


Explore the possibilities

 **smith&nephew**
TAYLOR SPATIAL
FRAME[◇]
External Fixator



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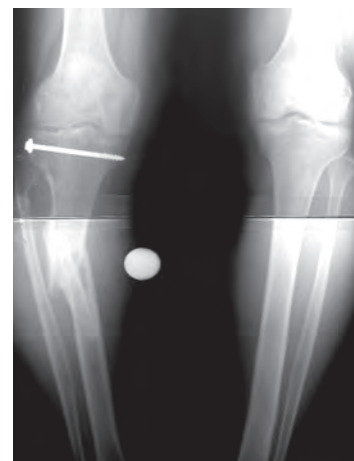
Do you have a single solution for treating complex fractures and deformities?



12 year-old with Blount's Disease



29 year-old with pilon fracture



36 year-old with mal-union

A

The TAYLOR SPATIAL FRAME provides a single solution for correcting your most challenging cases.

Three different patients....

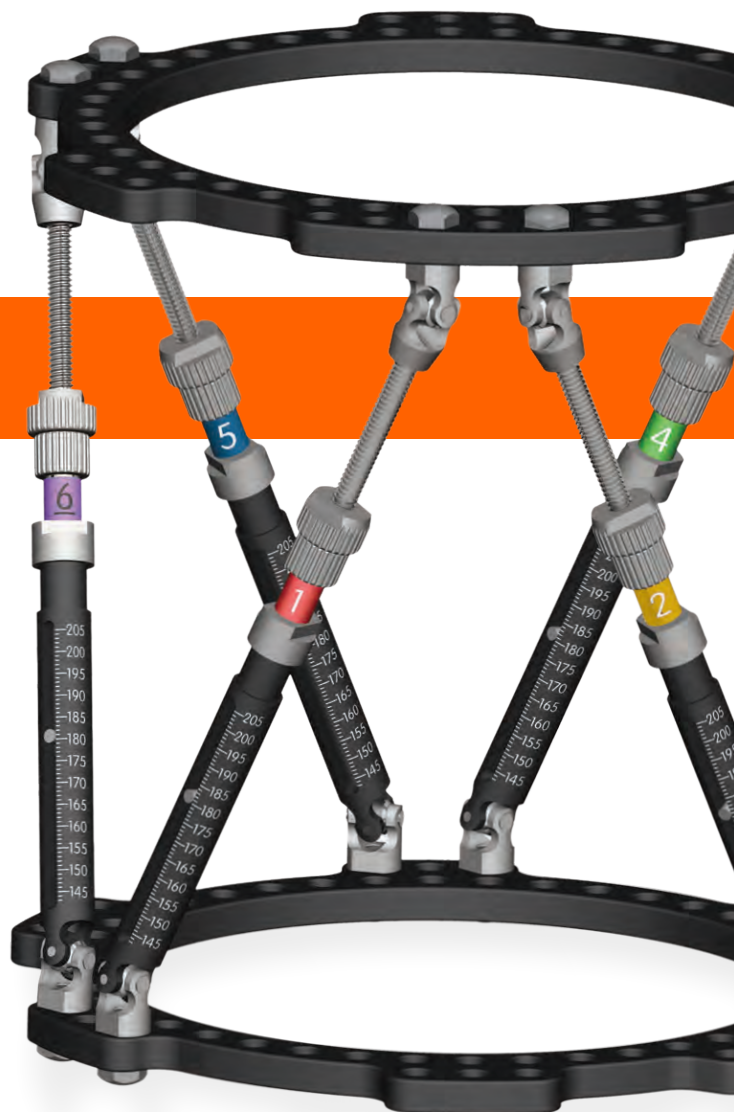
Three different problems....

One solution.....

Explore the possibilities

- A **dozen** patients get a TAYLOR SPATIAL FRAME External Fixator every day.
- TAYLOR SPATIAL FRAME has been featured in over **80** publications globally.
- Spatialframe.com gets **70** hits per day from **50** countries.

The numbers speak for themselves.





Explore control

As the world's most advanced, versatile and clinically proven circular fixator, the TAYLOR SPATIAL FRAME[®] system enables uncompromising stability, flexibility and precision in a single, staged procedure. Or, in a word, *control*.



