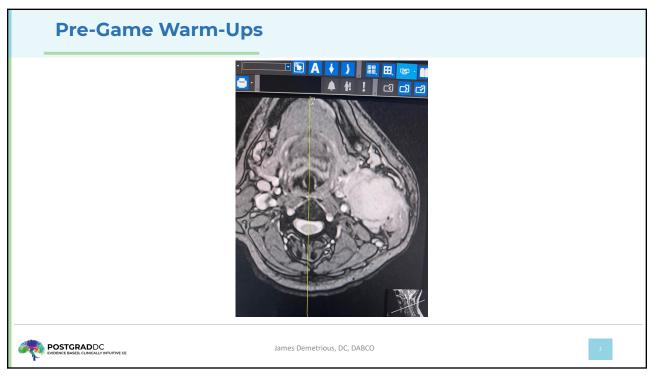


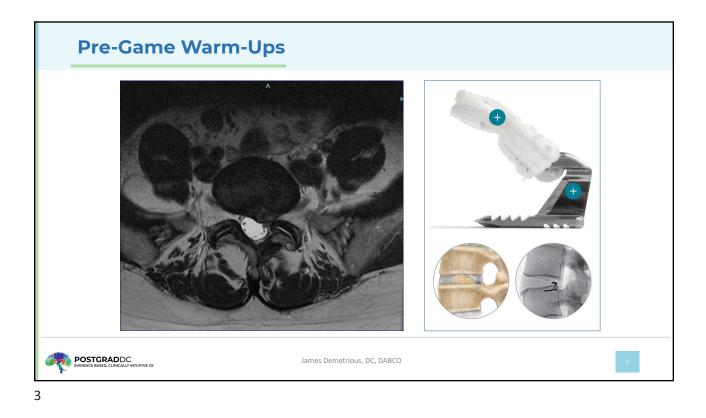
Grand Rounds: Pre-Game Warm-Up - Modic Changes

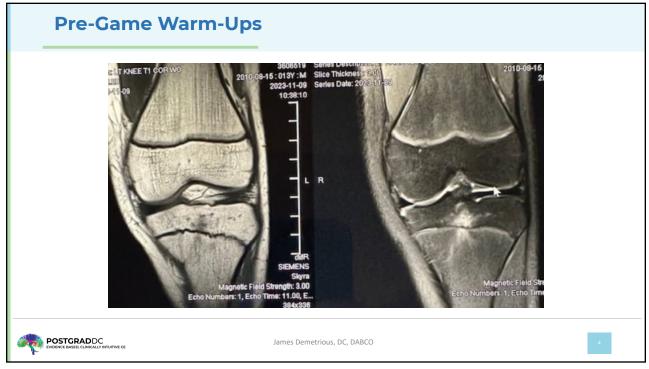
James Demetrious, DC, DABCO

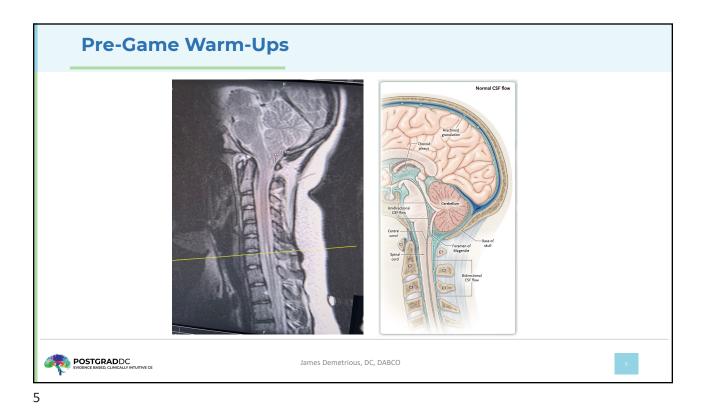
Diplomate, American Board of Chiropractic Orthopedists

