GROSS ANATOMY

RADIOLOGY IMAGING MODALITIES
OF THE SPINE

CERVICAL SPINE IMAGES

• CERVICAL PLAIN FILMS
• CERVICAL MYELOGRAM
• CERVICAL CT
• CERVICAL MRI
CERVICAL SPINE
“AP” VIEW

- MASTOID AIR CELLS
- FACET JOINTS
- FACET JOINTS
- AIR IN TRACHEA
- PEDICLES
- SPINOUS PROCESS
- CLAVICLES
CERVICAL SPINE
OBLIQUE VIEW

FORAMINA

FACET JOINTS

PEDICLES

C-7

SKULL

FIRST RIB

TRACHEA
CERVICAL MYELOGRAM
AP VIEW

IODINATED CONTRAST IN THE THECAL SAC

MANDIBLE

POST OP- PLATE

NERVE ROOTS

THECAL SAC
CERVICAL MYELOGRAM
LATERAL VIEW

IODINATED CONTRAST
IN THECAL SAC
AXIAL SAGITTAL CT- CERVICAL SPINE C-1 SECTION

- ARCH OF C-1
- DENS
- BASE OF SKULL
- MASTOID
MRI– CERVICAL SPINE
AXIAL
MRI CERVICAL SPINE
AXIAL

CORD

LAMINA
MRI—CERVICAL SPINE
SAGITTAL-midline

THECAL SAC

SPINAL CORD

DISC
MRI– CERVICAL SPINE
SAGITTAL-midline

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MRI—CERVICAL SPINE
SAGITTAL-lateral

FACET JOINTS
THORACIC SPINE IMAGES

• THORACIC PLAIN FILMS
THORACIC SPINE
AP VIEW

CLAVICAL

PEDICLE OF T-7

SPINOUS PROCESS

DISC SPACE

T-11

12 th rib

PEDICLE OF T-7
LATERAL THORACIC SPINE

- CLAVICAL
- PEDICLE
- DISC SPACE
- VERTEBRAL BODY
- RIB
- SPINOUS PROCESS
THORACIC SPINE
SWIMMERS VIEW

SKULL
HEAD OF HUMERUS
CLAVICAL

C-1
C-4
C-7
LUMBAR SPINE IMAGES

- LUMBAR PLAIN FILMS
- LUMBAR MYELOGRAM
- LUMBAR CT— POST MYELOGRAM
- LUMBAR MRI
LUMBAR SPINE
AP VIEW

TRANSVERSE PROCESS
DISC SPACE
PEDICLES
S-I JOINTS
SACRUM
RIB
T-12
L-1
SPINOUS PROCESS

AP VIEW
LUMBAR SPINE SPOT VIEW

L-5

SACRUM

DISC SPACE
LUMBAR MYELOGRAM
AP VIEW

IODINATED
CONTRAST IN
THECAL SAC
LUMBAR MYELOGRAM
LATERAL VIEW

IODINATED CONTRAST IN THECAL SAC
CT-LUMBAR SPINE
POST MYELOGRAM

THECAL SAC

LAMINA

LAMINA
CT- LUMBAR SPINE
POST MYELOGRAM

FACET JOINTS
CT- LUMBAR SPINE
POST MYELOGRAM

PEDICLE

PEDICLE

NERVE ROOTS
MRI – LUMBAR SPINE
AXIAL VIEW

DISC

FACET JOINTS

LAMINA
MRI – LUMBAR SPINE
AXIAL VIEW

THECAL SAC
NERVE ROOTS
MRI– LUMBAR SPINE
SAGITTAL

SPINAL CORD

BULGING DISC