

Curriculum Content Report - Osteoporosis

Search terms: **Osteoporosis – 1, Osteogenesis – 3, Bone – 29** (2018-2019 database)

Developed by: David Johnson; Date Prepared: 7/7/19; Date Delivered: 7/16/19

Color Coded Searches: **New Innovations**, **PDFs**, **Dr. Olive**

Year 1		
Course	Key words	Content
Anatomy Embryology	osteogenesis	Embryology: Musculoskeletal Development
	Bone	Rehabilitation of the Upper Extremity
	Bone	Joints of the Upper Extremity
	Bone	Joints of the Upper Extremity and Lab
	Bone	Gluteal Region, Posterior thigh and Popliteal Fossa; LAB
CMM	osteogenesis	Structural Proteins
	Bone	Muscle Proteins
	Bone	Lipid Catabolism
	Bone	Insulin & Glucagon
	Bone	Integration of Metabolism
PHYS	Bone	Glucagon and Diabetes, Pancreas and Insulin
	Bone	Parathyroid Hormone and Calcium/Vitamin D and Thyrocalcitonin
	Bone	CV & Respiratory Integration: Exercise
	Bone	Skeletal Muscle I and II
	Bone	Smooth Muscle
	Bone	Immune Cells and Tissues
	Bone- 71 hits Osteogenesis - 0	
	Osteoporosis PDF notes search	Estrogen increases bone mass
	Osteoporosis PDF notes search - 2	Early menopause & hip fractures
	Osteoporosis PDF notes search	postmenopausal women
Cell & Tissue	Bone	Cartilage & Bone
	Bone	Connective Tissue

Year 2		
IMM	Bone	Immune Cells and Tissues
Pathology	Osteoporosis Osteogenesis Bone	Bone Bone Thyroid and Parathyroid •Bone physiology – osteoclasts, osteoblasts, RANK ligand •Osteogenesis imperfecta- genetics, clinical findings •Osteoporosis – risk factors, primary, secondary Question Bank
	Osteoporosis PDF notes and PowerPoints - 19 hits	
	Osteogenesis PDF notes and PowerPoints - 9 hits	
	Bone(s) – 222 hits	
	Dr. Olive	
Pharmacology	Dr. Olive	•Osteoporosis as adverse effect of drugs ?Drugs for osteoporosis
Year 3		
OB/GYN clerkship	Dr. Olive	•Effect of estrogens on bone density •bone density screening
Family Medicine clerkship	Dr. Olive	Osteoporosis addressed in two Acquirer cases

New Innovations Search Results 7/2/2019 using the 2018-2019 database

Osteoporosis -1

MS B3a8 **osteoporosis**

Basic

(Year 2)

PATH Bone

Osteogenesis – 3

MS B5g **osteogenesis** imperfecta

Basic

(Year 1)

CMM Structural Proteins

MS B5g **osteogenesis** imperfecta

Basic

(Year 2)

PATH Bone

MS B5g **osteogenesis** imperfecta

Basic

(Year 1)

ANTY Embryology: Musculoskeletal Development

BONE -29

EN B3c metabolic **bone** disease

Basic

(Year 2)

PATH Thyroid and Parathyroid

MS A3a biology of **bones**, joints, tendons, skeletal muscle, cartilage exercise and physical conditioning/deconditioning

Basic

(Year 1)

PHYS Smooth Muscle

MS A3a biology of **bones**, joints, tendons, skeletal muscle, cartilage exercise and physical conditioning/deconditioning

Basic

(Year 1)

