Cheng Biopsy Trephine System

Using a threaded K-wire facilitates grasping and removal of a core bone sample for biopsy or core decompression

Designed for use with a standard 1.6mm (.062") threaded K-wire (not included).

PRODUCT No:
1425-00
Trephine Internal Diameters:
5mm, 6.5mm, 8mm

Designed by Edward Cheng, MD

- Allows use of trephine at oblique angles to bone surface by using an anchoring K-wire and cannulated trephine
- Avoids “skipping” of trephine teeth on bone surface
- Facilitates optimal approach angle and direction of trephine
- Variety of core diameters yields bone samples of sufficient size for pathology
- Adapters allow for use of a power drill
- Minimally invasive — soft tissue sleeve protects surrounding structures and tissue
- Can also be used for bone graft harvesting
- Repositioning guide allows easy adjustment of targeting K-wire

FREE TRIAL ON MOST INSTRUMENTS

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1 Insert threaded wire to target site.

1a If wire placement is not satisfactory, the target repositioning guide can be used to help accurately reposition the wire.

2 Install soft tissue dilator for desired bone core size over wire.

3 Install appropriate size tissue protector over dilator.

4 Remove dilator leaving tissue protector in place.

5 Insert one size smaller dilator over wire.

6 Insert trephine over dilator.

7 Install hex drive adapter on trephine and connect drill.

8 Advance trephine into site and remove drill.

9 Attach wire grasper to wire with locking screw.

10 Remove trephine, wire, dilator and specimen as single unit.

11 Loosen wire grasper, slide back, re-tighten, push/tap wire forward to remove specimen from trephine.

12 Optional: Use pituitary rongeur (not supplied) or curette to obtain additional tumor tissue samples.