removing the drill, insert and inflate the inflatable balloon catheter through the cannula centred at the area of depressed fragments.
5. Once the injury has been adequately reduced, deflate and remove the catheter balloon from the cannula.
6. Fill the created cavity with a bone substitute until the space is filled under fluoroscopic guidance.
7. Plating may be implemented before or after the filling of a bone substitute.

STANDARD KIT COMPOSITION:

- No. 1 Working Cannula + Trocar Tip Stylet
- No. 1 Drill
- No. 3 Bone Fillers + 3 Syringes (2,5 ml)
- No. 1 Balloon Catheter (10 mm or 15 mm or 20 mm)
- No. 1 Digital Inflation Device
- No. 1 Biological Cement*

* Can be sold without biological cement