

THE TAYLOR SPATIAL FRAME

This external fixateur was designed by Dr Charles Taylor in the United States and uses the same principles as Ilizarov but it has greater flexibility in the correction of deformity because the six struts that can be adjusted to various lengths allow correction of multiple aspects of a deformity at the same time.

For example rotation angulation translation and length can all be corrected simultaneously.

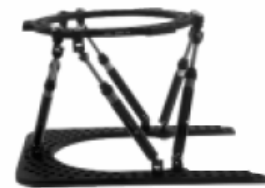
Accuracy of correction is also enhanced with the use of web based software to allow determination of the turning schedule and pre-operative planning.



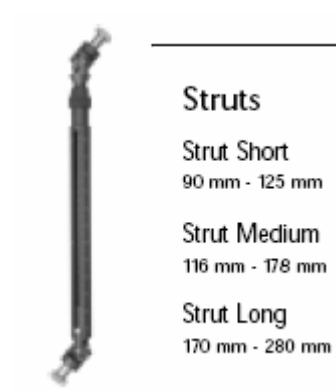
Standard Frame



Open Frame



Foot Frame



TAYLOR SPATIAL FRAME*



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NEW! The Taylor Spatial Frame Fixator VERSION 2.1™

The simple solution for treating acute fractures and complex deformities is finally within your reach. The Taylor Spatial Frame Fixator.

At the heart of the Taylor Spatial Frame System is an algorithm created to perform the calculations needed to accurately manipulate the Taylor Spatial Frame, a 6 degree-of-freedom external fixator. The algorithm, providing you with visual feedback, is available to you via this website to enable an efficient and successful correction... Getting it right the first time! The easy to use Web-based Application guides you through every step of the way.

SPATIAL NEWS

Version 2.1 is now available! Click on "What's New" to see the changes.

Please join us at our next Spatial Frame course February 20-22 in Breckenridge, Colorado. For course information, please call Bonnie Muse at 901-390-5202 or e-mail at bonnie.muse@smithnephew.com

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TBF Web Application Version 2.1.0
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TAYLOR SPATIAL FRAME*



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 File Case Info Define Deformity Select Frame Mount Frame Initial Frame Final Frame Structure at Risk Prescription Report

Reference Fragment: Case Name: GEA HTO Surgery 8/12/02


AP View Angulation (deg) <input type="text" value="23.0"/>	Lateral View Angulation (deg) <input type="text" value="10.0"/>	Axial View Angulation (deg) <input type="text" value="15.0"/>
<input type="radio"/> Valgus <input checked="" type="radio"/> Varus	<input type="radio"/> Apex Posterior <input checked="" type="radio"/> Apex Anterior	<input type="radio"/> External <input checked="" type="radio"/> Internal
AP View Translation (mm) <input type="text" value="20.0"/>	Lateral View Translation (mm) <input type="text" value="35.0"/>	Axial Translation (mm) <input type="text" value="25.0"/>
<input checked="" type="radio"/> Medial <input type="radio"/> Lateral	<input type="radio"/> Anterior <input checked="" type="radio"/> Posterior	<input checked="" type="radio"/> Short <input type="radio"/> Long



Clicking on graphic will enlarge ?

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File Case Info Define Deformity Select Frame Mount Frame Initial Frame Final Frame Structure at Risk Prescription Report

Specify: Neutral Frame Height (mm): or Neutral Strut Length (mm):

Initial Settings for Chronic Operative Mode Case Name: GEA HTD Surgery 8/12/02


Strut 1 (mm) (Red) 147	Strut 2 (mm) (Orange) 155	Strut 3 (mm) (Yellow) 85	Strut 4 (mm) (Green) 123	Strut 5 (mm) (Blue) 145	Strut 6 (mm) (Violet) 179
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Right AP View




Lateral Medial

Right Lateral View



Posterior Anterior

Right Axial View



Medial Lateral

Deformity Parameters

AP View Angulation: 23.0° Varus	Lateral View Angulation: 10.0° Apex Anterior	Axial View Angulation: 15.0° Internal
AP View Translation: 10.0 mm Medial	Lateral View Translation: 5.0 mm Posterior	Axial Translation: 5.0 mm Short

Mounting Parameters

AP View Frame Offset: 0.0 mm	Lateral View Frame Offset: 20.0 mm Posterior to Origin	Rotary Frame Angle: 0.0°
		Axial Frame Offset: 30.0 mm Proximal to Origin

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The Taylor Spatial frame is the next evolution of the Ilizarov method and uses the power of computers and the internet to facilitate preoperative planning and increase the accuracy of deformity correction.

Tim O'Carrigan