



Research Study: H22-03181

EFFECT OF THE CRYONEUROLYSIS ON PAIN AND POSITIONING IN PATIENTS WITH WRIST AND HAND CONTRACTURE.

Dr. Paul Winston is conducting this project to evaluate how much cryoneurolysis is effective to control pain in patients with wrist and hand contracture.

Cryoneurolysis is based on rapid, controlled cooling of the targeted nerves to approximately -88 C° . The procedure is being done under guidance of the ultrasound and electrical nerve stimulation which give us the ability to locate the nerve branch and discriminate between sensory and motor nerves.

The study will involve a detailed measurement of wrist and hand range of motion and pain intensity before and after procedures up to 4 months.

Who is potential candidate?

Any adult patient with hand and wrist contracture or severe spasticity who suffers from pain with no response to usual pain management methods may be a potential candidate for this study. Patients should have a primary assessment in this clinic to figure out if they are candidate for this procedure and then they will be on a wait list for cryoneurolysis with our doctors. They will be offered the proper treatment based on the available guidelines, either they decide to be enrolled in the study or not.

For more information about the study or to arrange for the participation, contact Dr. Paul Winston or Mahdis Hashemi at 250-727-4233 or mahdis.hashemi@islandhealth.ca .

Participation in the study is voluntary. If they choose not to participate, the care will not be affected in any way.