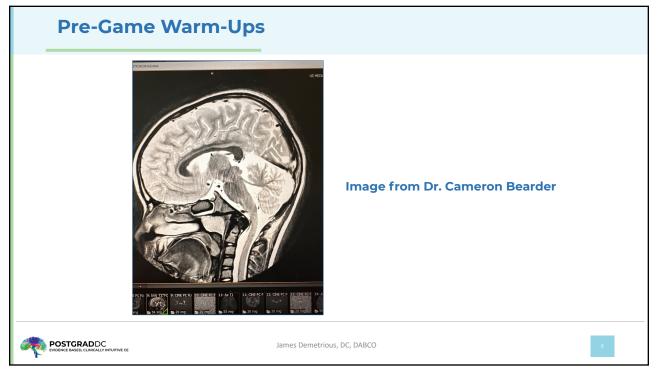
www.PostGradDC.com

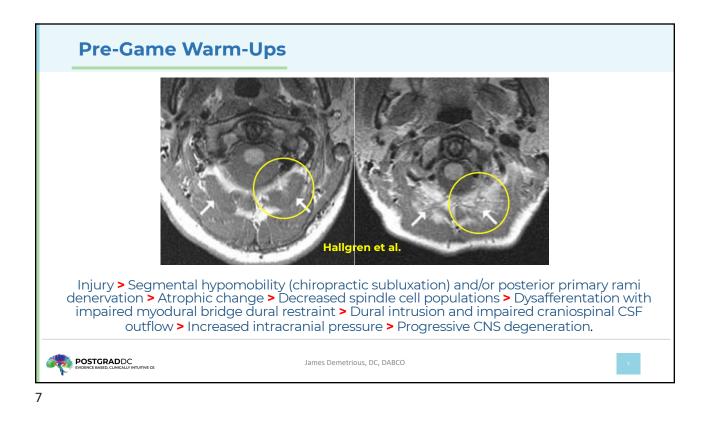




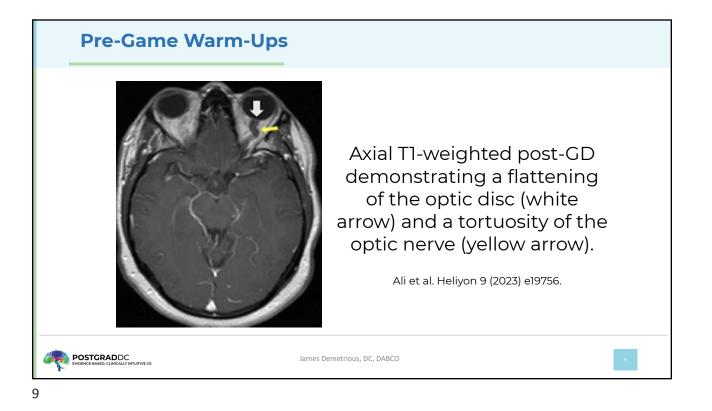


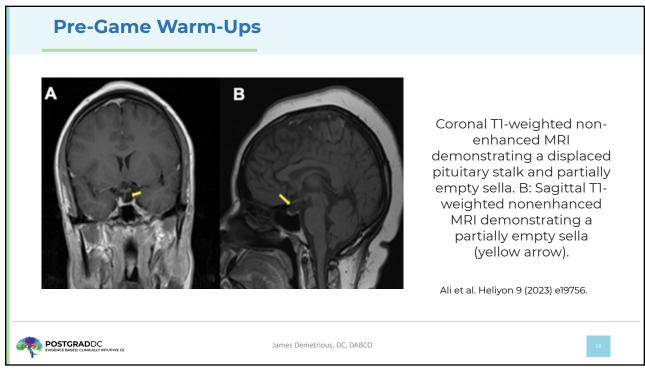


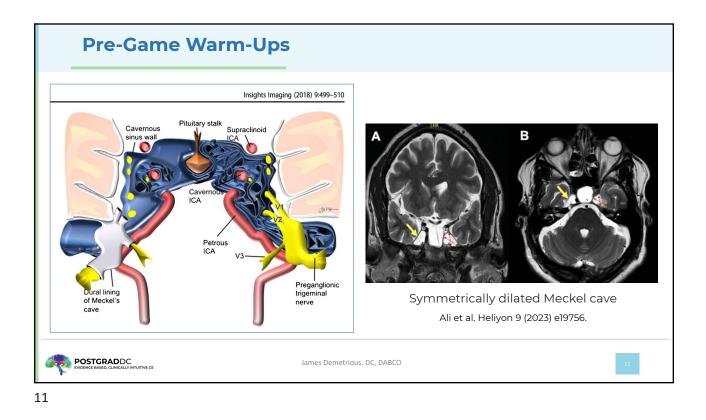


