

Table Supplemental Digital Content 2

Title: *Overview of ultrasound image collection conditions (dorsal 1, ventral 2, both lateral conditions 3,4)*

View/series	1: Dorsal ¹	2: Ventral ²	3+4: Lateral ³
Anatomical reference point (ARP) (= zero position)	C1 Posterior arch	C1 Anterior arch	Mastoid process (caudal tip)
C1			Transverse process
C1/C2		Base of dens	Facet joint
C2	Spinous process	Vertebral body	Transverse process
C2/C3		Intervertebral space ⁴	Facet joint
C3	Spinous process	Vertebral body	Posterior tubercle
C3/C4		Intervertebral space ⁴	Facet joint
C4	Spinous process	Vertebral body	Posterior tubercle
C4/C5		Intervertebral space ⁴	Facet joint
C5	Spinous process	Vertebral body	Posterior tubercle
C5/C6		Intervertebral space ⁴	Facet joint
C6	Spinous process	Vertebral body	Posterior tubercle
C6/C7		Intervertebral space ⁴	Facet joint
C7	Spinous process	Vertebral body	Transverse process
C7			Vertebral body

Caption:

1 = dorsal view series: for probe rotation (z-axis) 0° and 90°

2 = ventral view series: for probe rotation (z-axis) 0° and 90°

3 = lateral view series: for both left and right lateral view, each with probe rotation (z-axis) 0° and 90°.

4 = intervertebral space: intervertebral disc replaced by bee wax.

A Table with an overview of the Anatomical Reference Points (ARPs) and bony cervical targets from dorsal, ventral and lateral views.