Explore the benefits

- **Stability:** Circular construct allows near immediate weight bearing, accelerating fracture healing and increasing bone strength.²
- **Adjustability:** Unlike ORIF, the TAYLOR SPATIAL FRAME system allows for postoperative fracture reduction and alignment correction.¹
- **Versatility:** Using fixed angled pins in multiple planes offers optimized stability while minimizing soft tissue damage.¹
- **Simplify:** Web-based software makes planning and treatment easier for physicians and patients.³

TAYLOR SPATIAL FRAME[®] External Fixator

With streamlined instrumentation and innovative hardware, the TAYLOR SPATIAL FRAME system offers the maximum benefits of a circular fixator without the complexity.



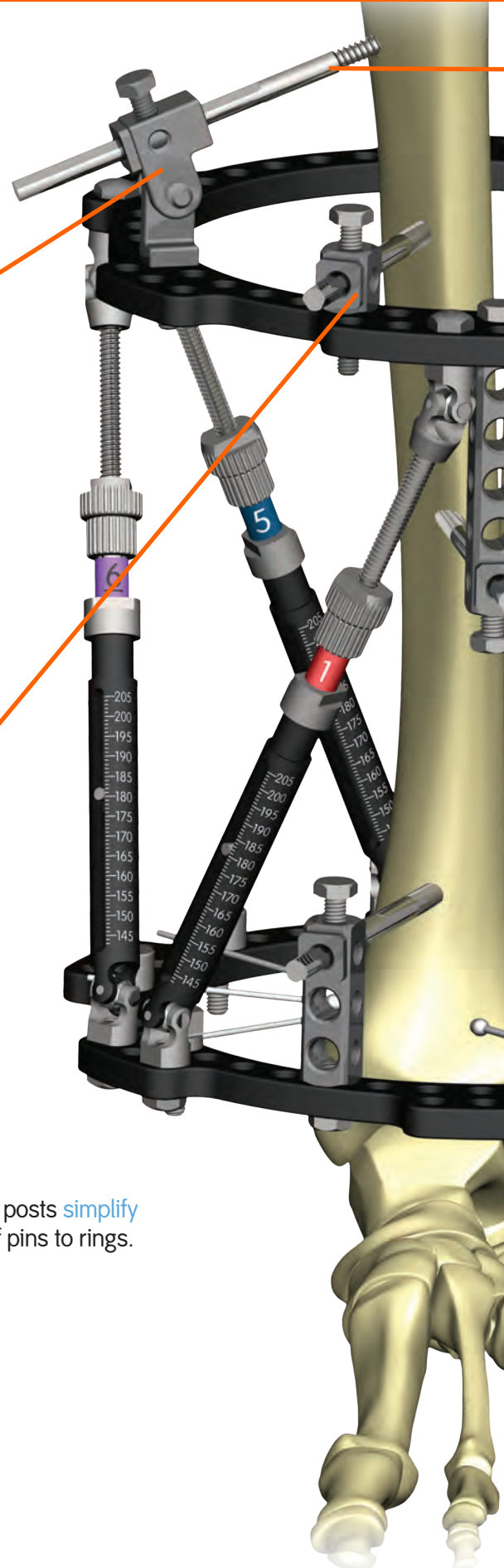
Angled pin connectors

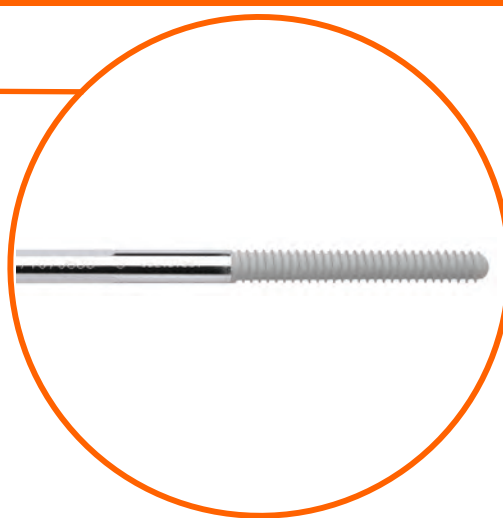
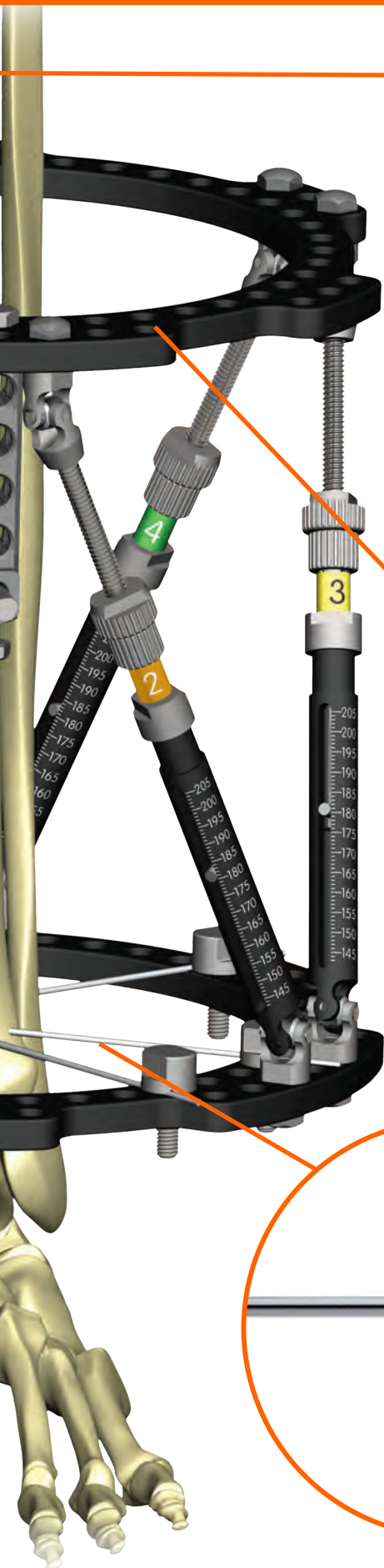
