



**ORTHOFIX Srl**

**Via Delle Nazioni 9 - 37012 Bussolengo (Verona) - Italy**

Telephone 0039-0456719000 - Fax 0039-0456719380



## **ENGLISH**

---

**Instruction leaflet - Please read prior to use**

# **ORTHOFIX® LRS Dyna Block**



Attention, this leaflet is an addendum of instructions for use PQ DYB, PQ EXF

### **LRS Dyna Block (SS53537, SS55537)**

The Dyna Block is available both in adult (SS53537) and paediatric (SS55537) model. The Adult Dyna Block is used in association with a LRS ADV rail, while the Paediatric Dyna Block with a Paediatric LRS rail. Either Dyna Blocks are used with a Sheffield or a TrueLok Ring.

### **Indication for use:**

Protection of an unstable knee during lengthening according to the indications and contraindications listed in the PQ-EXF.

### **Warnings and Precautions**

1. Position the Hinge Pin in the Center of rotation of the knee. Wrong positioning could limit the R.O.M. of the knee.
2. The Hinge Pin must always be inserted into one of the Dyna Block holes closest to the distal diaphyseal bone screws.
3. Ensure that the Sheffield Clamp is placed as close as possible to the Dyna Block.
4. Do not insert more than one washer on the Hinge Pin between the Sheffield Clamp and the Dyna Block, otherwise the stiffness of the construct could decrease significantly.
5. Once all bone screws have been inserted, check that flexion-extension of the knee is not impeded. This will confirm correct positioning of the hinge. If necessary, replace the K-wire and Hinge Pin.
6. The SS53537 and SS55537 have not been tested in traumatic and severely unstable knee conditions. These

could require an increased stiffness to ensure congruent healing and a more anatomical rotation to avoid worsening of joint conditions.

7. The surgeon should decide the amount of weightbearing according to the stability of the repair and the rigidity required to ensure congruent healing.
8. The hinged construct is intended to be used in femoral lengthening applications to help avoid articular stiffness by bridging the knee.
9. An additional stabilizing rod should be applied anteriorly, between the anterior face of the Dyna Block and the Ring, to span the hinge and protect from a knee flexion contracture when knee movement is not controlled (e.g. patient is asleep). (Use only the central threaded hole present in the Dyna Block to fix the stabilizing rod).
10. Lengthening of the femur along mechanical axis could generate anatomical axis mal-alignment. Adequate pre-operative planning of corrective procedures should be performed to avoid this condition.

## SYMBOL



See instructions for use PQ DYB - PQ EXF



Single use. Do not reuse



STERILE. Sterilised with ethylene oxide



STERILE. Sterilised by irradiation



NON STERILE



Catalogue number



Lot number



Expiry date (year-month)



Ce marking in conformity to  
MDD 93/42/ECC as amended by  
2007/47/EC



Date of manufacture/Manufacturer



Do not use if package  
is opened or damaged