

THORACIC OUTLET SYNDROME

Classification and Workup

1

NEUROGENIC

95% of cases

Clinical Diagnosis

Imaging generally unhelpful

2

VENOUS

4% of cases

Presents similar to DVT

US/Venogram is diagnostic

3

ARTERIAL

1% of cases

Limb ischemia, Raynaud's initially

Angiogram is Diagnostic

CAUSES OF THORACIC OUTLET SYNDROME

Overdevelopment of chest flexors

Cervical Rib

Whiplash Injury

Repetitive motion Injuries/Sports

Scalene hypertrophy



THORACIC OUTLET SYNDROME

Making the Diagnosis

“5 Doctor Syndrome” - Frequently Missed!

Differentiate from Radiculopathy

Involves **ENTIRE** brachial plexus

Whole hand will be symptomatic

Tenderness over the scalene triangle

Cervical XR /MRI may show cervical rib

CERVICAL RIB