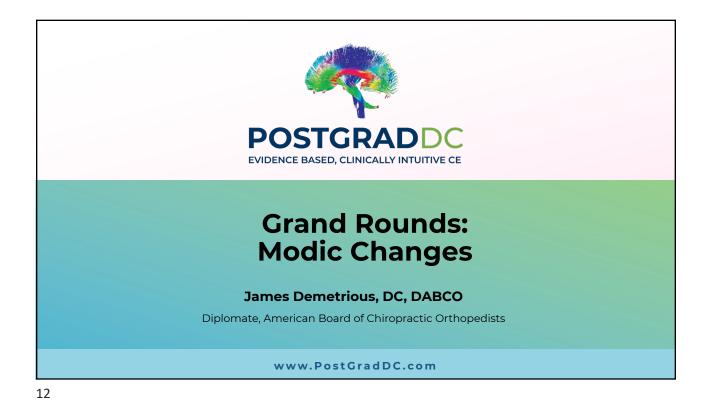


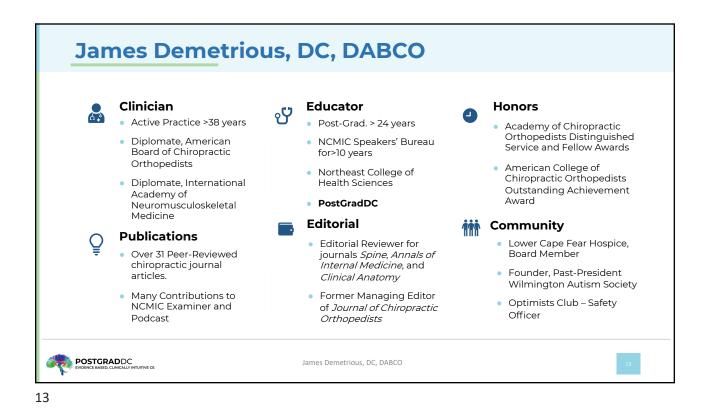


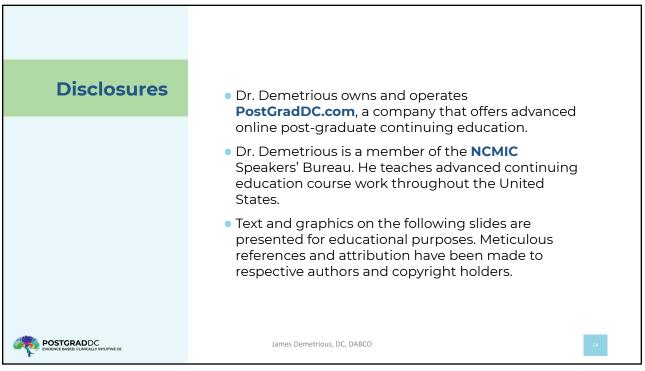


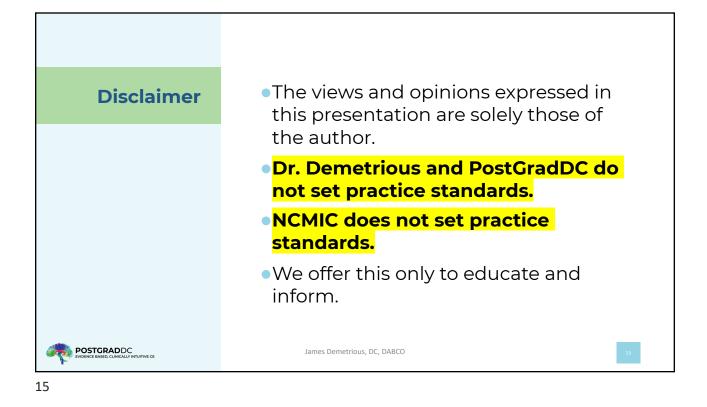


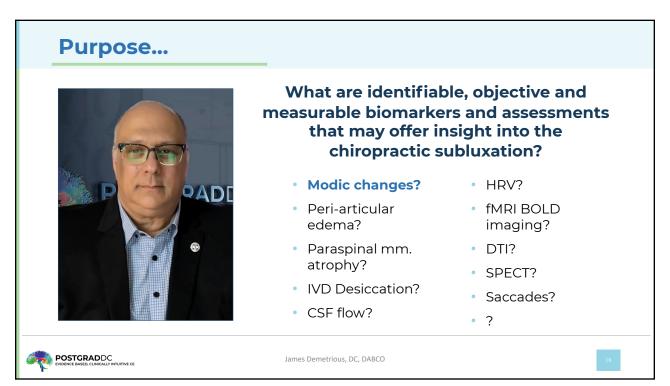


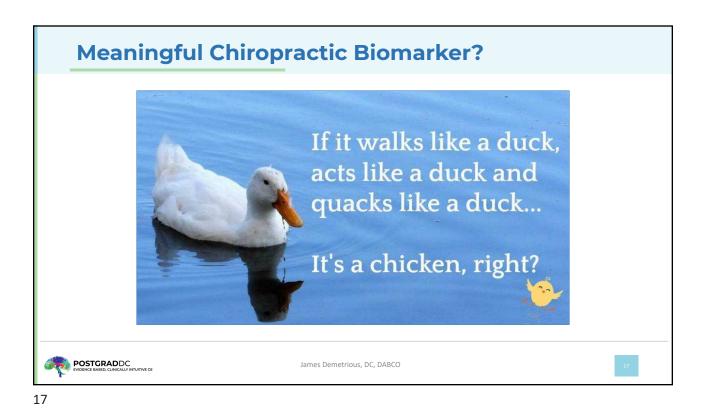






