



**TITLE: Fixing and Embedding of Eyes/Tissues**

SOP Number:                   D-DET-PRO-005                  

Revision Number:                   0                  

Effective Date:                   07 Apr 2015                  

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- c. Freeze by submerging in liquid N2
- 4. Cryosectioning
  - a. Remove frozen sample from cryomold and attach to sample holder.
    - i. Place approximately 500ul of OCT on sample holder.
    - ii. Place sample holder on freezing plate inside the cryostat.
    - iii. Freeze for 5 minutes, ensure that OCT has turned opaque and completely frozen.
  - b. Place sample holder in cryostat chuck and lower below blade.
  - c. Slowly raise sample and cut 10um sections.
  - d. Remove section by lightly touching on pretreated glass slides and remove from cutting chamber.
  - e. Allow samples to air dry for 1 hr at room temperature.
  - f. Proceed to processing as in the SOPs referenced above or place in slide holder and store at -80 in DTVR 4156E for future processing.

F. History

Effective Date	Revision	Change
07 Apr 2015	0	Initial issue of SOP