

- Significant & reputable clinical evidence for LIPUS

LEVEL OF EVIDENCE	AUTHOR	STUDY DESIGN	FRACTURE	RESULTS
Level 1	Heckman J et al	Prospective, Randomized, Double-Blind, Placebo-Controlled, Multi-Center N=67	Closed or grade 1 open tibia fractures	<ul style="list-style-type: none"> <li>• 38% Faster Time to Healed Fracture (Active - 96 days; Placebo 154 days (P&lt;0.0001))</li> <li>• 25% Faster Clinical Healing (P&lt;0.01)</li> <li>• 22% Less Cast Time (P&lt;0.008)</li> <li>• 41% Reduction in Healing time in Smokers</li> </ul>
Level 1	Kristiansen T et al, 1997	Prospective, Randomized, Double-Blind, Placebo-Controlled, Multi-Center N=61	Distal Radius fractures	<ul style="list-style-type: none"> <li>• 38% Faster Time to Healed Fracture (Active - 61 days; Placebo - 98 days (P&lt;0.0001))</li> <li>• Reduced Loss of Fracture Alignment (Active - 20%; Placebo - 43%)</li> <li>• 51% Reduction in Healing time in Smokers</li> </ul>
	Gebauer et al, 2005	Self paired control study N=67	Healing of non unions	<ul style="list-style-type: none"> <li>• 85% heal rate</li> <li>• Achieved similar healing rates to surgery without associated risks and complications</li> </ul>
	Mayr et al, 2002	Self paired control study N=100	Healing rates for delayed unions and nonunions	<ul style="list-style-type: none"> <li>• 86% heal rate</li> </ul>