



INFORMED CONSENT

Title of the study:

Vestibular function for children with insulin dependent diabetes using cervical vestibular-evoked myogenic potentials (cVEMP) testing

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The purpose and introduction of the study:

Healthy vestibular system adjusts balance during static and dynamic conditions which is important for normal development (standing up and walking). Vestibulopathies are common complications of diabetes. In children, vestibular system is important for normal motor and mental development. VEMP testing is an objective, noninvasive, inexpensive, rapid and reliable test to assess function of the otolith organs (sacculle and utricle) of the inner ear. The otolith organs register forces related to linear acceleration and static tilt to gravitational axis. cVEMP is vestibulo-collic reflex (VCR) record from neck muscles in response to acoustic stimulation. It provides information about type 1 hair cells in saccular macula, inferior vestibular nerve, vestibular nuclei, lateral and medial vestibulospinal tracts and accessory nerve nuclei. This study aimed to evaluate saccular

vestibular function in children with T1D and predictors of its abnormalities as related studies in pediatric population are lacking. We aimed to assess the saccular function of the otolith organ in children with T1D and determine predictors for vestibular abnormalities. We used cervical vestibular evoked myogenic potential (cVEMP) for objective evaluation.

Corresponding author consent:

I certify that I have given a translated document (Arabic copy) from the above consent form for the patient to sign after I ensured that confidentiality is maintained by not citing the patient's name in the paper or showing her name on any of the investigations and neurophysiology.

Signature: 

Date: 1/7/2021

Statement for Patient's consent:

By signing below, I agree that I have read and understand the above information and agree for publishing my clinical, laboratory and neurophysiological information.