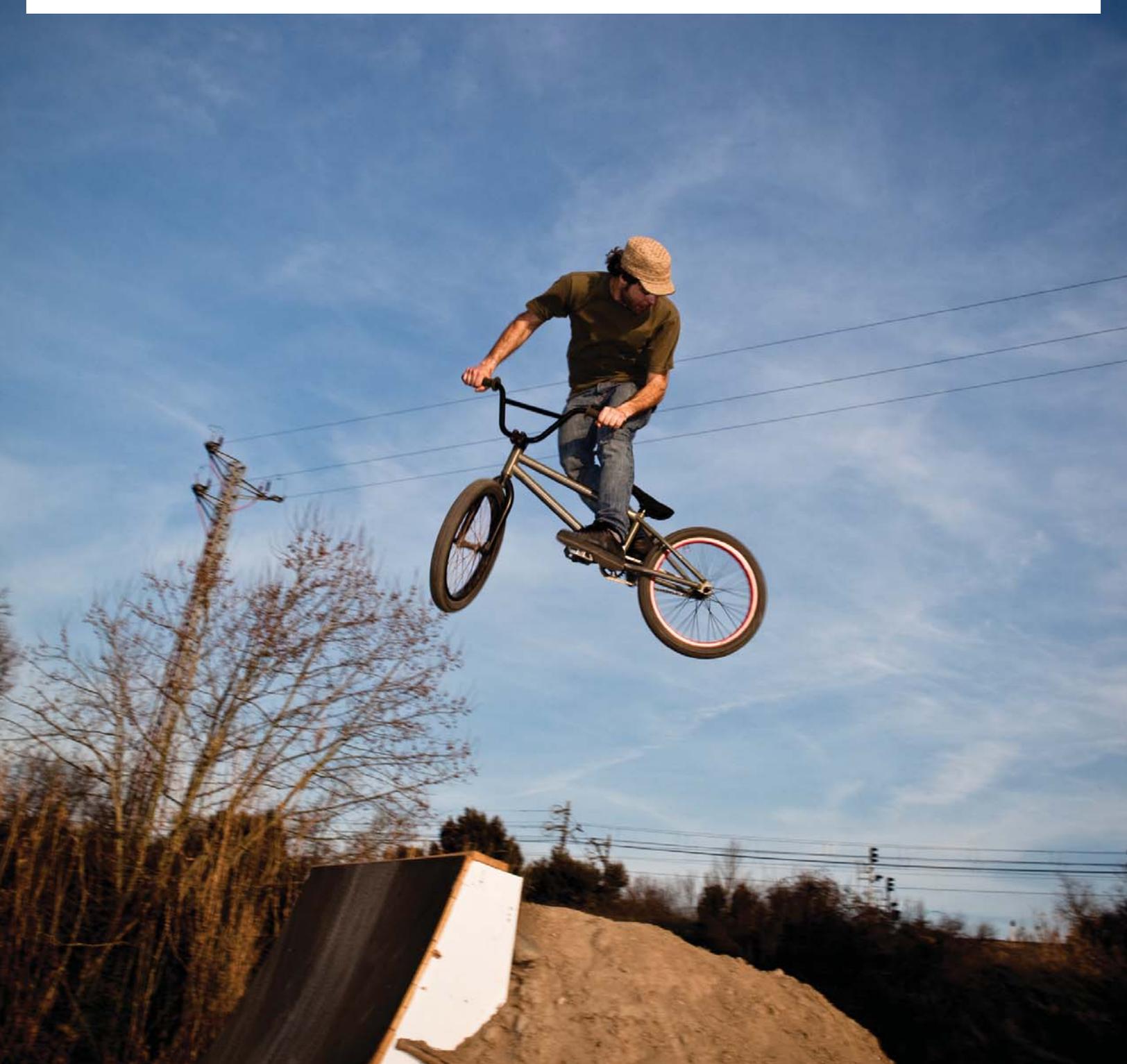


 **smith&nephew**
JET-X[®]
External Fixator

How do you define freedom?





Have you experienced frustration with **clamps disengaging** during reduction?

How does an **open fracture dictate your pin placement** when using a bar fixator?

Have you been forced to spend extra time **tightening and loosening** clamps **multiple times** during a procedure?



Find your **freedom**:

JET-X[◇] External Fixation System

Freedom of a simple fracture reduction

Freedom to safeguard soft tissue

Freedom of a straightforward procedure

Freedom of a simple fracture reduction

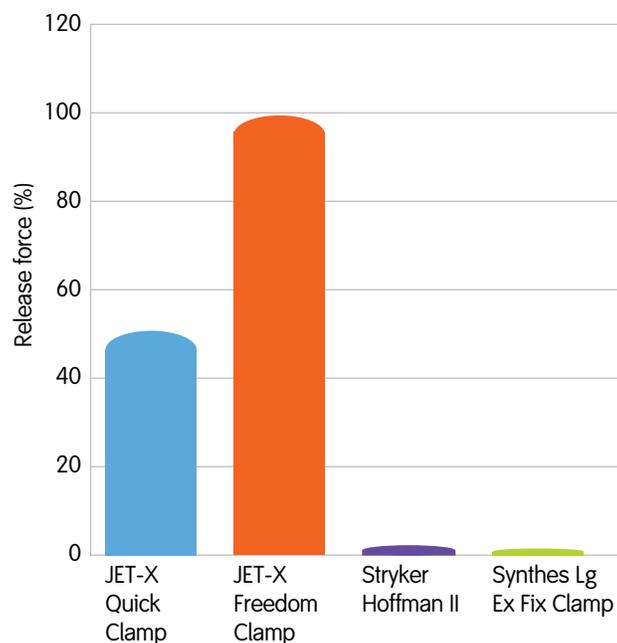
Reduce pop-off concerns

Your solution has become 175x easier. The JET-X^o External Fixation System Bar is **175 times more likely to stay in its clamp** while you are reducing a fracture, when compared to common clam-shell designs. Your days (and nights) of tightening/loosening/retightening are over.¹

175x
easier



Comparison of force required to lever a bar out of unlocked (but closed) clamps¹



Reduction tool

You have the freedom to **use the frame to manipulate the fracture before final tightening**. The integrity of the cartridge mechanism allows the pin or bar to be captured in the clamp. The clamp, in turn, remains free to rotate and angulate. This allows the frame to perform double duty as a fixation device and as a reduction tool.



Freedom to safeguard soft tissue

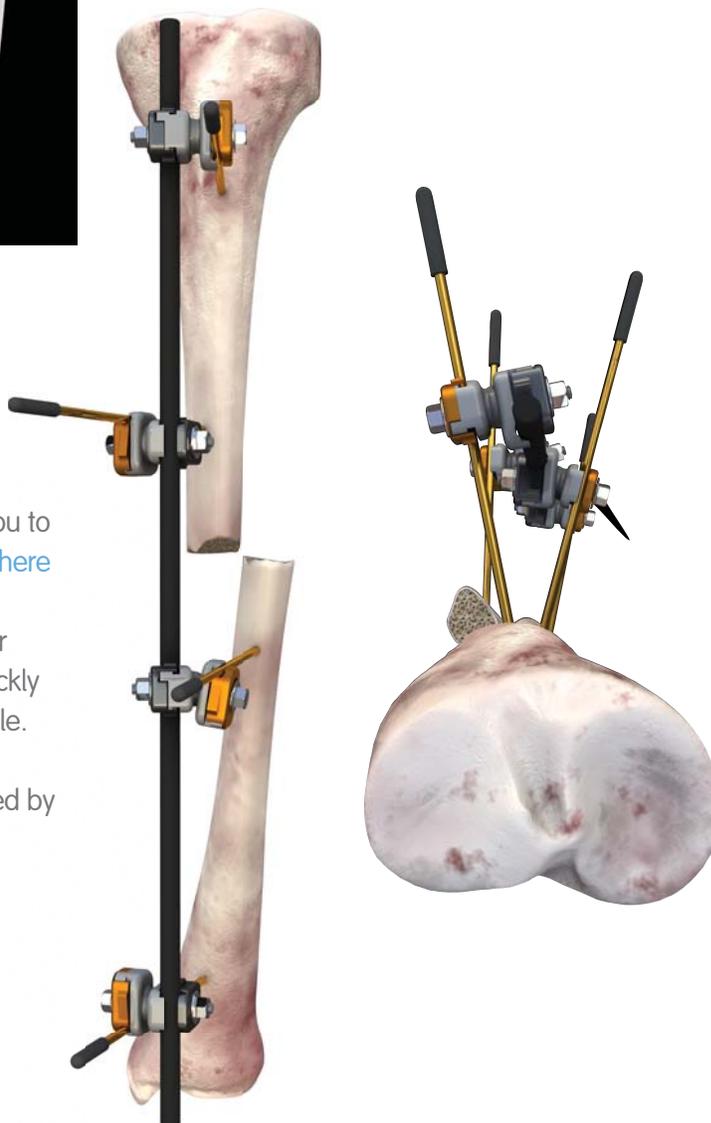


Not all fractures are the same

While there are instances where definitive care is effective, if you definitively treat a patient too early, then you increase the risk of that treatment failing. Early temporary stabilization with external fixation provides soft tissue safeguarding, and can lead to better treatment results.^{2,3}

Pin placement

The JET-X[®] External Fixation System enables you to place pins where the injury dictates and not where the fixator dictates. JET-X Quick and Freedom clamps easily allow for uniplanar or multiplanar configurations – giving you the freedom to quickly construct the safest, most stable frame possible. Pins in multiple planes not only provide more stability, they allow pin placement to be dictated by the soft tissue envelope.



