

MP40-16 Volume Measurement on the AMS 800™ Peri-bulbar Occlusive Cuff after Pressurization with the Pressure-regulating Balloon: a Prospective Single Center Study.

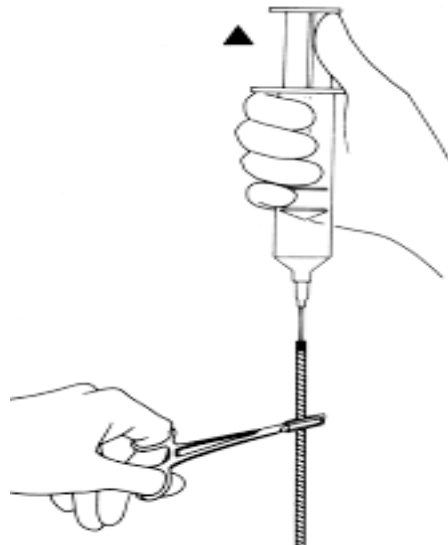
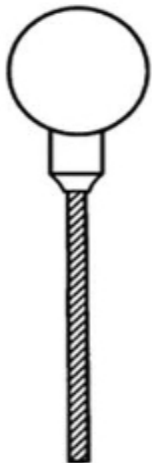
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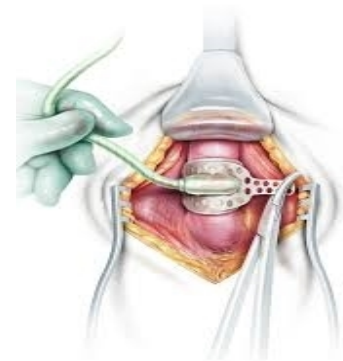
Objectives

AMS 800 peri-bulbar OC
volume measurement after
PRB pressurization at
implantation



Methods

- Prospective single-center study
- 2016-2018
- Intra operative OC volume measurement
- 5ml Luerlock syringe
- 15-G blunt needle



Results

- 67 male cuffs
- 61-70 cmH₂O PRB
- OC volumes: 0.05 - 1cc
- Median volume: 0.30 cc (+/-SD=0.19)
- Mean volume: 0.34 cc

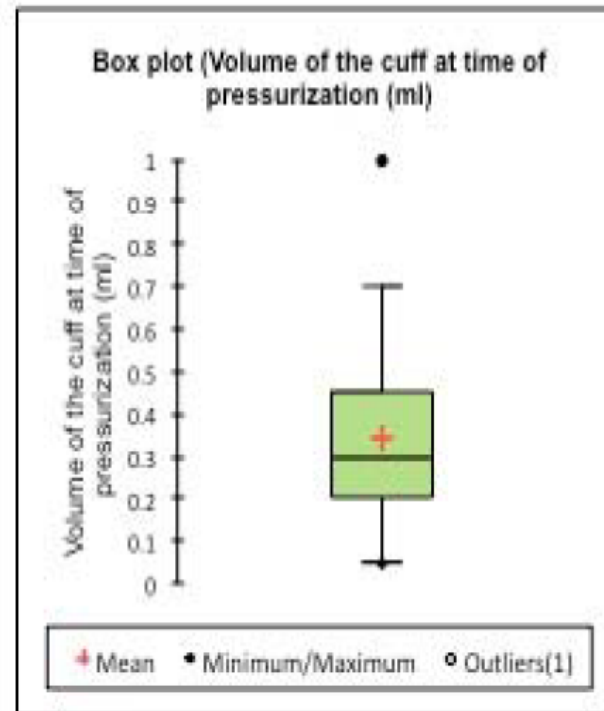


Figure 1. Peri-bulbar occlusive cuff volumes measured after PRB pressurization

Conclusion

Larger OC accommodate more volume (max 1cc).

Long-term erosion rates in relation to OC volume & impact?