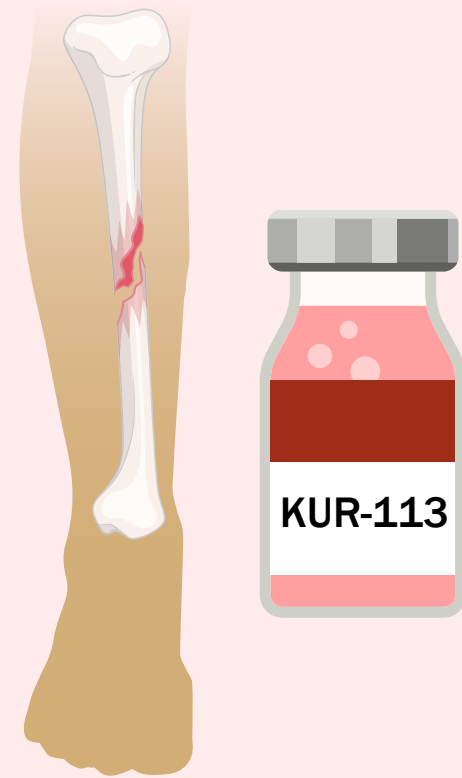
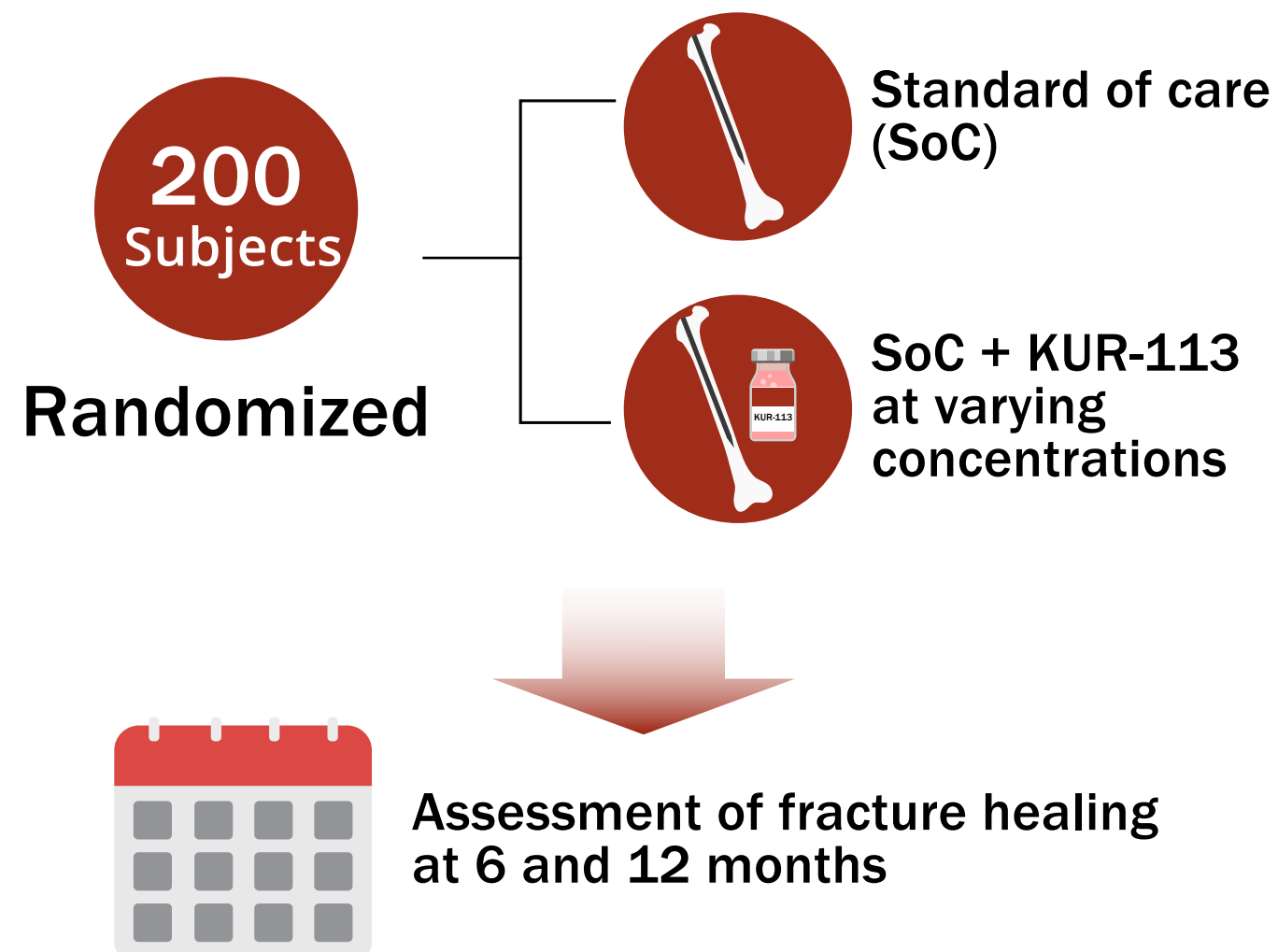


