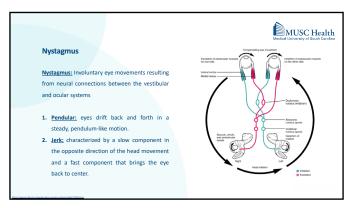


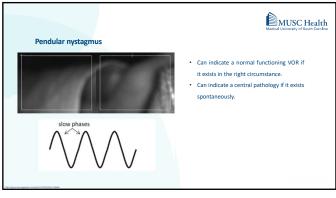


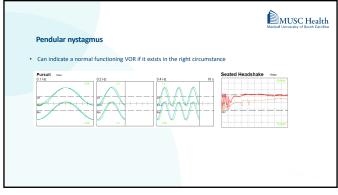
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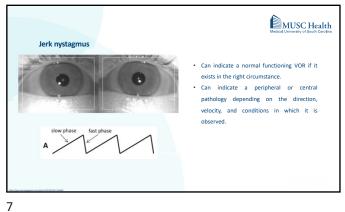


4





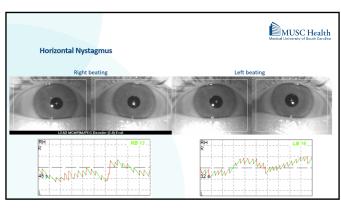
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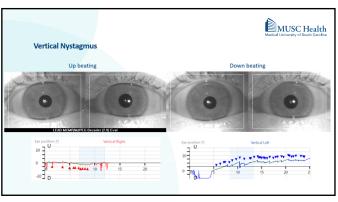
MUSC Health Objectives 2. Identify key terms for interpretation 3. Identify "normal" and "abnormal" nystagmus in relation to the vestibular test battery

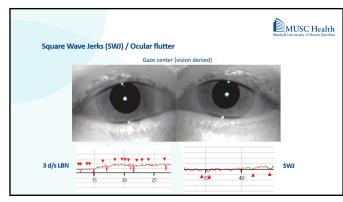
8

MUSC Health **Characterizing Jerk Nystagmus** Horizontal – left beating, right beating Vertical – up beating, down beating Torsional Velocity (degrees/second): Strong response i.e., 25 d/s Weak response i.e, 3 d/s

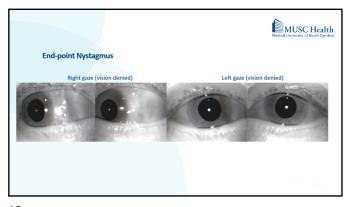


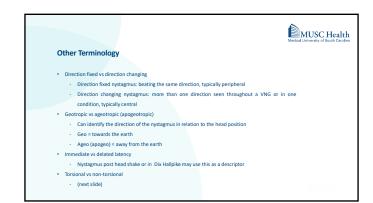
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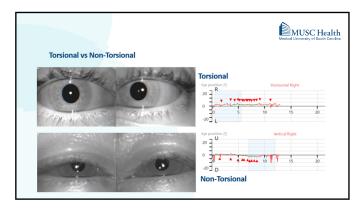


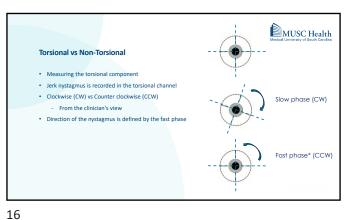
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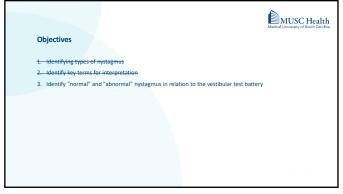


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"Normal" vs "Abnormal" nystagmus

If you are stimulating the vestibular system, there should be nystagmus indicating an intact and functioning VOR

Rotary chair testing

Caloric testing

Dynamic positioning movements

If you are NOT stimulating the vestibular system, there should NOT be nystagmus

Static head or body positions

Spontaneous gaze

17 18



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HOWEVER...

- Nystagmus will beat towards the side with more neural activity
 - o Nystagmus may beat towards the side of lesion, if the lesion is causing an increase in
 - spontaneous neural activity

 o Irritative lesion
- Examples of pathologies that can follow this rule:
 - o Vestibular schwannoma
 - o Meniere's Disease

19 20

