Thoracic Outlet Syndrome



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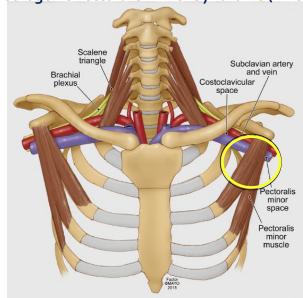
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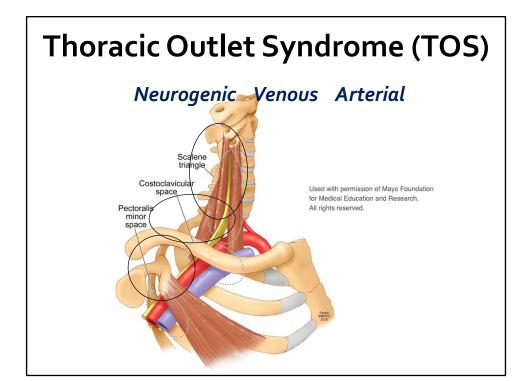


1

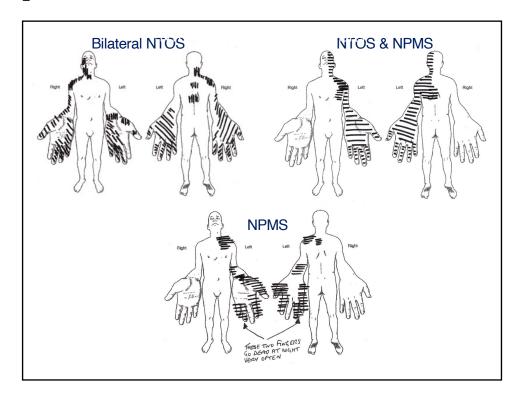
Neurogenic Thoracic Outlet Syndrome (NTOS)

Neurogenic Pectoralis Minor Syndrome (NTOS)





2



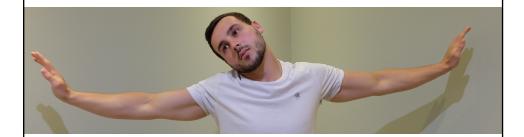
NTOS Diagnostic Criteria

- 1. LOCAL SYMPTOMS
- 2. PERIPHERAL SYMPTOMS
- 3. ABSENCE of competing diagnosis
- **4. SCALENE BLOCKS**

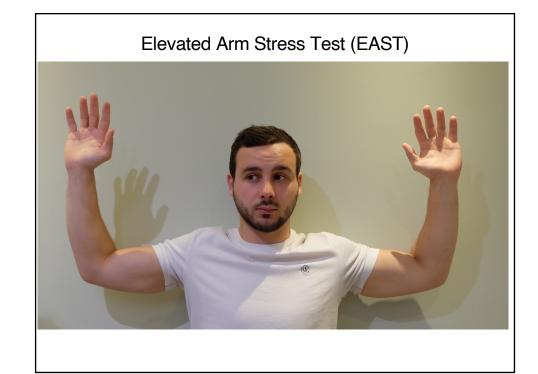
K. Illig et al 2016

5

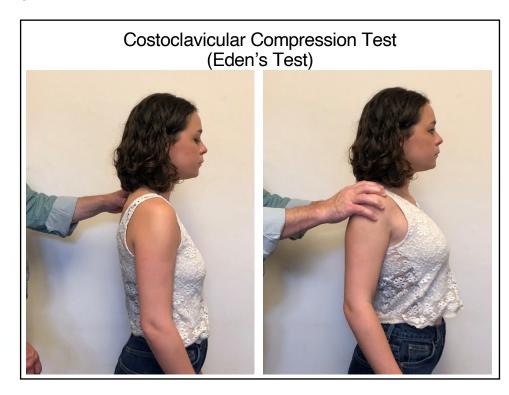


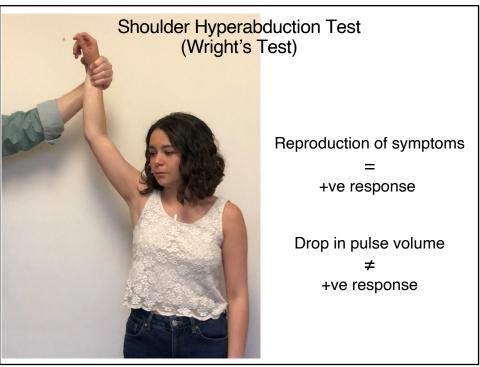


Stage 3



6





Increasing

severity

arm/hand

symptoms

Detectable

neurological signs

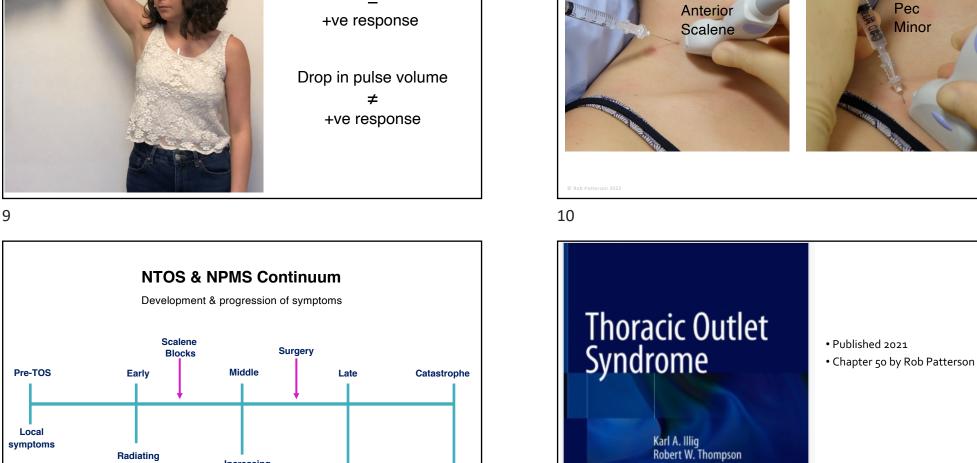
Numbness &

weakness

Radiating

symptoms

arm/hand



? Permanent

nerve

damage

NTOS Diagnostic Criteria

Julie Ann Freischlag

Dean M. Donahue

Sheldon E. Jordan

Hugh A. Gelabert Editors

Ying Wei Lum

Springer