

AIMS AND OBJECTIVES

- 1) To compare the time needed for routine tissue processing and the microwave assisted tissue processing.
- 2) To compare mean shrinkage of tissues after routine and microwave processing of twin tissues.
- 3) To compare the time required for the routinely stained tissue sections and microwave assisted tissue section staining.
- 4) To compare the quality of the routinely stained sections against the microwave stained tissue sections by focusing on cellular, cytoplasmic, nuclear details and staining characteristics.
- 5) To assess reliability of microwave processed tissue specimens against the routine methods by special techniques like histochemistry.
- 6) To evaluate the reliability of tissue for antigen preservation of microwave assisted tissue processing against routine methods by immunohistochemistry.