



# *ABOS General Orthopaedic Surgery Recertification Examination Blueprint*

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<b>General Principles</b>	<b>2-8%</b>
Biostatistics/epidemiology	0-2%
Legal/ethical	1-3%
Basic Science Principles	1-3%
<b>Spine</b>	<b>3-9%</b>
Cervical	1-3%
Thoracolumbar	2-4%
Nonspecific site	0-2%
<b>Upper Extremities</b>	<b>11-64%</b>
Clavicle/AC/SC joint	1-3%
Scapula	0-2%
Shoulder joint	4-12%
Humerus	2-8%
Elbow joint	1-9%
Radius/ulna (fracture)	2-14%
Wrist joint	0-8%
Hand	0-6%
<b>Lower Extremities</b>	<b>15-66%</b>
Hip joint	3-11%
Femur fractures	2-9%
Knee joint	5-17%
Pediatric knee injuries (bony and ligamentous)	0-2%
Tibia/fibula fractures	1-7%
Ankle joint	3-11%
Foot	1-9%
<b>Multiple Sites</b>	<b>1-13%</b>
Multiple trauma	0-2%
Compartment syndrome	0-2%
Complications following surgical procedures	1-3%
Medical aspects of sports medicine	0-2%
Inflammatory disease	0-2%
Metabolic bone disease/osteoporosis	0-2%
<b>Outcome Management</b>	<b>2-4%</b>
Infection and medical optimization	2-4%
<b>Neoplasms</b>	<b>0-6%</b>
Benign	0-2%
Malignant	0-4%

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<b>General Principles</b>	<b>2-8%</b>
<b>Biostatistics/epidemiology</b>	<b>0-2%</b>
<ul style="list-style-type: none"><li>• Interpretation of epidemiologic information</li><li>• Study design and interpretation</li><li>• Hypothesis testing and statistical interference</li></ul>	
<b>Legal/ethical</b>	<b>1-3%</b>
<b>Basic Science Principles</b>	<b>1-3%</b>
<ul style="list-style-type: none"><li>• Biology</li><li>• Biomechanics</li></ul>	

<b>Spine</b>	<b>3-9%</b>
<b>Cervical</b>	<b>1-3%</b>
<ul style="list-style-type: none"><li>• Fracture/dislocations/instability</li><li>• Herniated nucleus pulposus</li><li>• Arthritis</li></ul>	
<b>Thoracolumbar</b>	<b>2-4%</b>
<ul style="list-style-type: none"><li>• Fracture/dislocations/instability</li><li>• Herniated nucleus pulposus</li><li>• Arthritis</li></ul>	
<b>Nonspecific site</b>	<b>0-2%</b>
<ul style="list-style-type: none"><li>• Infection</li><li>• Scoliosis not otherwise classified</li></ul>	

<b>Upper Extremities</b>	<b>11-64%</b>
<b>Clavicle/AC/SC joint</b>	<b>1-3%</b>
<b>Scapula</b>	<b>0-2%</b>
<b>Shoulder joint</b>	<b>4-12%</b>
• Dislocations/Instability	1-3%
• Arthritis	1-3%
• Muscle/tendon/ adhesive capsulitis	2-4%
• Osteonecrosis, nerve injury/compression, infection	0-2%
<b>Humerus (fracture)</b>	<b>2-8%</b>
• Proximal	1-3%
• Shaft	0-2%
• Distal	
• Pediatric	1-2%
• Adult	0-1%
<b>Elbow joint</b>	<b>1-9%</b>
• Dislocations/Instability	0-2%
• Arthritis	0-2%
• Muscle/tendon/ligament/tendinitis	1-3%
• Osteochondritis, nerve injury/compression	0-2%
<b>Radius/ulna (fracture)</b>	<b>2-14%</b>
• Proximal	
• Pediatric	0-2%
• Adult	0-2%
• Shaft	
• Pediatric	1-3%
• Adult	0-2%
• Distal	
• Pediatric	0-2%
• Adult	1-3%

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*(continued)*

<b>Wrist joint</b>	<b>0-8%</b>
• Dislocations/Instability/fracture	0-2%
• Arthritis	0-2%
• Tendon/muscle	0-2%
• Nerve compression/injury	0-2%
<b>Hand</b>	<b>0-6%</b>
• Dislocations/Instability/fracture	0-2%
• Arthritis	0-2%
• Tendon/muscle/nerve compression/injury	0-2%
• Other (human bite, Dupuytren's, nail bed injuries, amputations, infection)	1-2%

<b>Lower Extremities</b>	<b>15-66%</b>
<b>Hip joint</b>	<b>3-11%</b>
• Dislocations/Fracture (pelvis, acetabular)	0-2%
• Arthritis/osteonecrosis	2-4%
• Other (bursitis, FAI, labrum, tendon/tear)	0-2%
• Pediatric hip (Infection, SCFE, DDH, Perthes)	1-3%
<b>Femur fractures</b>	<b>2-9%</b>
• Proximal (neck, peritrochanteric, subtrochanteric)	2-3%
• Shaft	0-2%
• Distal	0-2%
• Periprosthetic	0-2%
<b>Knee joint</b>	<b>5-17%</b>
• Instability/ligamentous injury	1-3%
• Dislocations	0-2%
• Arthritis/osteonecrosis	3-5%
• Tendon/muscle	0-2%
• Cartilage/meniscal	0-2%
• Patellofemoral (dislocations/instability/fracture)	1-3%
<b>Pediatric knee injuries (bony and ligamentous)</b>	<b>0-2%</b>
<b>Tibia/fibula fractures</b>	<b>1-7%</b>
• Proximal	1-3%
• Shaft (includes stress)	0-2%
• Distal	0-2%
<b>Ankle joint</b>	<b>3-11%</b>
• Fractures/dislocations (malleolar, pilon)	2-4%
• Instability/sprains	0-2%
• Arthritis/OCD	0-2%
• Tendon/muscle	1-3%

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<b>Foot</b>	<b>1-9%</b>
• Hindfoot/midfoot/forefoot fracture/dislocations	1-3%
• Neuropathic foot (inc diabetes and infection)	0-2%
• Forefoot pathology (eg, hallux valgus, hallux rigidus, hammertoe, Morton's neuroma)"	0-2%
• Other/multiple sites (eg, puncture wounds, plantar fasciitis)	0-2%



<b>Multiple Sites</b>	<b>1-13%</b>
<b>Multiple trauma</b> (Blood loss, pneumothorax)	<b>0-2%</b>
<b>Compartment syndrome</b> (upper and lower, exertional)	<b>0-2%</b>
<b>Complications following surgical procedures</b> (includes deep vein thrombosis, PE, fat emboli)	<b>1-3%</b>
<b>Medical aspects of sports medicine</b> (including concussion, asthma, sudden cardiac death, environmental exposure)	<b>0-2%</b>
<b>Inflammatory disease</b> (including Lyme, gout, septic arthritis, JRA)	<b>0-2%</b>
<b>Metabolic bone disease/osteoporosis</b>	<b>0-2%</b>

<b>Outcome Management</b>	<b>2-4%</b>
<b>Infection and medical optimization</b> , including nutrition, smoking cessation, glucose management/diabetes, weight loss, MRSA screening, multimodal/opioid pain management, prehabilitation, inflammatory arthritis evaluation and management	<b>2-4%</b>

<b>Neoplasms</b>	<b>0-6%</b>
<b>Benign</b>	<b>0-2%</b>
<b>Malignant</b>	<b>0-4%</b>
• Primary	0-2%
• Metastatic	0-2%