**UW Medicine - Pathology**

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Frozen Section Stain Procedure

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| Adopted Date: 08/26/03  Review Date: 12/16/10  Revision Date: 05/17/11 |

PURPOSE

To describe how to stain a frozen section.

PROCEDURE

**Principle:**

Hematoxylin and eosin are applied to the tissue section to enhance morphology.

**Procedure:**

1. Penfix - 60 seconds
2. Water wash - 10 dips
3. Hematoxylin 7211 - 45 seconds
4. Water was - 5 dips
5. Clarifier II - 1 dip
6. Water wash - 5 dips
7. Bluing reagent - 10 seconds
8. Water wash - 10 dips
9. 95% Flex Alcohol - 5 dips
10. Eosin Y - 15 seconds
11. 95% Flex Alcohol - 10 dips
12. 95% Flex Alcohol - 10 dips
13. 100% Flex Alcohol - 10 dips
14. 100% Flex Alcohol - 10 dips
15. Xylene - 10 dips
16. Xylene - 10 dips
17. Place 2 drops of Cytoseal mounting medium on the slide. Next gently apply a coverslip the slide.
18. Next set the slide on its edge to wick away any excess Cytoseal from the slide.
19. Repeat step 18 with opposite side of slide.
20. Dry off the back of the slide.

All reagents are purchased through UWMC Material Management, Richard-Allan Scientific, Kalamazoo, Michigan.

Written By: Director Approval:

(Signature and Date) (Signature and Date)

Steven Rath M.H.S.,P.A. (ASCP)

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Supervisor / Manager