AIM & OBJECTIVES

AIM

To evaluate and compare the tissue fixative ability of Honey with that of formalin, and to assess its role in diagnostic pathology

OBJECTIVES

1. To fix the tissue in various concentration of Honey, 10% Neutral Buffered Formalin NBF (positive control) and distilled water (negative control)

2. To assess and compare any artifact in the tissue after fixation in various concentration of Honey with that of 10% NBF

3. To stain the tissue fixed in various concentration of Honey, 10% NBF and distilled water (negative control) with H & E, Periodic acid-Schiff & Van Gieson stain

4. To evaluate and compare the Honey Fixed Paraffin Embedded Tissue (HFPET) with that of Formalin Fixed Paraffin Embedded Tissue (FFPET) based on the H & E, Periodic Acid-Schiff & Van Gieson staining reaction

5. To quantify and compare DNA extracted from HFPET with that of FFPET