

**Supplemental Table 1 Differential diagnosis of QSS**

<b>vQSS</b>	<b>nQSS</b>
1. Thoracic outlet syndrome	1. Suprascapular nerve entrapment
2. Hypothenar hammer syndrome	2. Complex regional pain syndrome
3. Aneurysm/thrombosis in other arteries	3. C5/C6 radiculopathy
4. Distal embolization/ischemia from:	4. Overt axillary nerve/shoulder trauma from:
a. Endocarditis/valvular heart disease	a. Glenohumeral joint dislocation
b. Arrhythmia	b. Proximal humerus fracture
c. Scleroderma	c. Brachial neuritis
d. Vasculitis	d. Deltoid muscle blunt trauma
e. Thromboangiitis obliterans	e. Intramuscular injections to the deltoid
f. Atherosclerosis	f. Surgical complication from positioning