DIANA®
Distraction Interference Arthrodesis, Neurovascular Anticipating
**Description**

The DIANA system utilizes the distraction-interference method to provide a simple and safe fusion technique for the sacroiliac joint. Predictable and reproducible placement of the DIANA implant is achieved using sequential instrumentation with ligamentotaxis stabilizing the joint during the fusion process.

The unique, but intuitive design of the technique and instrumentation keeps the procedure 'in the safe zone' and reduces the risk of the complications that have been associated with traditional SI joint fusion techniques. The colour-coded instrumentation and implants together with the intuitive, step-wise technique reduces the learning curve and may reduce the risk of complications. In contrast to lateral approaches to the SI joint the novel DIANA approach allows preparation of the extra-articular recess and generous grafting to provide an optimal environment for successful fusion while limiting the risk of complications.

The application-specific design of the implant provides structural support for stability while facilitating fusion. A range of implant sizes is available to accommodate anatomical differences.

**Application**

The DIANA system is indicated for painful sacroiliac joint requiring surgical stabilization by bone grafting and internal fixation as caused by:

- Sacroiliac joint degeneration
- Injury or fall
- Excessive stress on the SI joint due to previous back surgery

**Specific Advantages**

**Implant Geometry**

- Conical design to optimize stability
- Self-tapping, multicapacity thread
- Hollow and fenestrated to support fusion

**Instrumentation**

- Unique, application-specific
- Colour-coded
- Well thought out and intuitive

**Technique**

- Extensive clinical experience¹,²
- Sequential, guide-pin directed insertion
- Compatible with numerous fusion grafting methods
- Mini-open approach

**Implants**

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**Material:** TiAl6V4

References: