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| Job Aid: Ultrasound Cranial Sector Scan | | |
| Division: SLH,SNGH | Manual: | Locations: Radiology Ultrasound |
| Original Date: 8/1/12 | Section: | |
| Owner: Imaging Operations | | |
| Approved By: Richard Thomas, MD, Department Chief | | Revision Date: 11/20/13, 3/04/14, 1/20/17, 2/06/2020 |

***Procedure done through Anterior Fontanelle**

1. **Coronal (8 images)**
 - a.) Frontal lobes (anterior to lateral vents)
 - b.) Frontal lobes showing temporal lobe
 - c.) Level of 3rd vent (Foramen of Monroe) including cavum septum pellucidum, corpus callosum
 - d.) “3 Dot Sign” representing 3 Choroid Plexus’ (bodies of lateral ventricles)
 - e.) Brainstem
 - f.) Quadrigeminal Cistern “STAR”
 - g.) Glomus of lateral ventricles choroid plexus
 - h.) Occipital lobe cortex (centrum semiovale)
2. **Midsagittal-this is important**
 - a.) Midline structures (corpus callosum, cavum septum pellucidum, 3rd vent., vermis)
3. **Parasagittal Right**
 - a.) Caudothalamic Groove-Important!!!
 - b.) Entire Lateral Ventricle-Showing Choroid Plexus
 - c.) Periventricular White Matter
 - d.) Periventricular White Matter/Insula/Lateral Fissure
4. **Parasagittal Left-Repeat #3 Protocol**
5. **Transmastoid view of Cerebellum/Vermis/Cisterna Magna/4th vent. (2 images)**

****Additional Images needed at Transmastoid fontanelle, if bleed is seen within post lat vents*****

RI to be done at Anterior Cerebral Art if hydrocephalus seen

Related Documents:

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| <i>Policy</i> | N/A |
| <i>Procedure</i> | N/A |