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NCV-EMG-EP-EEG NEUROIMAGING INTRAOPERATIVE MONITORING

PATIENT NAME _____ PATIENT DOB _____

YOU HAVE BEEN SCHEDULED FOR A TRANSCRANIAL DOPPLER (TCD) EXAM BY YOUR DOCTOR ON

_____/_____/_____ AT _____ AM / PM

THE TCD EXAM IS USED TO EVALUATE BLOOD FLOW IN THE ARTERIES INSIDE YOUR SKULL. IT IS A TYPE OF ULTRASOUND EXAM SIMILAR TO A CAROTID DOPPLER. THE TEST IS PAINLESS AND NON-INVASIVE.

THE TEST NORMALLY TAKES 20-30 MINUTES TO COMPLETE AND THERE IS NO NEED TO FAST FOR THE EXAM.

DURING THE TEST, A SMALL AMOUNT OF GEL WILL BE APPLIED TO THE ULTRASOUND TRANSDUCER USED IN THIS EXAM. THIS PROBE AND GEL WILL THEN BE PLACED ON THE SCALP IN VARIOUS PLACES ALLOWING THE TECHNICIAN TO “LISTEN” TO THE BLOOD FLOW WITHIN THE ARTERIES INSIDE THE SKULL WITH DOPPLER ULTRASOUND. THERE ARE NORMALLY 6-8 DIFFERENT PLACES THE TECHNICIAN WILL PLACE THE ULTRASOUND TRANSDUCER DURING THE EXAM. THESE INCLUDE BOTH SIDES OF THE HEAD NEAR THE TOP OF THE EAR, ON TOP OF EACH CLOSED EYE LID, AND ON BOTH SIDES OF THE NECK NEAR THE BASE OF THE SKULL.

**PLEASE NOTE THAT ULTRASOUND GEL WILL BE PLACED ON YOUR EYELIDS AND SCALP (IN YOUR HAIR).
PLEASE LEAVE YOUR HAIR CLEAN WITHOUT ANY HAIR PRODUCTS AND DO NOT APPLY ANY MAKEUP.**

WE LOOK FORWARD TO SEEING YOU FOR YOUR TCD EXAM.

ABPN BOARD CERTIFIED IN NEUROLOGY