

Negus Aspirating Dissector

- ✓ Improved suction flow at the blade tip giving better visibility
- ✓ Less prone to blockage and subsequent Theatre delays

Following customer requests for improved suction flow, DTR Medical has carried out research to determine whether increasing the hole size, and its proximity to the blade tip, could improve the device's performance.

Improved Suction Flow of 20%

Using C.F.D (Computational Fluid Dynamics) with expertise of a leading university(1), improvements were made to the predicted flow of fluids by enlarging the hole size from 1.5mm to 2.25mm.

Flow radiates from the rear of the hole along the internal tubing of the dissector.

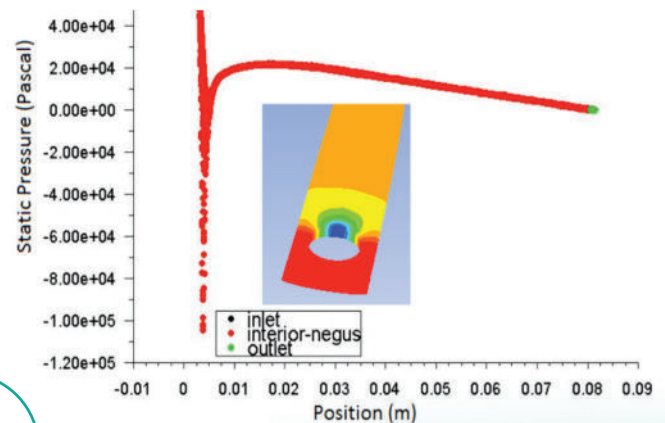
Hole Nearer Tip

The front edge of the hole is 0.75mm closer to the blade tip. This allows blood to pool into the hole facilitating prompt removal.

Extensive mathematical modelling proves the structural integrity of the device is maintained with the larger "optimum" hole.

Rear Aperture Enlargement

The enlarged hole increases the rear aperture size, offering less resistance and is less prone to blockage.



BEFORE & AFTER



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PRODUCT CODE **NDS0501**



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