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G-471 UNNA'S METHOD FOR MAST CELLS

FIXATION: 10% Buffered Neutral Formalin (F-113) or Formol Alcohol (F-127)

SECTION: Paraffin, @ 6 microns

STAINING PROCEDURE:

1. Deparaffinize and hydrate to distilled water.
2. **Polychrome Methylene Blue Solution**, (G-471-1) for 10 minutes. Rinse in distilled water.
3. Differentiate in **Glycerin-Ether Solution**, (G-471-2) diluted 1:5 with distilled water, for 30 seconds to 1 minute, or until sections are medium blue.
4. Wash in tap water 2-5 minutes. Blot with filter paper.
5. Dehydrate rapidly in Absolute Alcohol.
6. Clear in two changes of Xylene. Mount

RESULTS:

Mast Cell Granules.....red
Other cells.....greenish blue

REFERENCES:

Mallory, F.B.: Pathological Technique, New York, Hafner Publishing Co., 1961,
p. 175.