ANTY Rehabilitation of the Upper Extremity
MS A3a biology of **bones**, joints, tendons, skeletal muscle, cartilage exercise and physical conditioning/deconditioning
Basic
(Year 1)
CT Connective Tissue
MS A3a biology of **bones**, joints, tendons, skeletal muscle, cartilage exercise and physical conditioning/deconditioning
Basic
(Year 1)
PHYS Glucagon and Diabetes, Pancreas and Insulin
MS A3a biology of **bones**, joints, tendons, skeletal muscle, cartilage exercise and physical conditioning/deconditioning
Advanced
(Year 1)
PHYS CV & Respiratory Integration: Exercise
MS A3a biology of **bones**, joints, tendons, skeletal muscle, cartilage exercise and physical conditioning/deconditioning
Intermediate
(Year 2)
IMM Immune Cells and Tissues
MS A3a biology of **bones**, joints, tendons, skeletal muscle, cartilage exercise and physical conditioning/deconditioning
Basic
(Year 1)
CMM Insulin & Glucagon
MS A3a biology of **bones**, joints, tendons, skeletal muscle, cartilage exercise and physical conditioning/deconditioning
Basic
(Year 1)
PHYS Skeletal Muscle I
MS A3a biology of **bones**, joints, tendons, skeletal muscle, cartilage exercise and physical conditioning/deconditioning
Basic
(Year 1)
CT Muscle
MS A3a biology of **bones**, joints, tendons, skeletal muscle, cartilage exercise and physical conditioning/deconditioning
Basic
(Year 1)
CMM Glycogen Metabolism
MS A3a biology of **bones**, joints, tendons, skeletal muscle, cartilage exercise and physical conditioning/deconditioning
Basic
(Year 1)
ANTY Joints of the Upper Extremity and Lab
MS A3a biology of **bones**, joints, tendons, skeletal muscle, cartilage exercise and physical conditioning/deconditioning
Basic
(Year 1)
CT Muscle, Connective Tissue, Cartilage & Bone Lab
MS A3a biology of **bones**, joints, tendons, skeletal muscle, cartilage exercise and physical conditioning/deconditioning
Basic
(Year 1)
ANTY Embryology: Musculoskeletal Development
MS A3a biology of **bones**, joints, tendons, skeletal muscle, cartilage exercise and physical conditioning/deconditioning
Basic
(Year 1)
ANTY Joints of the Upper Extremity
MS A3a biology of **bones**, joints, tendons, skeletal muscle, cartilage exercise and physical conditioning/deconditioning
Basic
(Year 1)

PHYS Parathyroid Hormone and Calcium/Vitamin D and Thyrocalcitonin
MS A3a biology of **bones**, joints, tendons, skeletal muscle, cartilage exercise and physical conditioning/deconditioning
Basic
(Year 1)
CT Cartilage & Bone
MS A3a biology of **bones**, joints, tendons, skeletal muscle, cartilage exercise and physical conditioning/deconditioning
Basic
(Year 1)
CMM Muscle Proteins
MS A3a biology of **bones**, joints, tendons, skeletal muscle, cartilage exercise and physical conditioning/deconditioning
Basic
(Year 1)
CMM Integration of Metabolism
MS A3a biology of **bones**, joints, tendons, skeletal muscle, cartilage exercise and physical conditioning/deconditioning
Basic
(Year 1)
CMM Lipid Catabolism
MS A3a biology of **bones**, joints, tendons, skeletal muscle, cartilage exercise and physical conditioning/deconditioning
Basic
(Year 1)
PHYS Skeletal Muscle II
MS A3a biology of **bones**, joints, tendons, skeletal muscle, cartilage exercise and physical conditioning/deconditioning
Basic
(Year 1)
CMM Structural Proteins
MS B2b malignant neoplasms of **bone** (eg, osteosarcoma, sarcoma, leiomyosarcoma, rhabdosarcoma)
Basic
(Year 2)
PATH Bone
MS B2c metastases to **bone**, secondary malignant neoplasm of **bone**
Basic
(Year 2)
PATH Bone
MS B3a degenerative/metabolic disorders of **bone**, tendon, and cartilage
Basic
(Year 1)
PHYS Parathyroid Hormone and Calcium/Vitamin D and Thyrocalcitonin
MS B3a degenerative/metabolic disorders of **bone**, tendon, and cartilage
Basic
(Year 2)
PATH Bone
MS B3a10 osteitis deformans (Paget disease of **bone**)
Basic
(Year 2)
PATH Bone
MS B3a7 osteonecrosis (avascular), **bone** infarct
Basic
(Year 1)
ANTY Gluteal Region, Posterior thigh and Popliteal Fossa; LAB
MS B3a7 osteonecrosis (avascular), **bone** infarct
Basic
(Year 2)
PATH Bone