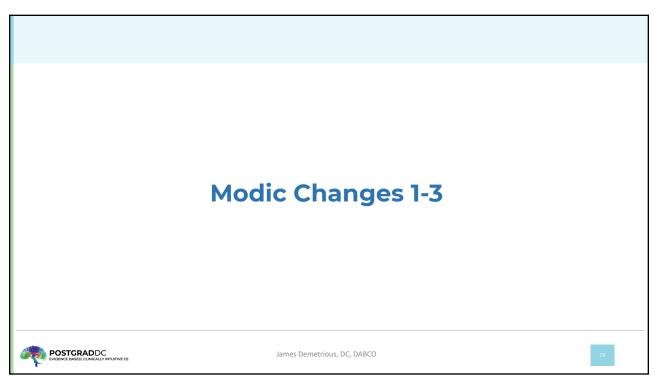


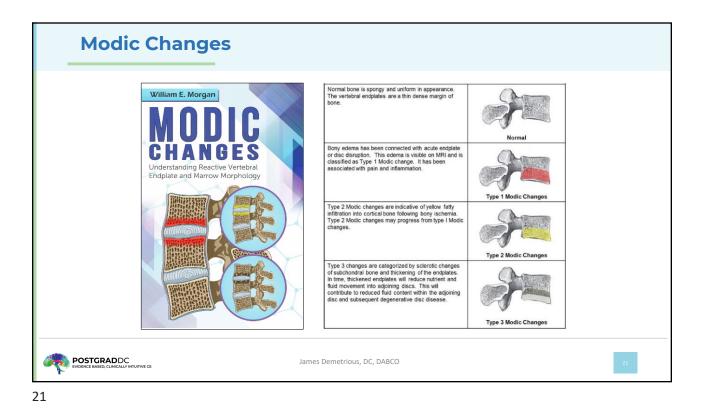


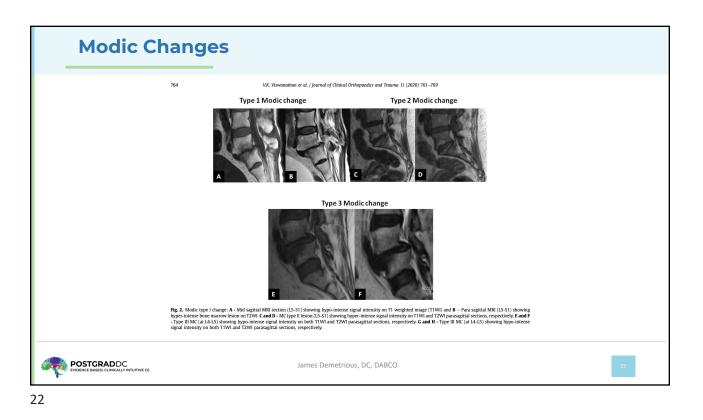


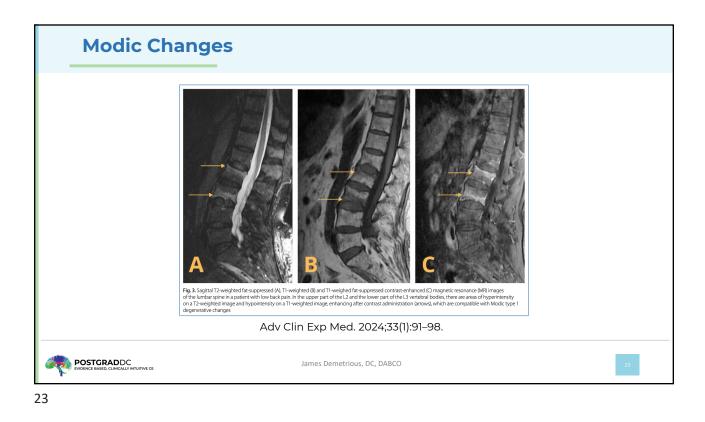
Syllabus
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Modic Symptomatic or Asymptomatic?
