



Head Shake - Sensory Organization Test (HS-SOT)



Components:

- HS-SOT software
- InterSense InertiaCube², 3-axis, integrating gyro mounted on a headband

System Requirements:

The HS-SOT option is available on the following NeuroCom systems:

- EquiTest®
- SMART EquiTest®
- SMART Balance Master®
- PRO Balance Master®

The HS-SOT option requires software Version 8.0 or higher.

Electrical Characteristics:

- Conforms to UL STD 2601-1
- Certified to CAN/CSA STD C22.2 No. 601.1
- Compliant to CE standards



Specifications subject to change without notice.

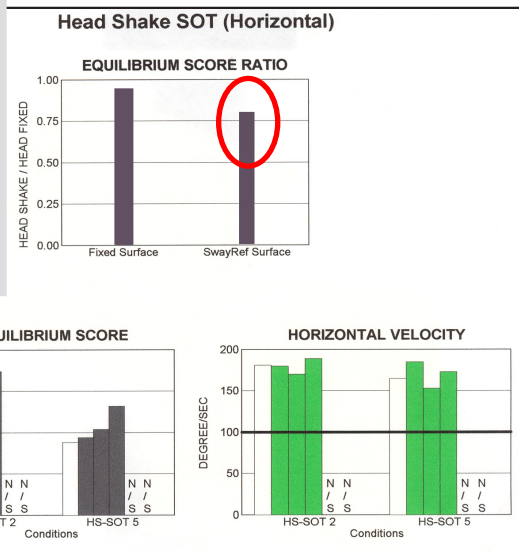


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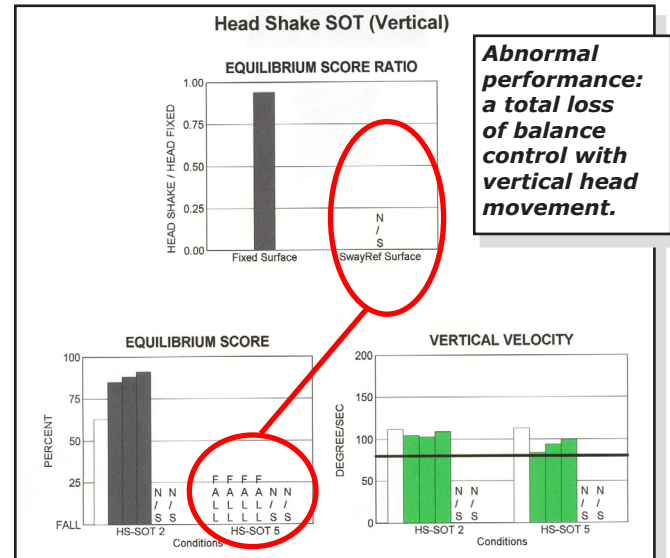
Standardized Assessment Protocols:

Head Shake-Sensory Organization Test (HS-SOT) The HS-SOT identifies impairments in the patient's effective use of vestibular inputs to balance during more complex task conditions in which the patient is both maintaining balance and performing an active head movement task.

Normal test: patient experienced a minimal 10% decline in balance control with maximum vestibular challenge in the horizontal plane.



Normal function in the horizontal movement plane of the head shake subtest.



Abnormal performance: a total loss of balance control with vertical head movement.

Impaired function (falls) with head movement in the vertical movement plane of the head shake subtest.