Angled pin connectors offer **versatility** in the presence of soft tissue challenges or anatomic limitations.



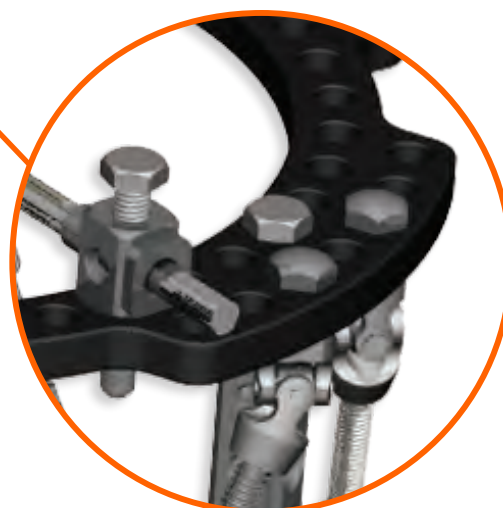
Rancho posts

Threaded rancho posts **simplify** the connection of pins to rings.





Half Pin
Half pins increase frame rigidity and can be inserted with a simple technique.



Circular frame
Circular frame constructs provide stability. A 7-hole Master Tab allows for **adjustability** of fixation components to customize the frame for each patient's needs.



Wires
Wires are minimally invasive and allow for stable fixation in small fragments. Drill tip wires reduce heat generation and chance of thermal necrosis.

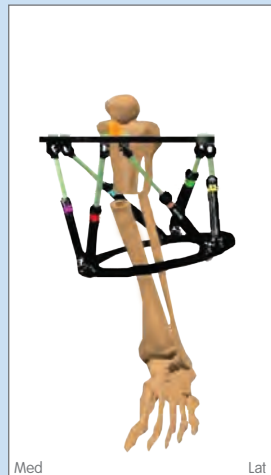
Explore www.spatialframe.com

An intuitive user interface makes navigating www.spatialframe.com easy. In just three simple steps, even the most challenging fractures or deformities can be corrected.

