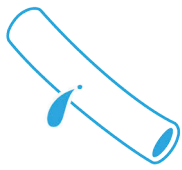


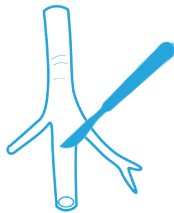
## Pain in the neck

# RECOGNIZING THE COMPLICATIONS OF NECK NERVE BLOCKS

### Typical complications (of any nerve block)



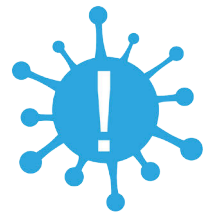
Bleeding



Nerve injury



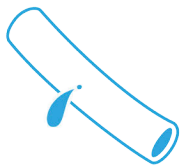
Pain



Infection

### Serious complications

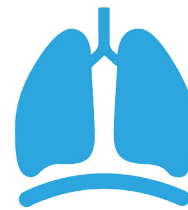
- Vascular puncture (these vessels can be harder to compress if punctured)
- Lung puncture (pneumothorax)
- Diaphragm paralysis
- Local anesthetic systemic toxicity (L.A.S.T.)



Vascular puncture



Lung puncture



Diaphragm paralysis

### Avoid these complications

- Develop a routine and prepare your room / patient.
- Go slowly.
- Always identify the pleural line and lung sliding.
- Always use ultrasound.
- Do these procedures in-plane.