



Dual-Energy X-ray Absorptometry Studies

Updated: April 2018

	Date	Body Comp	Bone Mineral Density	% Body Fat	Trabecular Bone Score	Fracture Risk	Atypical Femoral Fracture (AFF)	Sarcopenia	Human performance/Athletics	Obesity	Metabolic disease/Visceral Fat	Abdominal aortic calcification	Reimbursement	Cost Effectiveness	Pediatric	Hip Structure Analysis	Precision	Osteoporosis
Sarcopenia: European consensus on definition and diagnosis: Report of the European Working Group on Sarcopenia in Older People Alfonso J. Cruz-Jentoft, Jean Pierre Baeyens, Jürgen M. Bauer, Yves Boirie, Tommy Cederholm, Francesco Landi, Finbarr C. Martin, Jean-Pierre Michel, Yves Rolland, Stéphane M. Schneider, Eva Topinková, Maurits Vandewoude, Mauro Zamboni Age Ageing. 2010 Jul;39(4):412-23. doi: 10.1093/ageing/afq034. Epub 2010 Apr 13.	Apr-10	X						X										
PSA and body composition by dual X-ray absorptiometry (DXA) in NHANES. Jay H. Fowke and Charles E. Matthews. Prostate. 2010 Feb 1;70(2):120-5. doi: 10.1002/pros.21039	Feb-10	X								X								
Body Composition in Athletes: Assessment and Estimated Fatness Malina RA - Clinics in Sports Medicine, Volume 26, Issue 1, January 2007, Pages 37-68 *Key Point: Provides an overview of models and methods used for studying body composition, changes in body composition during adolescence and the transition into adulthood, and applications to adolescent and young adult athletes.	Jan-07	X	X	X														
Modeling elite male athletes' peripheral bone mass, assessed using regional dual x-ray absorptiometry Nevill AM, R.L. Holder, A.D. Stewart - Bone, Volume 32, Issue 1, January 2003, Pages 62-68 *Key Point: The results from this study suggest that the bone mass acquisition of elite athletes' arms and legs increases in proportion to the projected bone area, having simultaneously controlled/removed the effect of the confounding variables of body mass and body fat.	Jan-03	X	X	X														

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