

PULSE*SPRAY®/PRO™ Infusion Catheter TECHNICAL DESIGN

**Even Fluid Distribution
(BENCH TEST RESULTS)**

Even distribution of a solution has been demonstrated in the following bench study:

A side hole catheter and a PRO™ Infusion Catheter are placed in identical tri-viscosity gel models. These models use a high viscosity gel on the lower level, a medium viscosity in the middle, and water in the top segment to simulate an intra-clot or intra-occlusion infusion. 10 ml of red dye is infused through both catheters into the gel models at equal flow rates. The side hole catheter shows almost all the dye exiting at the most proximal holes where the holes are positioned in the least viscous material. The PRO™ Infusion Catheter with slits shows distribution of the dye throughout all three viscosity segments.