Freedom of a straightforward procedure

Multi-pin Clamps allow for various pin spread options with three post attachments

Freedom Clamps improve frame stability by allowing fracture reduction in multiple planes (50° of total angulation)

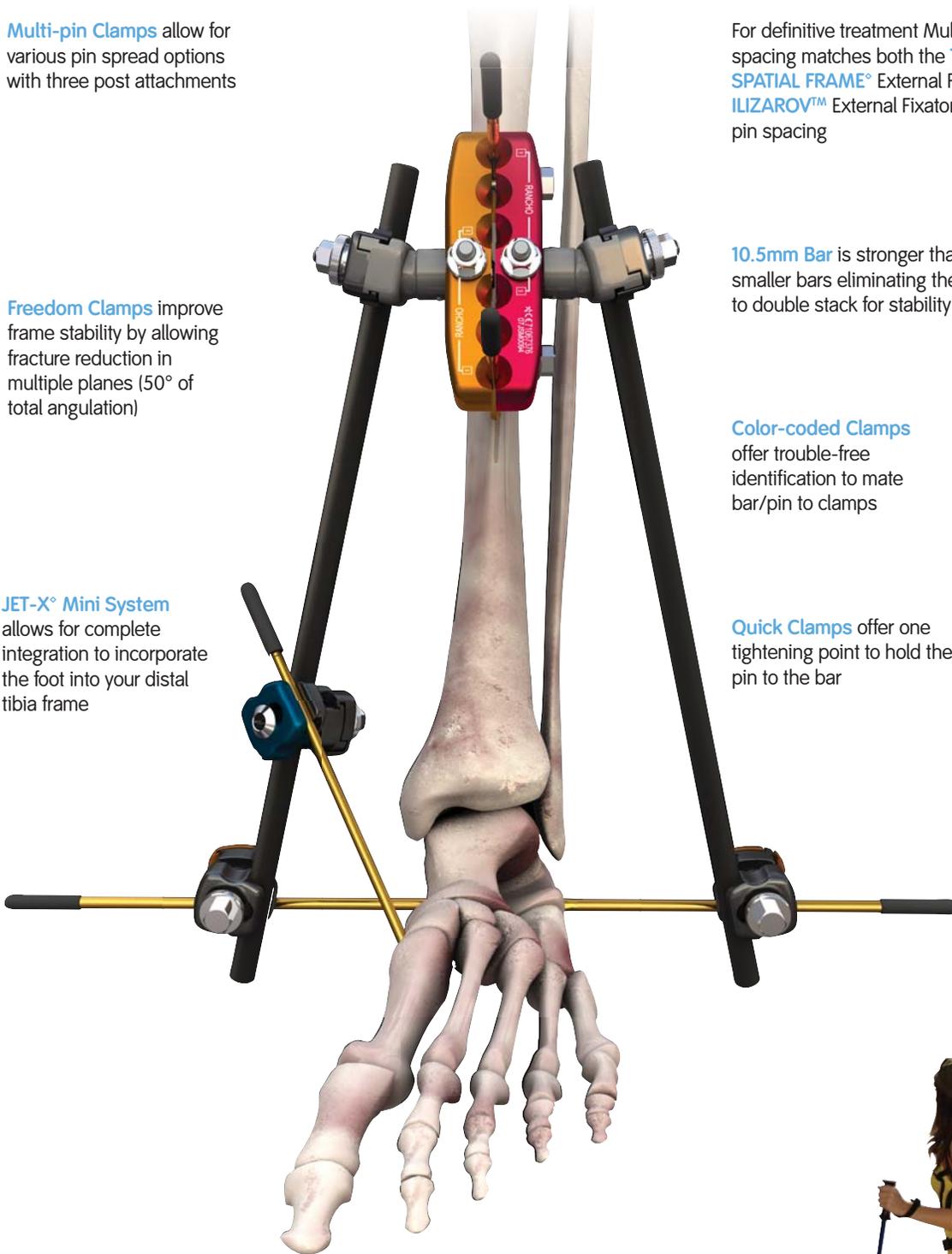
JET-X® Mini System allows for complete integration to incorporate the foot into your distal tibia frame

For definitive treatment Multi-pin Clamp spacing matches both the **TAYLOR SPATIAL FRAME®** External Fixator and **ILIZAROV™** External Fixator System pin spacing

10.5mm Bar is stronger than smaller bars eliminating the need to double stack for stability

Color-coded Clamps offer trouble-free identification to mate bar/pin to clamps

Quick Clamps offer one tightening point to hold the pin to the bar



Freedom for your patients
to return to a normal lifestyle



think.
again
Find your freedom.

References

1. Soileau, R., Treadway, J. "OR-08-133 – Evaluation of the Release Force Required to Lever External Fixation Bars or Pins out of Locked or Unlocked Holding Clamps," Smith & Nephew Orthopaedic Research Report, August 2008.
2. Watson JT, Moed BR, Karges DE, Cramer KE. Pilon Fractures. Treatment Protocol Based on Severity of Soft Tissue Injury. *Clin Orthop Relat Res.* 2000 Jun; (375):78-90.
3. Fischer MD, Gustilo RB, Varecka TF. The Timing of Flap Coverage, Bone-grafting, and Intramedullary Nailing in Patients who have a fracture of the Tibial Shaft with Extensive Soft-tissue Injury. *J Bone Joint Surg Am.* 1991 Oct; 73(9):1316-22.

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