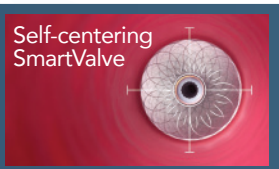
The TriNav® and TriNav®LV Infusion Systems help to precisely target the tumor and facilitate deeper therapy penetration while protecting against non-target emolization and reflux.

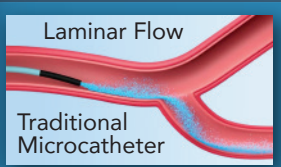
Self-Centers

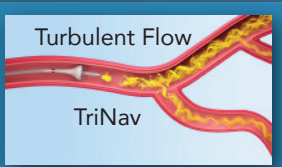
The TriNav® SmartValve® self centers the catheter tip to promote consistent and repeatable particle distribution[1]



Creates Turbulent Flow

The SmartValve creates turbulent flow which promotes particle mixing, and leads to improved therapy delivery[1]





Modulates Pressure

TriNav helps open vessels collapsed by high intratumoral pressure to enable better perfusion and deeper therapy penetration[2]

For Illustrative Purposes

Multiple studies accross different therapy types agree that TriNav's Pressure-Enabled Drug Delivery™ (PEDD™) approach helps improve particle delivery

T

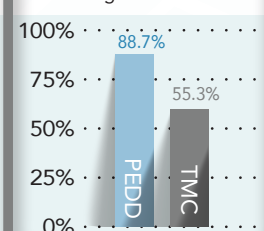
More precise tumor targeting

Clinical Evidence

Drives more therapy into the tumor for improved penetration and response (n=23, p=0.002)[1]

89% vs 55%

Percentage beads in tumor



Pre-Clinical Evidence

117%

Increase in glass microspheres (GM) penetration in **lobar** infusions (n=17, p=0.004)

39%

Increase in glass microspheres (GM) penetration for **selective** infusions (n=17, p=0.032)

Total GM fluorescent intensity within tumor vs. traditional microcatheter[2]

TMC = Traditional Microcatheter

N

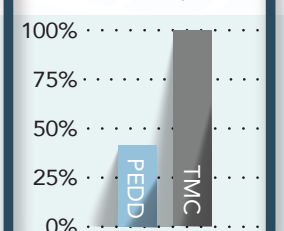
Protection against non-target delivery

Clinical Evidence

Helps protect against non-target delivery

58%

Decrease in non-target embolization (n=9; p<0.05)[3]



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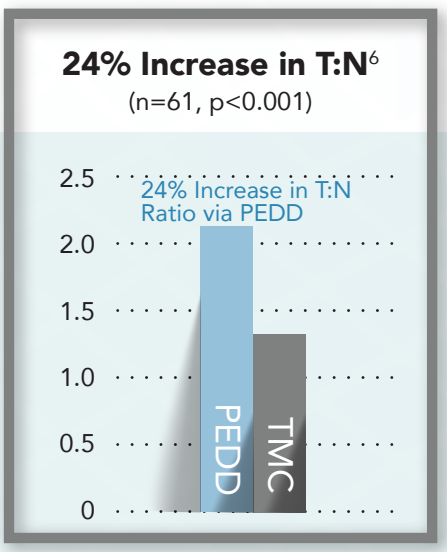
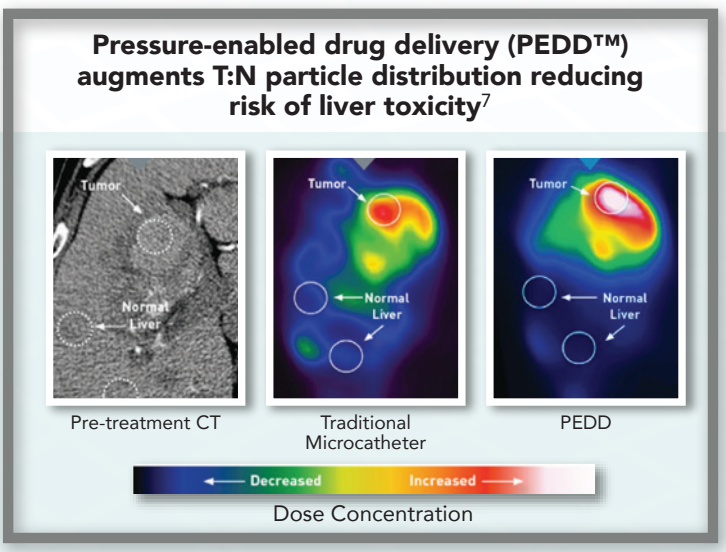
The TriNav® Infusion Systems help to increase the T:N ratio by precisely targeting the tumor while protecting against non-target embolization.[3,5,6]



TMC = Traditional Microcatheter



RX Only

For the safe and proper use of the TriNav and the TriNav Infusion Systems refer to their individual Instructions for Use.[7,8]

Indications For Use

The TriNav and TriNav LV infusion systems are intended for use in angiographic procedures. They deliver radiopaque media and therapeutic agents to selected sites in the peripheral vascular system.[7,8]

Contraindications

TriNav and TriNav LV Infusion Systems are not indicated for use in the vasculature of the central nervous system (including the neurovasculature) or central circulatory system (including the coronary vasculature).[7,8]

1. van den Hoven AF, Lam M, Jernigan S, van den BBosch M, Buckner G D. Innovation in catheter design for intra-arterial;
2. Data on File. TriSalus Life Sciences Simulated tumor benchtop model. REP-0362 R01.(2021);
3. Titano, J. J. et al. End-hole Versus Microvalve Infusion Catheters in Patients Undergoing Drug-Eluting Microspeheres-TACE for Solitary Hepatocellular Carcinoma Tumors: A Retrospective Analysis. Cardiovasc Intervent Radiol 42, 560-568 (2019);
4. Jaroch DB, et al. Intra-arterial Pressure Enabled Drug Delivery Significantly Increases Penetration of Glass Microspheres in a Porcine Liver Tumor Model J Vasc Interv Radiol. 2024 Jul 3:S1051-0443(24)00443-3. doi: 10.1016/j.jvir.2024.06.030.
5. Pasciak AS, McElmurray JH, Bourgeois AC, Heidel RE, Bradley YC. The impact of an antireflux catheter on target volume particulate distribution in liver-directed embolotherapy: a pilot study J Vasc Interv Radiol. 2015; 26(5):660-669.doi: 10.1016/j.jviv. 2015.01.029;
6. d' Abadie P, et al. Antireflux catheter improves tumor targeting in liver radioembolization with resin microspheres. Diagn Interv Radiol 2021; 27:768-773;
7. TriSalus™ TriNav® Infusion System Instructions for Use
8. TriSalus™ TriNav® LV Infusion System Instructions for Use

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