



AUSTIN
NEUROMUSCULAR
CENTER



NERVE BIOPSY PROCEDURE

All Nerve biopsies are processed for microscopic evaluation, surgical pathology, enzyme histochemistry, immunohistochemistry staining, routine processing, special stains, frozen section processing and nerve teasing as requested.

Specimens should measure 3 cm long. The nerve biopsy is cut into 2 pieces with a sharp razor, to be processed for frozen and fiber teasing (as requested). For the teasing of nerve fibers, first nerve piece is fixed in a neutral buffered formalin solution 3% glutaraldehyde in the 2ml vial tube. The other nerve piece is collected and should be placed immediately on labeled Petri Dish/urine container with patient information on 4 x4 gauze sponges that have been moistened with saline.

It is imperative that the gauze sponges are not soaked with saline thus causing freezing artifact then the Petri Dish/urine container is kept cool until ship out overnight to Austin neuromuscular center lab.