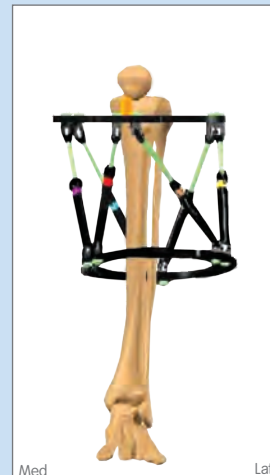
The screenshot displays the SPATIALFRAME.com web application interface. At the top, there are navigation tabs: 'Cases', 'Create New Case' (highlighted), 'Resources', and 'Account'. Below these are buttons for 'Save', 'Save As', and 'Close'. A progress bar shows six steps: '1. Case Info' (active), '2. Deformity', '3. Frame', '4. Mount', '5. Strut Settings', and '6. Du'. The main content area is divided into three sections. The first section, 'First, Enter Case Info:', includes fields for 'Case Name:', 'Date:', 'Case ID:', and a 'Case Notes:' text area. The second section, 'Next, Select Correction Area:', features a full-body skeleton view and a detailed view of the 'Left Tibia / Fibula, Proximal Diaphysis' with a 'Select Region:' dropdown menu. The third section, 'Then, Choose Operating Mode:', has radio buttons for 'Total Residual' and 'Chronic'. A 'Continue to Step 2' button with a green arrow is at the bottom right.



Step 1: Describe the shape of the bone.



Step 2: Tell the software how the frame is positioned on the bone.



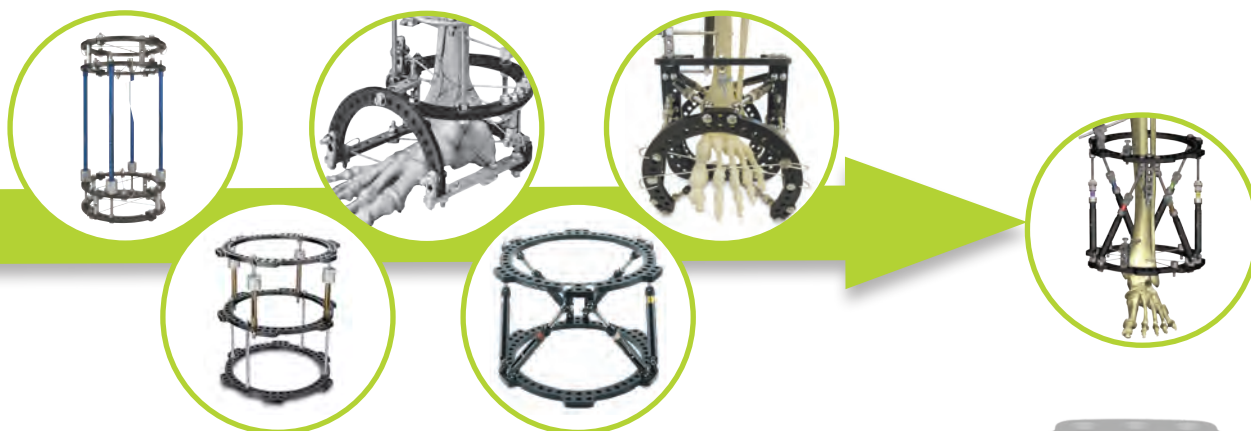
Step 3: Follow the daily prescription plan for gradual adjustment.

Experience TAYLOR SPATIAL FRAME[◇]

Smith & Nephew set the “gold standard” for circular frame devices almost 30 years ago with the ILIZAROV™ External Fixator.

We have shared the benefits of circular fixation with hundreds of surgeons and continue that tradition with the next generation circular fixator, the TAYLOR SPATIAL FRAME External Fixator.

Experience the benefits of circular fixation by signing up for one of our Essentials of External Fixation courses at www.orthomeetings.com.



References

1. The mechanics of external fixation. HSS J. 2007 Feb;3(1):13-29.
2. Fracture healing in rat femora as affected by functional weight-bearing. Sarmiento A, Schaeffer JF, Beckerman L, Latta LL, Enis JE. J. Bone Joint Surg Am. 1977 Apr;59(3):369-75
3. Does the Taylor Spatial Frame accurately correct tibial deformities? Clin Orthop Relat Res. 2010 May;468(5):1352-61. Epub 2009 Nov 13.

Orthopaedics

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