Parathyroid Hormone-based Bone Graft for Treating Tibial Shaft Fractures (TSFs)

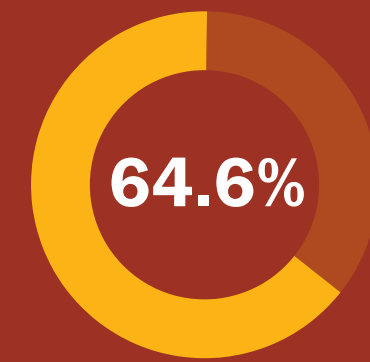
Administration of parathyroid hormone (PTH) is known to promote bone healing



A phase II study has evaluated the safety and efficacy of PTH-based bone graft (KUR-113) in the treatment of open TSFs

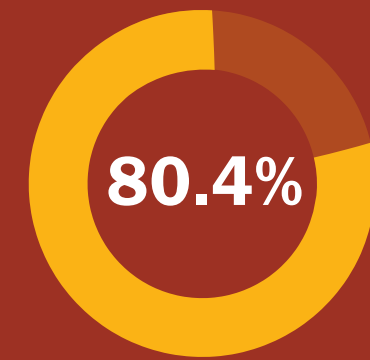


Proportion of subjects with fracture healing



64.6%

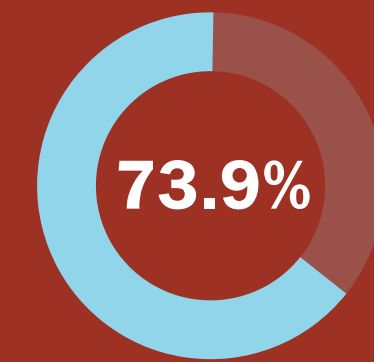
SoC



80.4%

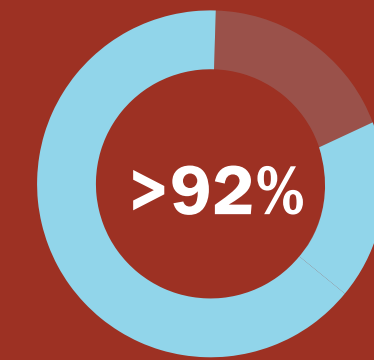
SoC +
KUR-113

At 6 months



73.9%

SoC

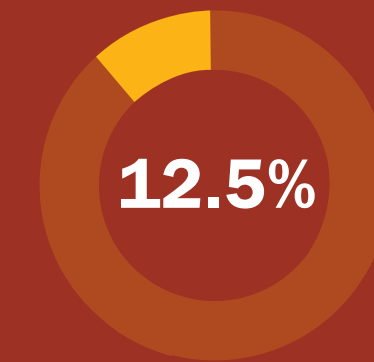


>92%

SoC +
KUR-113

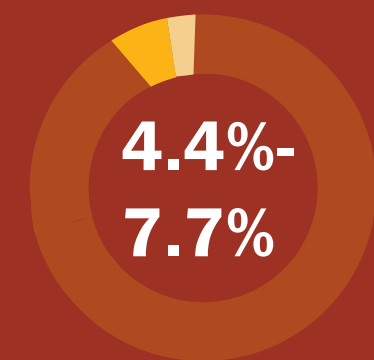
At 12 months

Proportion of subjects requiring secondary surgical interventions



