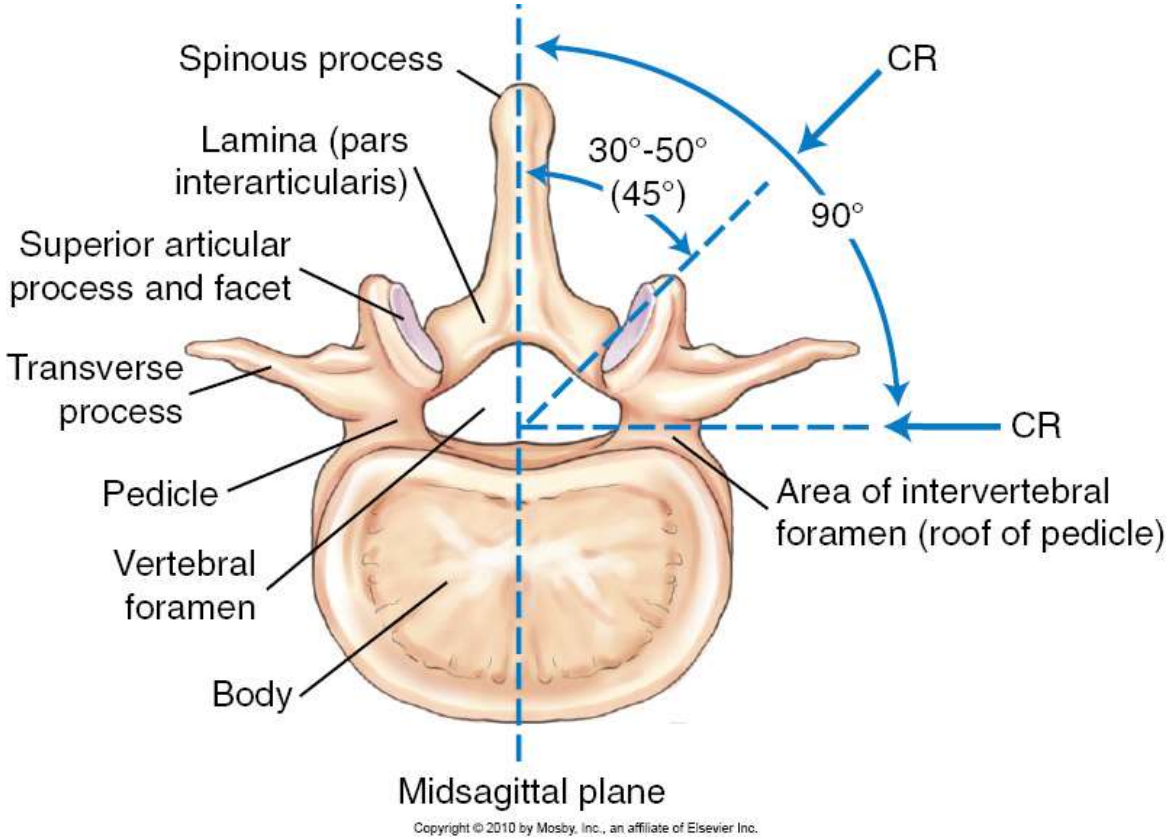
MRAD 256:
LUMBAR OBLIQUES



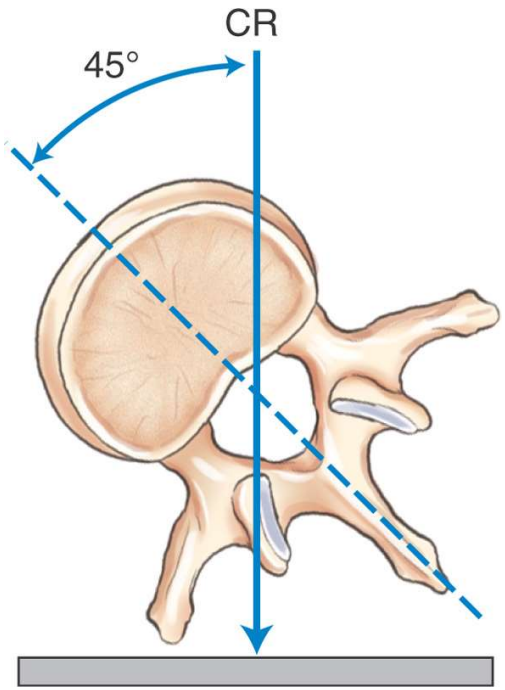
Lumbar Vertebra Superior View



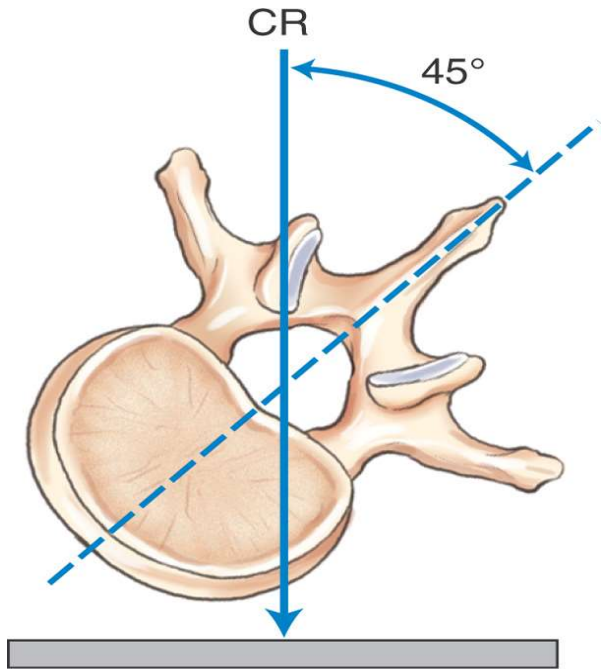
Copyright © 2010 by Mosby, Inc., an affiliate of Elsevier Inc.

Zygapophyseal Joints

