

PRECLINICAL VALIDATION

FROM CONCEPT TO DEMONSTRATED CROSSING CAPABILITY

Comprehensive preclinical testing has demonstrated that our active guidewire consistently achieves successful crossing of challenging vascular occlusions in ex-vivo and in-vivo models.



EX-VIVO BENCH TESTING

Comparative ex-vivo testing demonstrated superior crossing performance versus conventional CTO guidewires.



IN-VIVO ANIMAL MODEL

In-vivo testing subsequently confirmed successful crossing of challenging chronic vascular occlusions in a preclinical model.



VALIDATED ACTIVE CROSSING

Consistent ability to cross resistant lesions and re-enter true lumen successfully demonstrated.



BEYOND PROOF OF CONCEPT

Our preclinical program provides robust evidence of the guidewire's active capability, superior crossing performance and potential to transform the treatment of complex occlusions.

STRONG PRECLINICAL VALIDATION.
CLEAR PATH TOWARD CLINICAL TRANSLATION.



ACTIVE

Designed to assist its own progression



CONTROLLED

Provides consistent and reliable performance



SAFE

Built with safety in mind



VERSATILE

Potential across multiple vascular territories



PROPRIETARY TECHNOLOGY