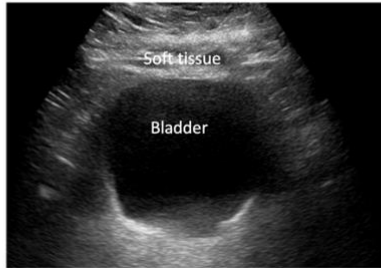
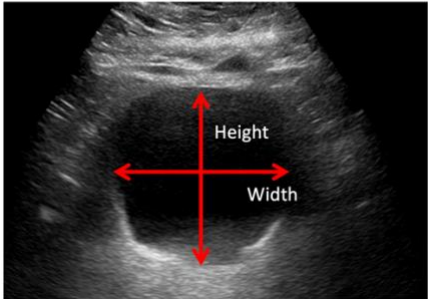

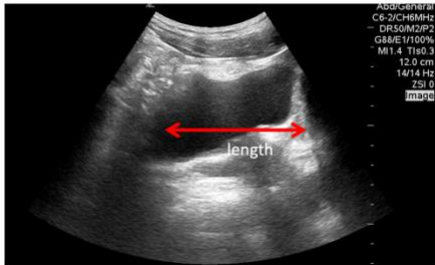


MUSIG Cheat Sheet #3 – Bladder Ultrasound

Indication, View, Documentation	Probe Choice, Marker Position	Landmarks	Findings
Post-void bladder volume (In hydronephrosis, if excess post-void bladder volume, think about prostatic or blocked foley, bladder tumor, ureterolithiasis, urethral tumor, etc.)	Low frequency probe, patient supine	External: Public symphysis	Volume (ml) = $0.75 \times (W\text{-trans} \times H\text{-trans} \times L\text{-sagit})$ <ul style="list-style-type: none"> W-trans = max width in the transverse plane H-trans = max height in the transverse plane L-sagit = max length in the sagittal plane
Sagittal & transverse Bladder	Orientation marker cephalad (sagittal) and patient left (transverse)	Internal: Bladder	If volume >300 cc suggests urinary retention – foley in
Bladder volume	Troubleshooting: Ensure abutting the pubic bone	Area of interest: Bladder in both sagittal and transverse planes	<div> <p>Normal anatomy (transverse)</p> <p>Near field - anterior</p> <p>Screen left Patient R</p>  <p>Screen right Patient L</p> <p>Measuring (transverse)</p>  </div> <div> <p>Normal anatomy (sagittal)</p> <p>Far field - Posterior</p> <p>Near field - anterior</p> <p>Screen left cephalad</p>  <p>Screen right caudad</p> <p>Measuring (sagittal)</p>  <p>Far field - Posterior</p> </div>