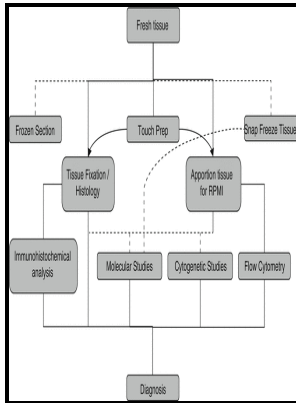


Evaluation of the fixation of cryostat sections in histopathology.

The Author] - Fixation, Freezing Etc.



Description: -

-evaluation of the fixation of cryostat sections in histopathology.

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Tissue Processing in Histopathology

Paraformaldehyde is a high polymer, and its molecules are too big to dissolve in water, alcohol or anything else. It helps to have some understanding about histotechniques.

Rapid and simple fixation

Move the Cryomold containing your specimen from dry ice to the cryostat and let it condition for few minutes. In our hematoxylin I look for a specific navy blue tone to tell me it is stained well. About the author , BAppSc, FAIMS Geoffrey Rolls is a Histology Consultant with decades of experience in the field.

Frozen Section Methods and Techniques

Animal tissues are classified as epithelium, with closely spaced cells and very little intercellular space; connective tissue, with large amounts of intercellular material; muscle, specialized for contraction; and nerve, specialized for conduction of electrical impulses. I first fix the slide in 95% etoh then put it in the rack If there is delay in fixing the tissue there will be significant drying artifact. With the glass slide, approach the coverslip at a 90 degree angle perpendicular to the coverslip.

Frozen Section Methods and Techniques

Make sure the cutting surface is as parallel as possible. It is used to immobilize and preserve the sample permanently in as life-like a state as possible. The slides should be frozen in a tightly sealed container, which will prevent excess condensation of moisture during thawing.

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