

Rounded Tip Catheter

Harlan, in collaboration with Access Technologies and Tracy H. Vemulapalli, DVM, MS Postdoctoral Fellow, Laboratory Animal Medicine Department of Pathobiology Purdue University, have completed a study using Hsd:Sprague Dawley® SD® rats to evaluate recommendations for improved patency and biocompatibility in catheterized animals. This study, presented at the 2007 National AALAS Meeting, provides statistical patency benefit to rounded-tip jugular vein catheters^(2,6,9,10) and heparin locking solutions^(5,8,9,10). From these results, and support in literature involving clinical work, Harlan has made available the Harlan Rounded Tip Catheter for vascular access in catheterized rats.

Benefits

- Increased long term patency, with a flushing interval of 5–7 days
- Reduced maintenance requirements
- No additional cost for both tip configurations

Mean Catheter Patency in Jugular Vein, Duration by Tip Configuration

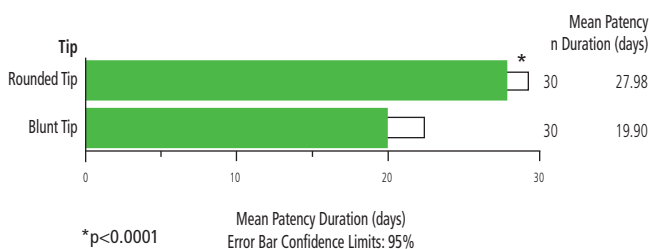


Fig. The relationship between rounded tip and blunt tip catheter configurations on Hsd:Sprague Dawley® SD® rats with both 500IU Heparin and Tauridine Citrate locking solutions. Catheter maintenance was completed at seven day intervals for the length of the study.

Surgical Units

Harlan is expanding our surgical teams and currently operate four rodent surgical units housed within our maximum security production barriers. These units are located in: Indiana, Virginia, Wisconsin, and California

The units are geographically separated in order to reduce transit time after surgery. Surgically modified animals are shipped to clients using Harlan environmentally controlled vehicles.

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