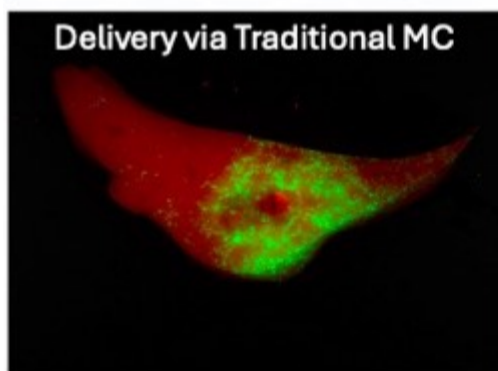
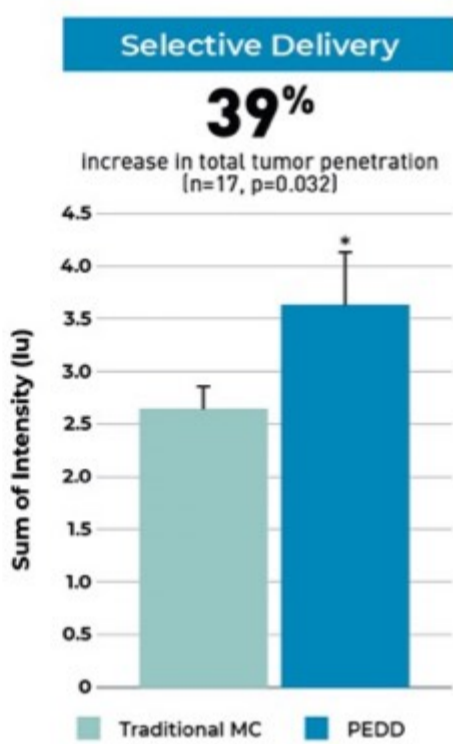
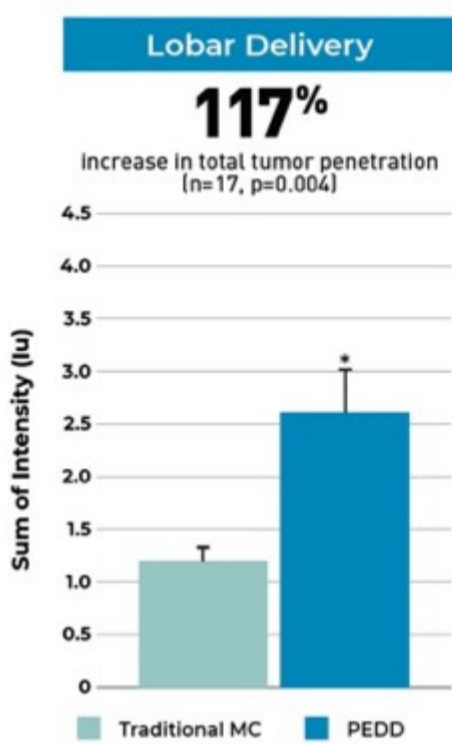


TriNav Increases Glass Microsphere Delivery vs. Traditional Microcatheters

Sparing healthy liver tissue while delivering an effective dose to targeted tumor(s) is an important goal of locoregional therapy. This is especially critical for your complex patients, such as those with extensive multi-focal disease where selective treatment is not an option.

A recently published preclinical study using a transgenic oncogenic model demonstrated that the TriNav Infusion System significantly improved the penetration of glass microspheres into the tumor in both lobar and selective delivery when compared to a traditional microcatheter.¹ It also showed that lobar delivery using TriNav was statistically equivalent to selective delivery using a traditional microcatheter when comparing total tumor penetration ($p=0.497$).



This study further reinforces that the TriNav's Pressure-Enabled Drug Delivery™ (PEDD™) approach increases therapeutic delivery to the tumor,² while simultaneously decreasing non-target delivery.^{1,3}

[Click Here to Learn More About the Study](#)

Indications For Use

The TriNav Infusion System is intended for use in angiographic procedures. It delivers radiopaque media and therapeutic agents to selected sites in the peripheral vascular system.⁴

Contraindications

TriNav is not intended for use in the vasculature of the central nervous system (including the neurovasculature) or central circulatory system (including the coronary vasculature).

Rx Only. For the safe and proper use of the TriNav Infusion System, refer to the Instructions for Use.

References

- Jaroch DB, Liu Y, Kim AY, Katz SC, Cox BF, Hullinger TG, Intra-arterial Pressure Enabled Drug Delivery Significantly Increases Penetration of Glass Microspheres in a Porcine Liver Tumor Model, *Journal of Vascular and Interventional Radiology* (2024), doi: <https://doi.org/10.1016/j.jvir.2024.06.030>.
- Titano, J. J. et al. End-hole Versus Microvalve Infusion Catheters in Patients Undergoing Drug-Eluting Microspheres-TACE for Solitary Hepatocellular Carcinoma Tumors: A Retrospective Analysis. *Cardiovasc. Intervent. Radiol.* 42, 560-568 (2019).
- Pasciak, A. S., McElmurray, J. H., Bourgeois, A. C., Heidel, R. E. & Bradley, Y. C. The impact of an antireflux catheter on target volume particulate distribution in liver-directed embolotherapy: a pilot study. *J. Vasc. Interv. Radiol.* JVIR 26, 660-669 (2015).
- TriSalus™ TriNav® Infusion System, Instructions for Use