



**SUBJECT/TITLE: SS 014 - MELANIN BLEACH**

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**PROCEDURE:**

1. Hydrate the slides to distilled water.
2. Place the slides in Working Potassium Permanganate (for bleaching).
3. Allow the slides to remain the Working Potassium Permanganate for at least 1 hour.
4. Check the slides to confirm that the bleaching has been successful. If the bleaching (no pigment visible on the slide) is not complete, place the slides back into the Potassium Permanganate until the bleaching is completed. The slides may remain in the solution for up to 4 hours.
5. Place the slides into the Working Oxalic Acid Solution (to remove the excess Potassium Permanganate) for 1 to 2 minutes. Upon removal from the Oxalic Acid Solution, the section should be “white”.
6. Wash gently in running water for 5 minutes.
7. Place both slides (bleached and non-bleached) onto the Primsa Auto-Stainer.

**RESULTS:**

Compare the treated slide with the untreated slide. There should be an absence of Melanin Pigment in the treated (bleached) slide.

References: Theory and Practice of Histotechnology; 2 <sup>nd</sup> Edition; Dezna Sheehan – C.V. Mosby Co (Publisher)	
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