12.5%

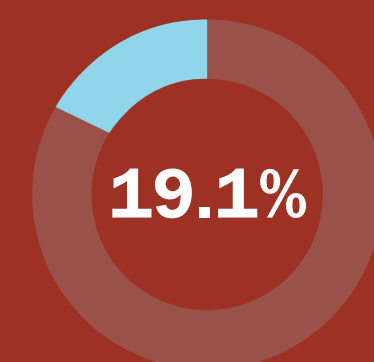
SoC



4.4%-
7.7%

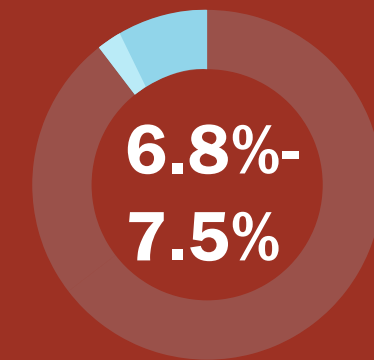
SoC+
KUR-113

At 6 months



19.1%

SoC

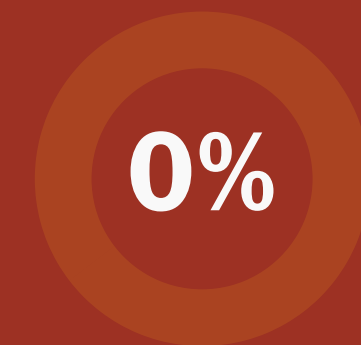


6.8%-
7.5%

SoC+
KUR-113

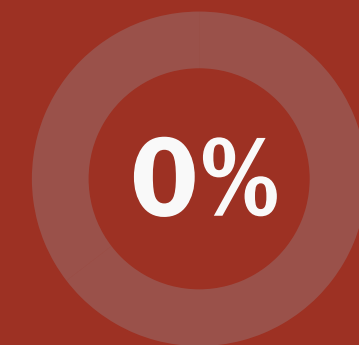
At 12 months

Rate of complications in all treatment groups



0%

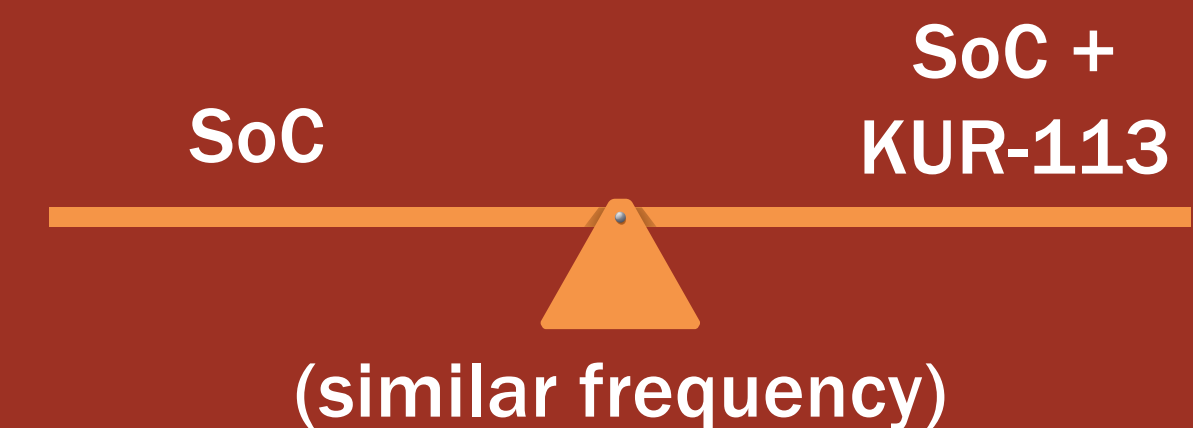
Ectopic bone
formation



0%

Abnormal bone
resorption

Frequency of adverse effects



KUR-113 has the potential to be a good adjunctive therapy in the treatment of open TSFs

Novel Parathyroid Hormone-Based Bone Graft, KUR-113, in Treatment of Acute Open Tibial Shaft Fracture

Orbeanu et al. (2022) | DOI: 10.2106/JBJS.20.02109

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