

**NHS BLOOD AND TRANSPLANT  
OCULAR TISSUE ADVISORY GROUP MEETING**

**Summary of Pre-cut Service for DSAEK – NHSBT Manchester Eye Bank**

**Period: July 23<sup>rd</sup> 2015 - June 2<sup>nd</sup> 2016 (approx. 10 months)**

- 1) Total No. of pre-cut tissue = **141**  
14 per month / 3 per week
- 2) 2 not suitable for issue i.e. failed pre-cut (2/141 = **1.41%**)  
(1 perforation, 1 too thick >770um)
- 3) **9** – not used (corneal tissue issued but not used 9/139 = **6.5%**)
- 4) Corneal thickness before cutting – mean = **618um** (476-742)
- 5) Thickness of posterior lamellar tissue – mean = **102um** (75-142um)
- 6) ECD – mean = **2900** (range 2400-3150 cells)

**Summary**

- 1) Regular demand of pre-cut tissue
- 2) Aim for lamellar thickness of 100um achieved (despite variable corneal thickness prior to cut)
- 3) As with non pre-cut tissue, concerns of tissue issued but not used (6.5%)

**Further Plans**

- 1) Surgeon satisfaction questionnaire now ready to send to participating surgeons