

Dynamic Flexion device in open and flexed position



## 33 external fixation system is a lightweight, radiolucent device for the repair of unstable distal radius fractures

### Rigid System

The Fixus 33 upper extremity fixator is designed for the distal radius. It incorporated independent movement of its ball clamps in multiple planes. It has a simple frame design, and provides versatility and ease of use. The Fixus 33 offers a comprehensive surgical solution, with multi-planar motion of the

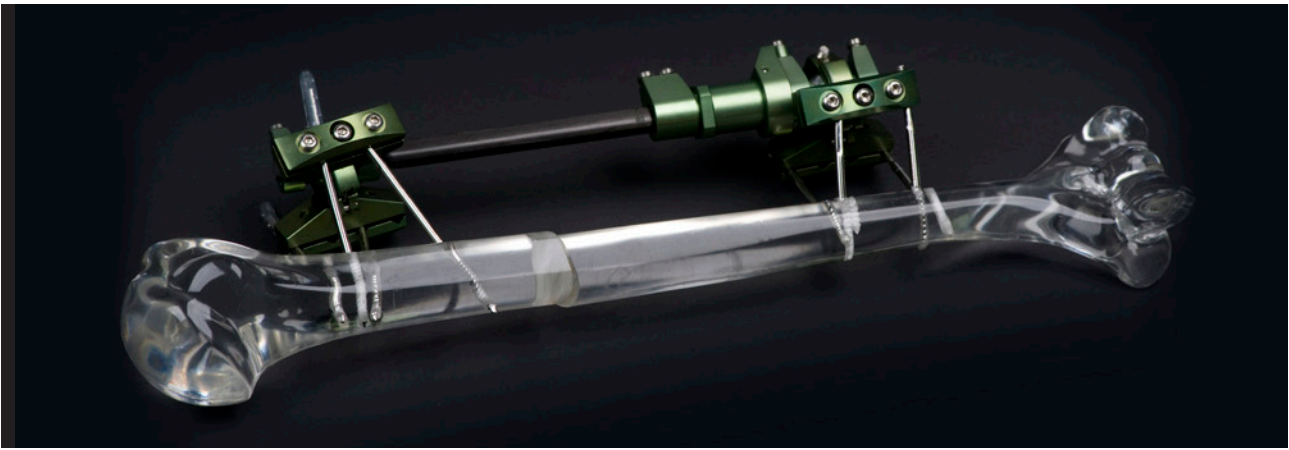
wrist for unrestricted manipulation of the fracture while the fixator is in place. The Fixus 33 helps to provide all the multi-planar control and adjustments of the more complex fractures in a simple, surgeon-controlled device. It may be used for temporary fixation or definitive care of fractures, including the humerus and paediatrics.



Dynamic Flexion device in a closed (locked) position

### Flexible System

Shown here with its dynamic flexion device the Fixus 33 is a highly stable, lightweight fixator for distal radius fractures. It can be used for the most complex extra-articular or trans-articular applications. When desired, the wrist joint can be mobilized without displacement of fracture fragments. Extra-articular applications allow motion from day one and improved patient function during treatment with preserved volar tilt. The radiolucent bar allows visualization of the reduction.



Rigid with compression / distraction device

The unique and patented dynamic flexion device of the Fixus 33 is a proven aid in the prevention of post treatment joint stiffness. The device is adjustable and allows a step-less control of wrist joint movement from rigid to a range of 30 degrees.

#### **Compression/Distracton System**

Fixus has developed an compression and distraction device for the humerus and paediatrics. The compression and distraction device offer the same versatility and ease-of-use. It is compatible with the Fixus 33 System instruments, requiring only one extra tool to assemble the frame. The low profile 8mm bar and ball clamp assembly is excellent for patient comfort, while still intending to maintain secure strength and durability. Optional T- key helps the patient follow the regime of daily distraction.

#### **Material**

The Fixus 33 is manufactured from light weight aluminium and carbon composite material to allow for low profile, high resistance frames. All Fixus 33 aluminium components are anodised in green. The carbon rods are available in 5 different sizes.



Round pin holder allow pins to be placed at variable angles

## **Features and benefits**

- The unique and patented dynamic flexion device to avoid joint stiffness and post treatment
- Ball clamps can be positioned in a variety of ways to allow for optimal pin placement, easy frame adaptability, and access to the locking screws
- Ball clamps and round pinholders allow insertion of pins parallel or in a V, convergent or divergent directions
- Radiolucent carbon fiberrod allow complete fracture visualization
- Low profile frames are light-weight and patient-friendly
- Modular frame components allow independent pin placement and enables the surgeon to build the frame around the fracture
- Only one hexagonal driver is required to assemble or adjust the frame
- Accepts 3,0 mm and 3,2 mm pins
- Single- or multi-pin clamps, with a variety of frame configurations designed to meet surgeon's preferences and fracture needs. Includes standard unilateral or bi-lateral bridging frames for intra-articular fractures and peri-articular non-bridging frames for extra-articular fractures