

# EXTERNAL FIXATION FOR FOOT AND ANKLE

## MAXFRAME™ Multi-Axial Correction System



DEPUY SYNTHES IS WITH YOU—AND YOUR PATIENTS  
**EVERY STEP OF THE WAY**

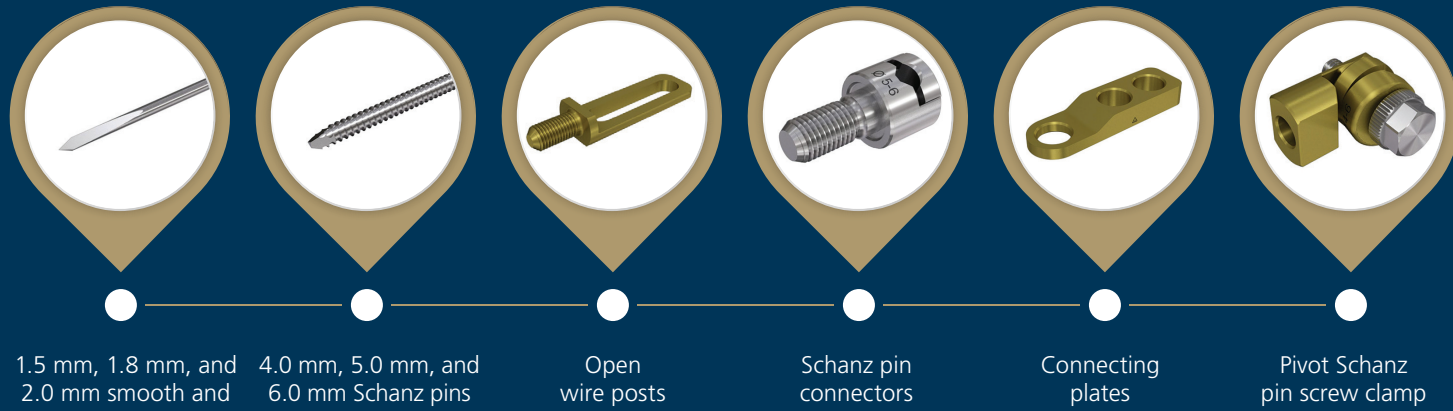
# MAXFRAME™ SYSTEM

Comprehensive system for both static and computer-assisted frame fixation.

The system provides the ability to customize frames specific to patient needs, from static frames through complex multi-planar corrections.

## FOCUS ON STRENGTH & STABILITY

PROVIDES A WIDE RANGE OF ASSEMBLY COMPONENTS, WITH THE OPPORTUNITY FOR OBLIQUE PIN PLACEMENT



1.5 mm, 1.8 mm, and 2.0 mm smooth and reduction wires

4.0 mm, 5.0 mm, and 6.0 mm Schanz pins (self drilling, spade point, HA coated)

Open wire posts

Schanz pin connectors

Connecting plates

Pivot Schanz pin screw clamp

Designed for simplified, accurate treatment of difficult foot and ankle deformities

Hardware supports static frame bone reduction and simplifies patient treatment plan adjustments if utilized in conjunction with software.



The MAXFRAME System 3D Software features Perspective Frame Matching (PFM) technology

### Principles of Perspective Frame Matching (PFM)



#### 1. UPLOAD X-RAYS

Upload just one set of post-operative anterior/posterior (AP) and medial/lateral (ML) x-rays



#### 2. PLAN ACCURATELY

Use point-and-click interface to generate mounting and deformity parameters



#### 3. GENERATE 3D TREATMENT PLAN

Software automatically generates 3D model and patient treatment plan

#### PFM Technology is designed to:

- Remove the need for orthogonal x-rays
- Remove the need for x-ray scaling
- Reduce overall radiation exposure

## THE MAXFRAME SYSTEM PROVIDES THE OPPORTUNITY TO TREAT DIFFICULT FOOT AND ANKLE DEFORMITIES

### MECHANICAL STRENGTH OF MAXFRAME SYSTEM VS THE SMITH & NEPHEW TAYLOR SPATIAL FRAME\*

	MAXFRAME™ System	Smith & Nephew Taylor Spatial Frame
Static compression (N)	+11%	-
Static torsion (Nm/Degree)	+7%	-
Static cantilever bend: AP (N/mm)	+12%	-
Static cantilever bend: LAT (N/mm)	+5%	-

\*Windchill document 0000275118, MAXFRAME Construct-Superiority, A.4



Miter Frame



Butt Frame

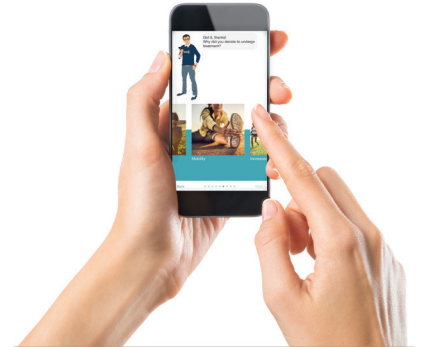


Charcot Frame

# THE MAXFRAME™ SYSTEM IS DESIGNED TO SUPPORT PATIENT OUTCOMES

## THE MAXFRAME™ PATIENT CARE PROGRAM: INTENDED TO LESSEN THE BURDEN OF TREATMENT

The MAXFRAME™ Patient Care Program, featuring “MAX,” provides information for patients to adequately prepare for surgery and post-operative recovery, as well as a resource for patients to support the guidance from their surgeon and his/her staff.



## ASSURE-STRUT™ TECHNOLOGY IS DESIGNED TO SIMPLIFY ADJUSTMENTS AND MAY IMPROVE COMPLIANCE WITH TREATMENT PLANS

### Quick adjust struts with ASSURE-STRUT Technology:

- Button mechanism locks strut into position, to prevent inadvertent movement
- Audible click every 1 mm of rotation
- One-handed strut adjustments
- No wrench required for patient adjustments
- Clearly visible length indicator

To learn more about the MAXFRAME™ Multi-Axial Correction System, contact your DePuy Synthes Sales Consultant or visit: [maxframesystem.com](http://maxframesystem.com)

#### INDICATIONS FOR USE

##### Intended Use

The DePuy Synthes MAXFRAME™ Multi-Axial Correction System is intended for external fixation of fractured long bones and bones of the foot, limb lengthening, and deformity correction in adult, children\* (3-12), and adolescent\* (12-21) patient populations. The DePuy Synthes MAXFRAME Multi-Axial Correction System utilizes software for assisting surgeons in treatment planning.

\*In which the growth plates have fused or will not be crossed.

##### Indications

The MAXFRAME System is indicated for the following treatments in adults and in both children (3-12) and adolescents (12-21) in which the growth plates have fused or will not be crossed with hardware:

- fracture fixation (open and closed)
- pseudoarthrosis of long bones
- limb lengthening (epiphyseal or metaphyseal distraction)
- joint arthrodesis
- infected fractures or non-unions
- correction of bony or soft tissue deformities
- correction of segmental defects

#### Contraindications

MAXFRAME System is not intended for use in the spine.

For further information on DePuy Synthes Trauma products, please contact your local DePuy Synthes Trauma Sales Consultant.

**All medical devices have associated risks. Please refer to the package insert and other labeling for a complete list of indications, contraindications, precautions, and warnings. For further information on DePuy Synthes Products, please contact your local DePuy Synthes Representative.**



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