Basivertebral nerve ablation (BVNA)?
Chiropractic care?
Viable biomoarker?

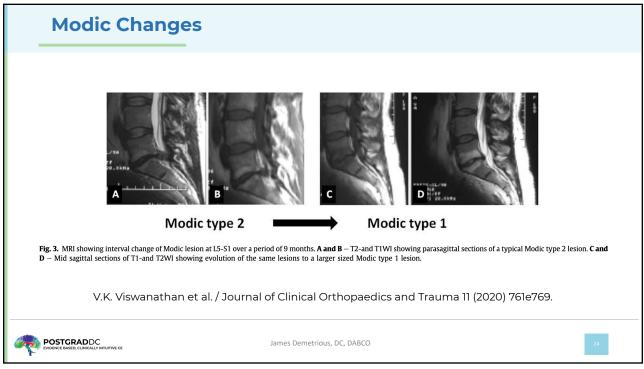
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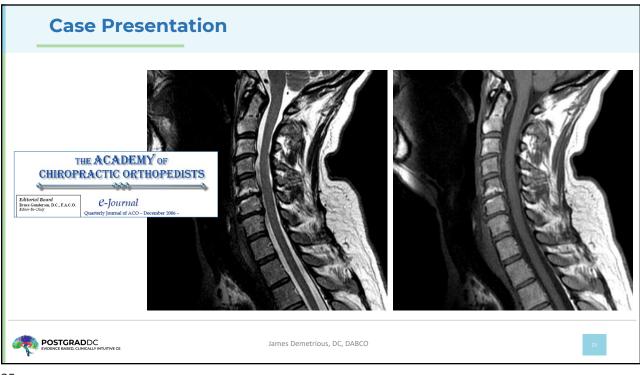


