

# ClearMargin

## A New Treatment for Vessel Involving Tumors

Session title - The Device is No Longer a Device: Convergence in Medical Technology

### Objective

Resection of tumors involving major vasculature is often limited by the risk of vessel injury. We introduce a novel ablation system designed to create a Clear Margin by safely separating the tumor from adjacent blood vessels.

### Methods

A proprietary ablation platform was tested in an in-vivo model. The system delivered localized energy to the vessel-parenchyma interface. Safety and efficacy were assessed through serial imaging and histopathological analysis to monitor tissue response and vascular integrity.

### Results

Technical success was 100%. Analysis confirmed the creation of a precise ablation zone in the target tissue while the blood vessels remained structurally and functionally intact. The treatment successfully established a significant separation between the vessel and the treated area.