Syrian Original Electronystagmography Device

Overview

Electronystagmography (ENG) is a diagnostic test to record involuntary movements of the eye caused by a condition known as. It can also be used to diagnose the cause of, or dysfunction by testing the. Electronystagmography is used to assess voluntary and involuntary. It evaluates the and the (CN III). The ENG can be used to determine the origin of various eye and ear disorders.

Key Takeaways

Electronystagmography (ENG) devices, used to diagnose eye movement and vestibular disorders, are available in Syria through local suppliers such as Allied and Kendakji Medical Devices.Overview of ENG Devices

Electronystagmography (ENG) is a diagnostic tool that records involuntary eye movements, particularly nystagmus, to evaluate vestibular function and balance disorders. ENG uses electrodes placed around the eyes to measure corneo-retinal potentials, and it can include tests such as saccades, gaze, pursuit, positional, Dix-Hallpike, caloric, and optokinetic assessments. Modern systems often integrate digital filters and high sampling rates, providing results comparable to video nystagmography (VNG) systems, which use infrared cameras for detailed eye movement analysis . Portable ENG instruments also exist, allowing recording of spontaneous, rotational, caloric, positional, and pressure-induced nystagmus under various conditions .

Syrian Suppliers
• Allied Medical & Scientific
• Founded in 2010, Allied operates in Damascus, Aleppo, Tartous, and Latakia.

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• Provides sales, service engineering, and professional support for advanced medical devices, including ENT and ophthalmology equipment, which encompasses ENG systems .

• Offers integrated solutions for both private and public healthcare sectors.

• Kendakji Medical Devices
• Established in 2008 in Aleppo, Kendakji specializes in importing medical and laboratory equipment, consumables, and spare parts.

• Supplies a wide range of diagnostic devices, including ENG systems, with engineering support and maintenance services .

• Recognized as an accredited supplier in Syria for medical and laboratory equipment.

Considerations for Procurement
• Device Type: Choose between standard ENG or advanced VNG systems depending on diagnostic needs.

• Support and Maintenance: Ensure the supplier provides calibration, technical support, and training for staff.

• Portability: Some ENG devices are portable, suitable for clinics with limited space or mobile diagnostic needs .

• Test Capabilities: Confirm the system supports the full battery of ENG tests, including caloric and positional assessments. For clinicians or institutions in Syria, contacting Allied or Kendakji Medical Devices directly is recommended to obtain quotations, technical specifications, and service agreements for original ENG devices.

Article Content

Electronystagmography

Electronystagmography (ENG) is a diagnostic test to record involuntary movements of the eye caused by a condition known as nystagmus. It can also be used to diagnose the cause of vertigo, dizziness or balance dysfunction by testing the vestibular system. Electronystagmography is used to assess voluntary and involuntary eye movements. It evaluates the cochlear nerve and the oculomotor nerve (CN III). The ENG can be used to determine the origin of various eye and ear disorders.

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