

Casting Application Techniques

Contact your EXOGEN Product Specialist to order casting kits.

In cast installation with square pad



- Locate fracture site using X-Ray
- Mark treatment area on cast with an X



- Use standard cast saw
- Cut window out of cast



- Remove newly created window
- Remove excess padding and cut stockinette with scissors



- Remove layers of square felt pad until pad is same thickness as cast
- Use only square pad when cutting square hole



- Insert RAF into mesh until mesh sits over lower lip
- Peel off adhesive backing from off-white square pad and stick to bottom of RAF



- Insert assembly into the square window
- Put the red cap on the RAF



- Finish building cast to cover mesh around RAF



- Completed in cast build



- Install felt plug to prevent window edema



- Install RAF cap

Built into cast



- Mark treatment area and put on stockinette
- Cut hole in stockinette over treatment site, make certain marked area is open to skin



- Peel off adhesive backing from off-white square pad and stick to bottom of RAF
- Insert assembly into stockinette



- Illustration of correct placement under padding



- Insert round felt plug to hold RAF in place



- Apply cast felt – split or cut hole to fit over RAF
- Apply rest of cast padding. Putting RAF through hole will help hold it in place when finishing the cast.



- Apply one layer of synthetic cast material
- Place mesh square onto plastic port to ensure solid construct

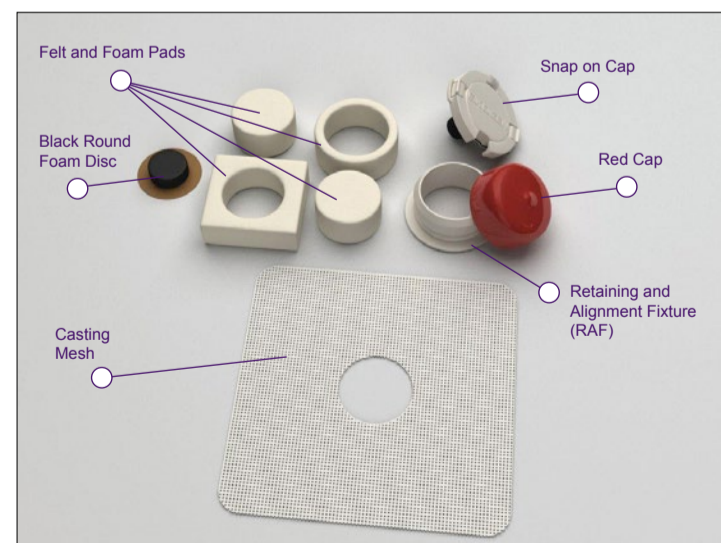


- Put the red cap on the RAF
- Finish building cast to cover mesh around RAF



- Install RAF cap

Cast Accessory Kit



On cast installation



- Position RAF of strap assembly securely over cast window



- Place round felt plug into RAF

Summary of Indications for Use

EXOGEN is indicated for the non-invasive treatment of osseous defects (excluding vertebra and skull) that includes the treatment of delayed unions, non-unions[†], stress fractures and joint fusion. EXOGEN is also indicated for the acceleration of fresh fracture heal time, repair following osteotomy, repair in bone transport procedures and repair in distraction osteogenesis procedures.

[†] A non-union is considered to be established when the fracture site shows no visibly progressive signs of healing.

There are no known contraindications for the EXOGEN device. Safety and effectiveness have not been established for individuals lacking skeletal maturity, pregnant or nursing women, patients with cardiac pacemakers, on fractures due to bone cancer, or on patients with poor blood circulation or clotting problems. Some patients may be sensitive to the ultrasound gel.

Full prescribing information can be found in product labeling, or at www.exogen.com.