- Downside joints (posterior oblique)



- Upside joints (anterior oblique)



Evaluation Criteria: Oblique L-Spine

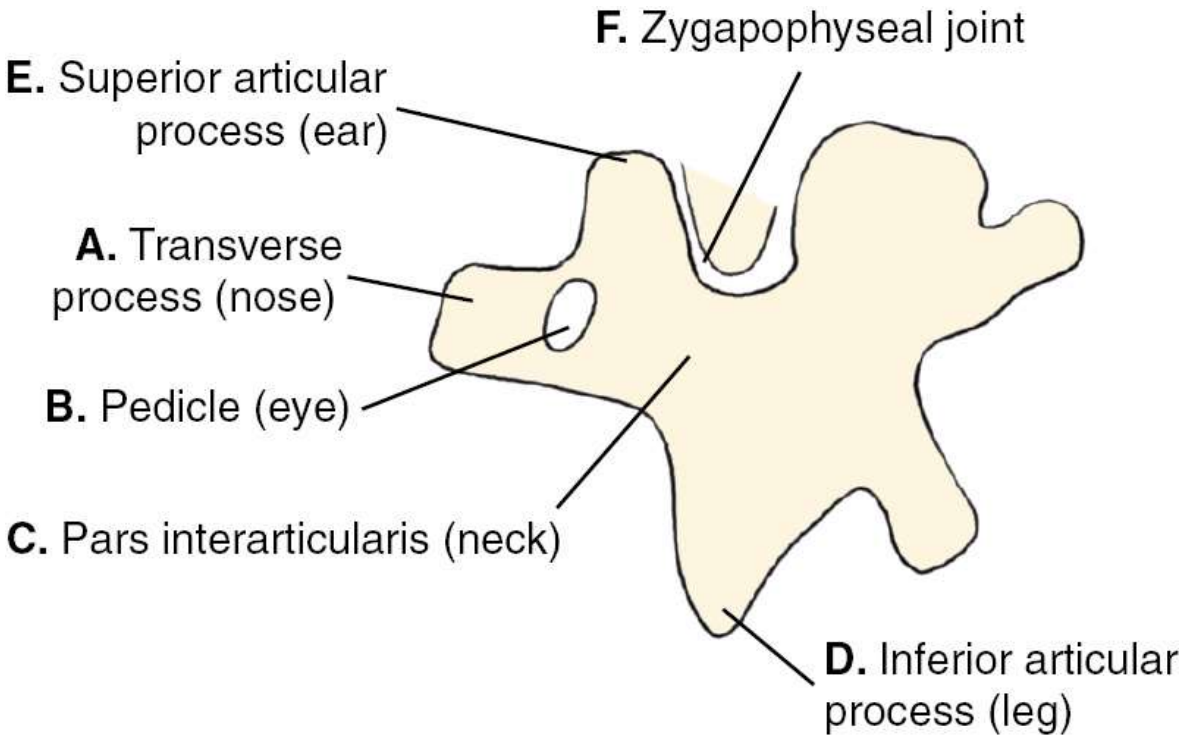
- L1 to S1 demonstrated
- Zygapophyseal joints visualized
- Pedicle near center of vertebral body
- Optimal exposure factors