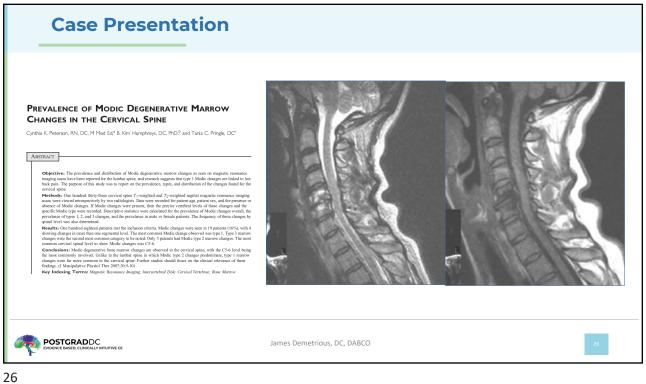




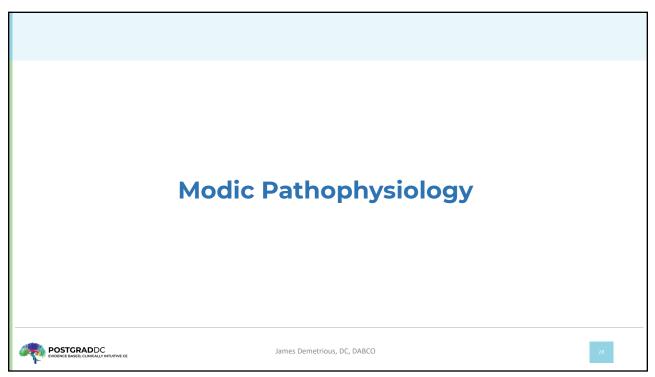


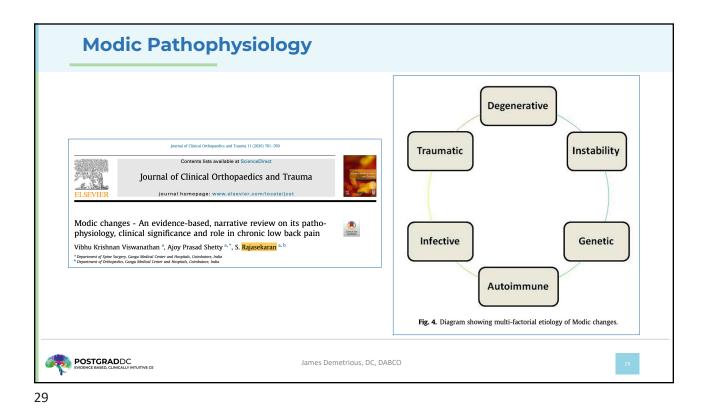


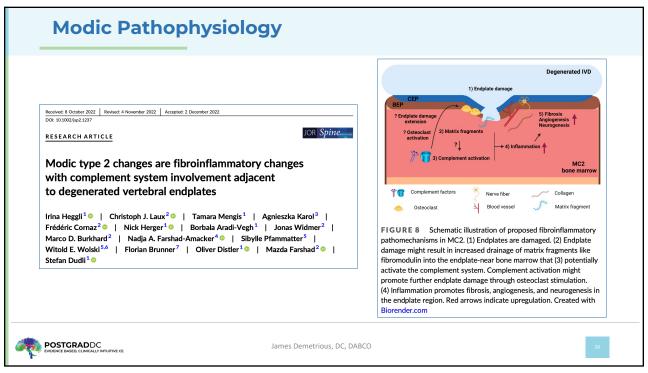


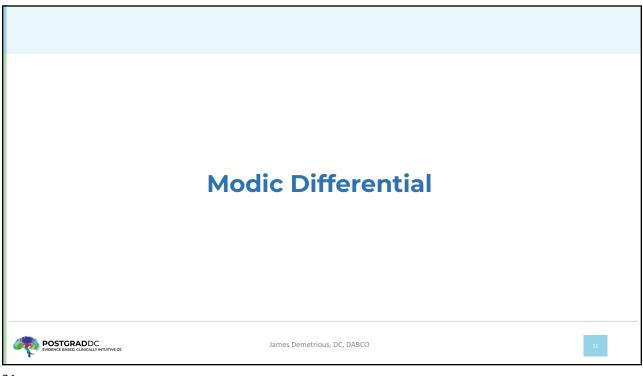


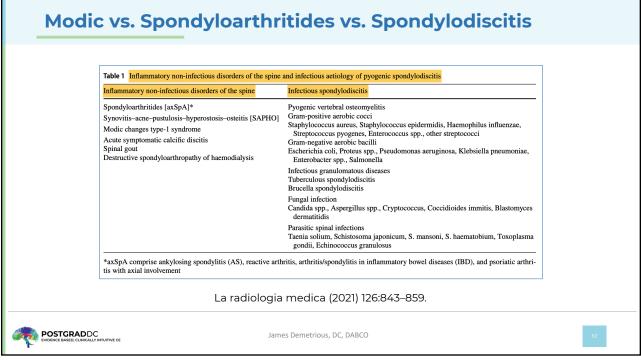
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Journal of Manipulative and Physiological Therapeutics Peterson et al Volume 30, Number 1 Prevalence of Modic Degenerative Marrow	
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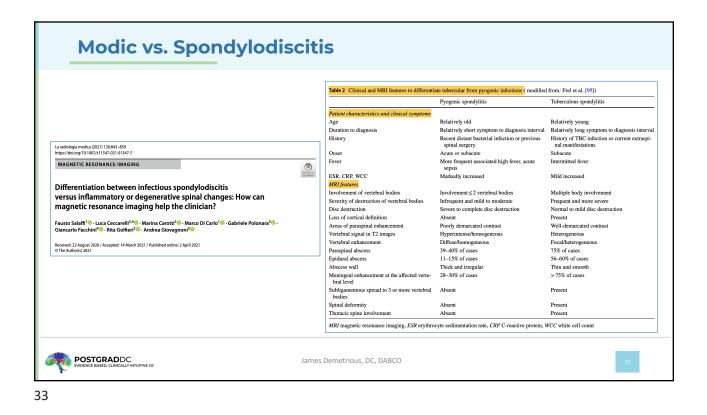




