HSO-Port™ System

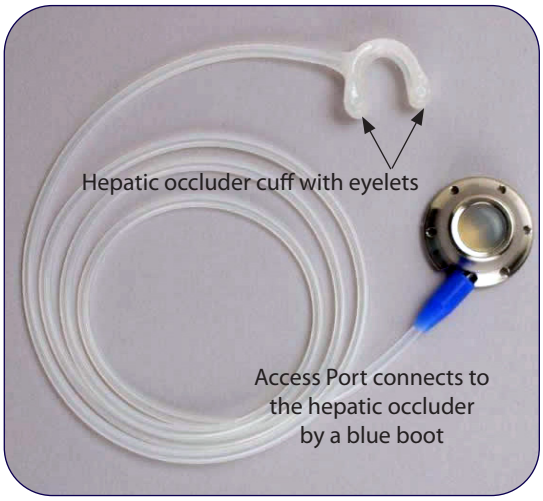
the hepatic occluder for portosystemic shunts

The Hepatic Shunt Occluder Port System is designed to produce gradual and complete occlusion of Congenital Portosystemic Shunts (IHPSS) that is percutaneously controlled through an access port. The occlusion is easily reversed if postoperative portal hypertension occurs.

The HSO-Port System consists of an inflatable silicone cuff that is placed around the vessel and the ring closed by placing sutures through the holes molded at each end of the cuff. Inflation of the occluder is controlled percutaneously through injections of fluid into the subcutaneous injection port that is attached to the occluder by the actuating tubing.

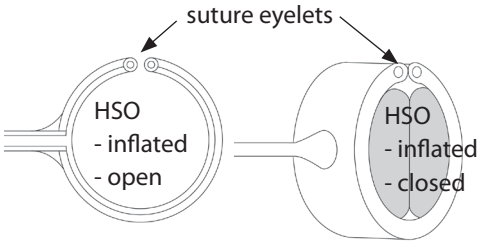
Occlusion is not mediated by inflammation, but by physical compression of the vessel. The degree of occlusion may be incrementally controlled percutaneously over time by a biocompatible solution of sufficient density.

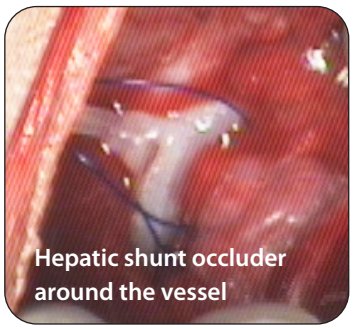
A solution for controlled, gradual and complete venous occlusion of portosystemic shunts

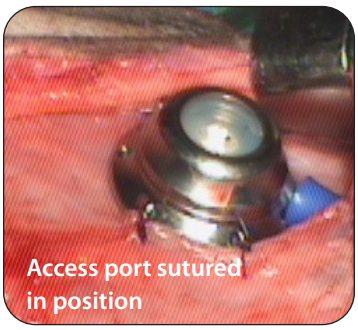


HSO-Port *Components....customize your choice*

1. Select the appropriate access port size - 2 sizes are available:
   - AP202-9NC - Le Port - for cats and smaller dogs
   - AP305-9NC - Le Grande - for larger dogs
2. Select the appropriate HSO lumen diameter: 6, 8, 10, 12
   - HSO occluders have a cuff width of 7mm
   - HSO occluders have suture eyelets







A Solution for the Management of Portosystemic Shunts

Cat. No.	Product Name	Kit Contents
AP202-HSO	Le Port-HSO	1 x Le Port titanium vascular access port 1 x Hepatic Shunt occluder catheter (see above for size details) 2 x 22 gauge PosiGrip Huber point needles - PG22-75 1 x 22 gauge Huber point infusion set - RA22-75-6 Surgical Suggestions & Instructions for Use
BFC - Back Fill Catheter, an optional extra		
AP305-HSO	Le Grande-HSO	1 x Le Grande titanium vascular access port 1 x Hepatic Shunt occluder catheter (see above for size details) 2 x 22 gauge PosiGrip Huber point needles - PG22-75 1 x 22 gauge Huber point infusion set - RA22-75-6 Surgical Suggestions & Instructions for Use
BFC - Back Fill Catheter		