- RPO



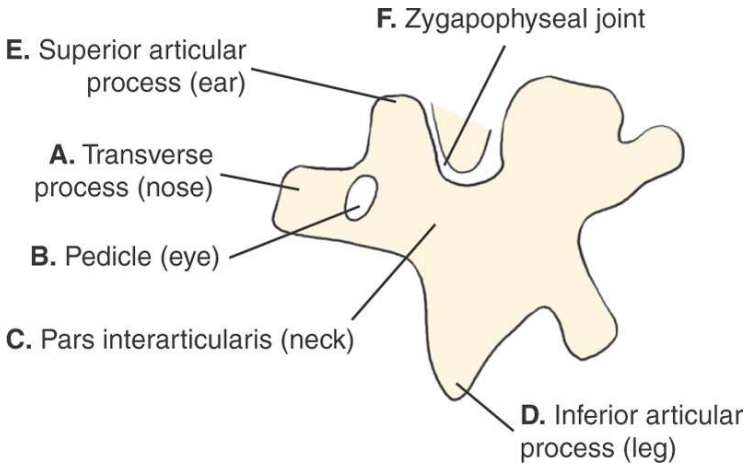
Scottie Dog

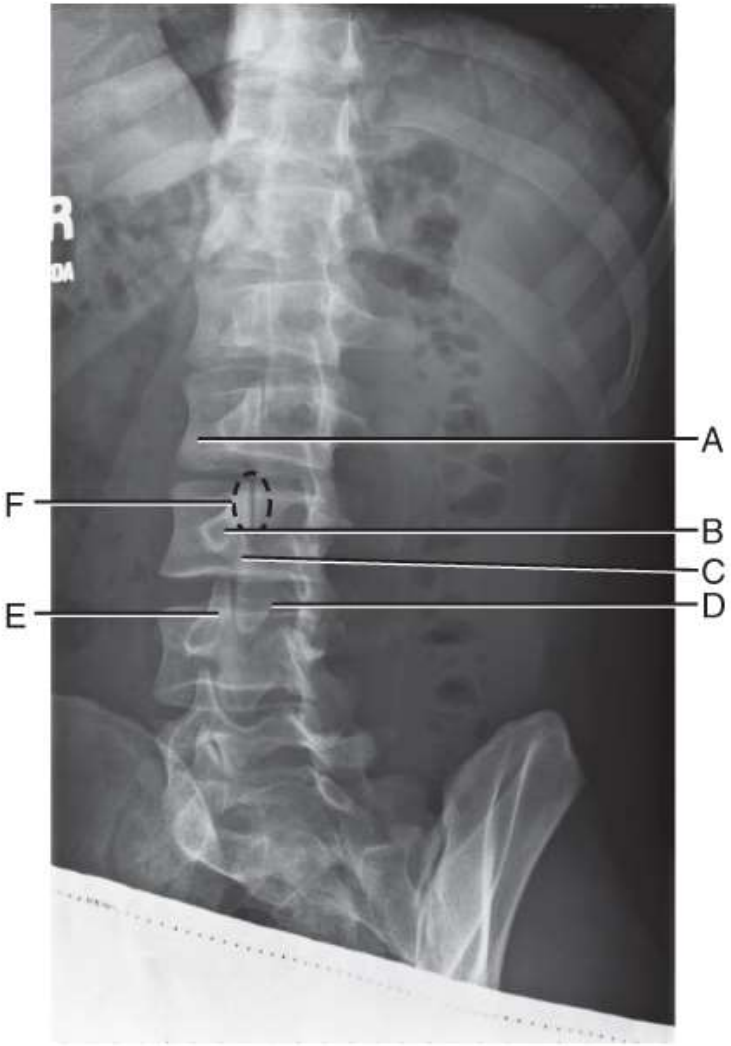




Copyright © 2010 by Mosby, Inc., an affiliate of Elsevier Inc.

