

# Radiology Tip Sheet

## Pediatric Ultrasound

*If age of child is not within indicated limits, please call ultrasound to approve before scheduling.*

| Order/Visit Type                       | Age Limits       | Indications / Comments   |
|--|------------------|--|
| <b>US abdomen complete</b>             | None             | Abdomen, flank, upper abdomen or back pain; jaundice, organomegaly; h/o of tumor follow-up, abdominal distention, structural abnormalities of the abdomen, nausea and/or vomiting, Beckwith-Wiedemann syndrome, congenital abnormalities, abnormal lab values, hepatosplenomegaly, intussusception                   |
| <b>US right upper quadrant</b>         | None             | RUQ pain, Abnormal LFTs, eval gallbladder, r/o gallstones/cholecystitis  |
| <b>US left upper quadrant</b>          | None             | Splenomegaly, splenic sequestration, LUQ pain  |
| <b>US head</b>                         | 0-6 months       | Prematurity, macrocephaly, congenital abnormalities, poor feeding, h/o hydrocephalus, h/o IVH, increased head circumference, prominent fontanelle  |
| <b>US duplex lower extremity veins</b> | None             | Swelling LOWER extremity/ties (unilateral or bilateral), pain/tenderness, r/o dvt, r/o blood clot, edema, h/o dvt/thrombus.<br><b>Veins only NOT arteries.</b>   |
| <b>US duplex upper extremity veins</b> | None             | Swelling UPPER extremity/ties (unilateral or bilateral), pain/tenderness, r/o dvt, r/o blood clot, edema, h/o dvt/thrombus.<br><b>Veins only NOT arteries.</b>   |
| <b>US ext non-vascular</b>             | None             | Soft tissue mass, lump, palpable, soft tissue or muscle injury, joint effusion, fluid collection, superficial mass or cyst   |
| <b>US thyroid neck</b>                 | None             | Eval nodules, Multinodular goiter, follow up from thyroidectomy, follow up thyroid cancer, thyroid swelling, neck swelling, neck mass, neck pain, neck lymphadenopathy, eval lymph nodes, thyroglossal cyst, brachial cleft cyst, adenopathy, fibromatosis coli, palpable neck mass, hyperthyroidism, hypothyroidism |
| <b>US hip pediatric limited</b>        | 4 weeks-6 months | Hip click, asymmetrical creases/folds, family h/o congenital hip dysplasia/dislocation, breech presentation, r/o hip dysplasia, developmental dysplasia  |
| <b>US pelvis non-OB</b>                | None             | Pelvic pain, Irregular menses, follow up adnexal/ ovarian mass, RLQ/LLQ pain, precocious puberty, delayed menses, abnormal vaginal bleeding, Amenorrhea, ambiguous genitalia, pelvic mass, structural abnormalities  |
| <b>US pediatric stomach</b>            | 0-4 months       | Projectile vomiting, failure to thrive, weight loss, vomiting  |

## Ultrasound (Pediatrics)

| Order/Visit Type                   | Age Limits   | Indications / Comments  |
|------------------------------------|--|---|
| <b>US retroperitoneum</b>          | None   | Renal size, Hydronephrosis, renal cysts, flank pain, hematuria, urinary urgency/frequency, polycystic kidney, renal mass, abnormal fetal ultrasound, recurrent UTI, horseshoe kidney, pelvic kidney, dysuria, Multicystic dysplastic kidney(MCDK), ectopic kidney |
| <b>US renal transplant doppler</b> | None   | S/p renal transplant, renal transplant doppler, increased CR  |
| <b>US spine pediatric</b>          | 0-3 months   | Sacral dimple, Sacral pit, Tuft of hair, asymmetric gluteal fold  |
| <b>US testicular</b>               | None   | Testicular pain/swelling/enlargement, scrotal pain/swelling/enlargement, inguinal hernia, testicular torsion, scrotal/testicular asymmetry, undescended testicles   |
| <b>US head doppler</b>             | None   | Eval velocities for stroke risk in sickle cell patient, flow velocities, Sickle Cell Disease (SCD)  |
| <b>US visc dup complete</b>        | None   | RAS, R/o RAS/Renal Artery Stenosis, Hypertension (HTN), liver dopplers, portal hypertension, portal vein thrombosis   |
| <b>US chest</b>                    | None   | Soft tissue mass, lump, palpable mass, soft tissue or muscle injury, fluid collection, superficial mass or cyst - all on chest. <b>DO NOT USE FOR BREAST.</b>   |
| <b>US breast</b>                   | 0-8 yrs (9 and up to be scheduled on Cancer Center schedule) | Breast lump, Breast mass, palpable breast mass, breast swelling, breast pain, breast redness, gynecomastia  |