

# PAEDIATRIC SPINE ULTRASOUND



PATIENT NAME: \_\_\_\_\_ DOB: \_\_\_\_\_ AGE: \_\_\_\_\_

PATIENT #: \_\_\_\_\_ ID CHECK: \_\_\_\_\_ SONOGRAPHER: \_\_\_\_\_

## CLINICAL HISTORY

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

## SPINAL CANAL

### NAD

- SPINAL CORD POSITION: central / ventral / dorsal (n = hyperechoic chord/central thin, echogenic complex)<sup>1</sup>
- LEVEL OF TERMINATION OF CONUS: (n > upper L3 term/lower L3 prem)<sup>2</sup>
- NERVE ROOTS (n = mobile/dependent)<sup>2</sup>
- FILUM mm (n < 2mm)<sup>1</sup>
- THECAL SAC (n = thin echogenic lining, ends at S2)<sup>1</sup>
- CERVICAL AND THORACIC SPINE

COMMENTS: \_\_\_\_\_

## SPINE

TRANSVERSE PROCESSES\*: normal (paired/even) / splayed / uneven

VERTEBRAL BODIES\*: normal / uneven / abnormal

SACRAL DIMPLE: No  / Yes : normal / abnormal

COMMENTS: \_\_\_\_\_

RIGHT KIDNEY			LEFT KIDNEY		
RENAL LENGTH:	mm	% ile	RENAL LENGTH:	mm	% ile
CORTEX: normal / abnormal			CORTEX: normal / abnormal		
CORTICO-MEDULLARY DIFF: normal / abnormal			CORTICO-MEDULLARY DIFF: normal / abnormal		
DILATATION: No <input type="radio"/> / Yes <input type="radio"/> : mm			DILATATION: No <input type="radio"/> / Yes <input type="radio"/> : mm		
Minimal <input type="radio"/> Mild <input type="radio"/> Mod <input type="radio"/> Severe <input type="radio"/>			Minimal <input type="radio"/> Mild <input type="radio"/> Mod <input type="radio"/> Severe <input type="radio"/>		

## COMMENTS

\* within the limitations of ultrasound to assess bony structure/anatomy

1. Meyers AB et al. Sonographic spinal imaging of normal anatomy, pathology and magnetic growing rods in children. *Pediatr Radiol* (2017) 47:1046–57 2. Siegal, et al. *Pediatric Sonography* 4th Edition 2011.

The information in this publication is current when published and is general in nature; it does not constitute professional advice. Any views expressed are those of the author and may not reflect ASA's views. ASA does not endorse any product or service identified in this publication. You use this information at your sole risk and ASA is not responsible for any errors or for any consequences arising from that use. See [www.sonographers.org](http://www.sonographers.org) for the full disclaimer.