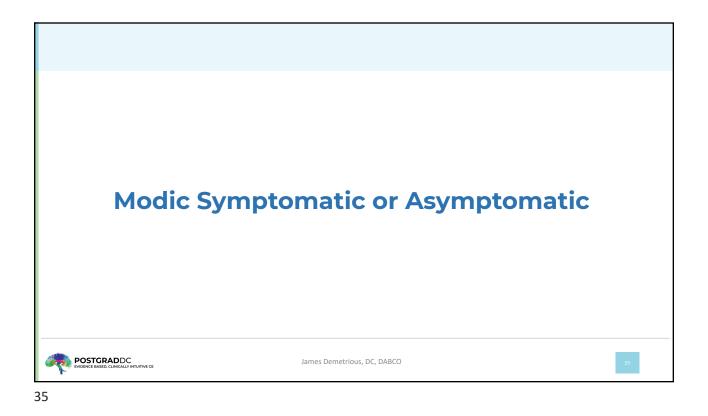


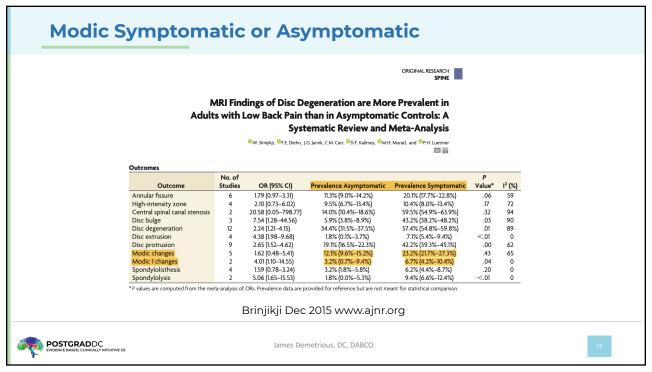


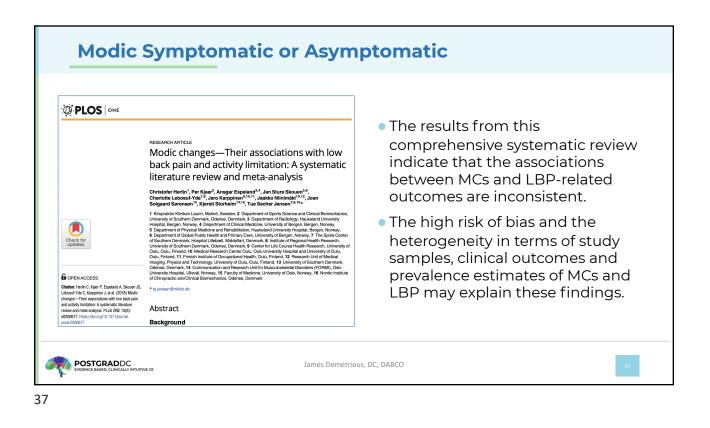


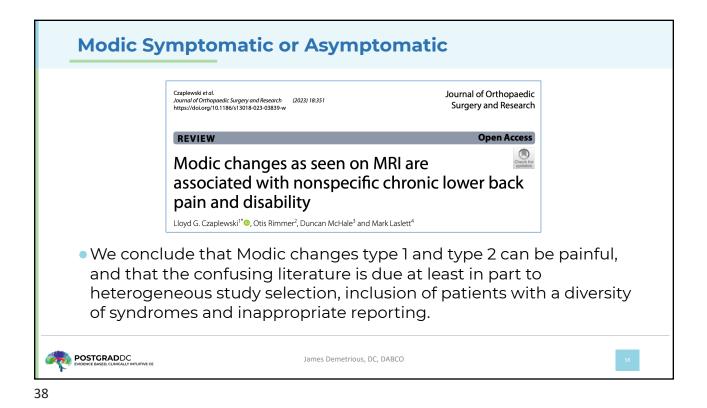




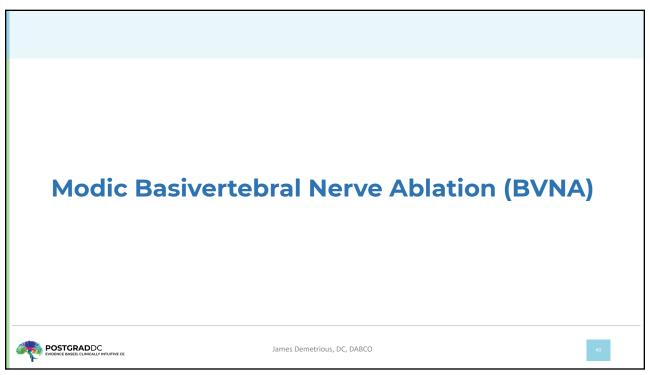




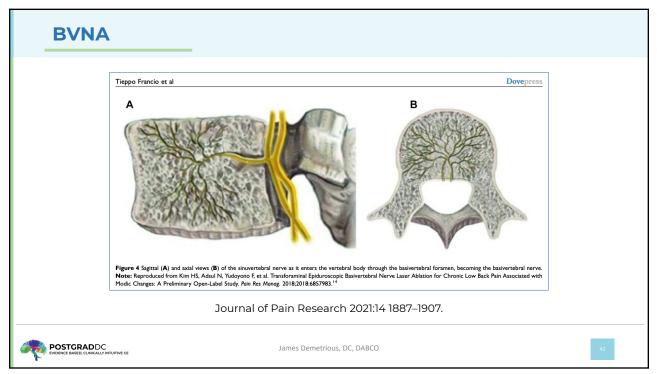




	Review Article		
	Modic Changes of the Cervical and Lumbar Spine and Their Effect on Neck and Back Pain: A Systematic Review and Meta-Analysis	Global Spine Journal 2023, Vol. 11(5): 1405-1417 © The Author(2) 2022 Arada reuse guidelines: asgeubs.com/documals-permissions DOI: 10.1177/219256/2221 (+3332 [Oranda.supeduc.com/homelige] Sage	
	Mark J. Lambrechts, MD ¹ , Tariq Z. Issa, BA ¹ , Gregory R. Toci, Ml Meghan Schilken, MS ² , Jose A. Canseco, MD, PhD ¹ , Alan S. Hilibran Gregory D. Schroeder, MD ¹ , Alexander R. Vaccaro, MD, MBA, PhD ¹ , Christopher K. Kepler, MD, MBA ¹	d, MD ¹ [©] , and	
	s in the lumbar spine are not associated with c erity or patient disability.	clinically significa	nt axial low
Similar to the	lumbar spine, Modic changes in the cervical sp	ine are not assoc	iated with



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	A B C Image: Comparison of the state of	
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EVIDENCE BASED, CLINICALLY INTUITIVE CE	James Demetrious, DC, DABCO	43

