Patients presented with torticollis regardless of palpable mass along SCM ($n = 140$)

US, C-spine radiography

Exclusion
- Congenital anomaly on radiography ($n = 0$)

No mass on US ($n = 79$)
- Inaccurate measurement on US ($n = 8$) due to excessive movement

Mass on US ($n = 61$)

Total included patients ($n = 71$)

Supplementary Fig. 1. Flow chart showing enrollment of study population. SCM = sternocleidomastoid muscle, US = ultrasonography