"Scottie Dog"


F. Zygapophyseal joint
E. Superior articular process (ear)
A. Transverse process (nose)
B. Pedicle (eye)
C. Pars interarticularis (neck)
D. Inferior articular process (leg)


A
F
B
C
E
D

AP Oblique Projection RPO and LPO

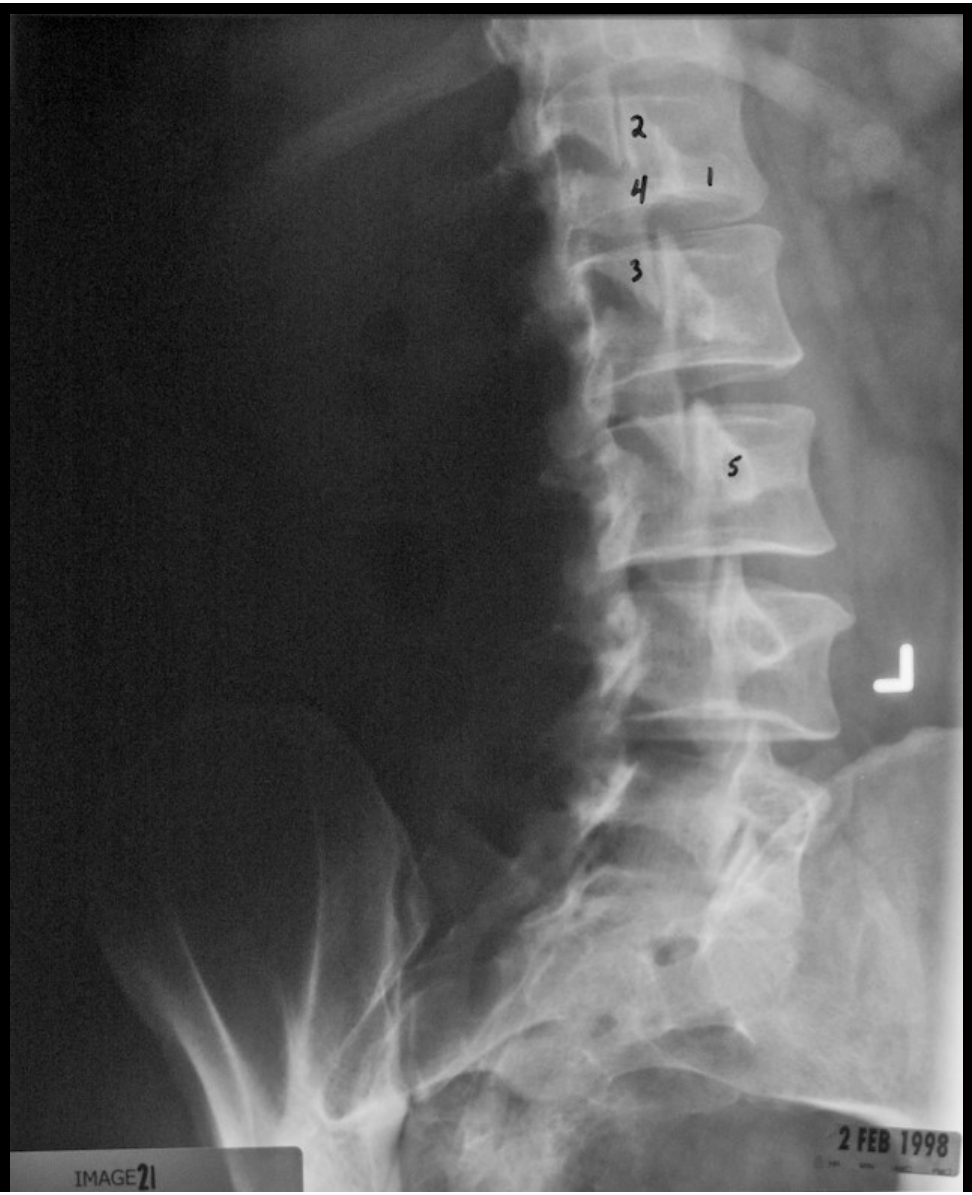
- The resulting image shows an oblique projection of the lumbar spine, demonstrating the articular processes of the *closest to the IR*
- Properly positioned, the images of the vertebrae have a scottie dog appearance.

PA Oblique Projection RAO and LAO

- The resulting image shows an oblique projection of the side *farther from the IR*

Lumbar Obliques

PROJECTION	POSITION-DEGREES	STRUCTURES SHOWN
• AP Obliques	• LPO 45 deg	• L: z joint (joints down) • R: z joint (joints down)
• PA Obliques	• RPO 45 deg	• R: z joint (joints up) • L: z joint (joints up)
	• LAO 45 deg	
	• RAO 45 deg	


2
4
1
3
5
2 FEB 1998
IMAGE 21





Copyright © 2011, 2006 by Saunders, an imprint of Elsevier Inc.

Copyright Information

- This learning material is property of Anderson College.
- Any sharing, reproduction or use of this information or material other than educational purposes at Anderson College is prohibited.