Protocol 2022b Minutes

**Ultrasound**

Potential changes to worksheet to checkbox format

* Put on hold, will re-assess following Epic update

Liver Doppler

* Reminder to obtain Doppler measurements at 30-60 degrees insonation
* Reminder to document MPV velocity, main hepatic artery resistive index

Pregnancy 1st trimester

* Reminder that if CRL is identified, gestational age is based on CRL

Pregnancy US, 2nd-3rd trimester

* Reminder to add cervical length, open vs. closed and presence of fluid in canal

Thyroid

* Only include nodules >= 5mm

**CT**

Cervical spine CT:

* Issues with new ER scanner at ACH not sending both axial soft tissue and bone windows
* May have been an issue after upgrade, seems resolved but will follow

\*\*\*Reminder to all sites to send scouts along with study\*\*\*

CTA for GI Bleed

* Reminder to always do 3 phases:
  + 1) Non-contrast (essential for GI bleed; if in doubt, ask radiologist)
  + 2) Arterial phase
  + 3) Delayed phase
* Change in protocol
  + 1) Non-contrast
  + 2) Arterial phase: IV contrast timed to distal aorta but **no longer add 25 seconds**
  + 3) Late venous phase: 90-110 seconds

CTA for PE

* Remove lung bases below the tops of the diaphragms if patient is
* 1) <30 years old
* 2) Pregnant

Split bolus

* Protocol change
* 1) Non-con
* 2) Split bolus
  + ½ dose + 250 mL normal saline
  + Wait 8 minutes
  + Give ½ dose
  + Wait 70 seconds and image

**MRI**

Lumbar with contrast

* Change axials to be 2 or 3 angled blocks through whole spine to obtain complete coverage, stitch together blocks into 1 sequence

Hip arthrogram

* Specify that Axial T1 is axial oblique

3T

* Rectal CA, cervical CA and prostate all should be on 3T
* Exception: Barberton and old COE scanner if s/p hip arthroplasty

Spleen

* Same protocol as Routine Liver (including 15 minute post-gad) but to include entire spleen

MR Urogram

* New protocol
* Includes giving Lasix, will need nursing available

Neuro

* MS Protocol
  + Change MS protocol, including 3D FLAIR and post-contrast 3D T1 MPRAGE
* New CSF Flow protocol
* New Traumatic brain injury protocol