BLUEPRINT



Table of Contents

General Principles	5.5%
Biostatistics/epidemiology	1.0%
Legal/ethical	2.5%
Basic Science Principles	2.0%
Spine	6.0%
Cervical	2.0%
Thoracolumbar	3.0%
Nonspecific site	1.0%
Upper Extremities	36.0%
Clavicle/AC/SC joint	2.0%
Scapula	1.0%
Shoulder joint	8.0%
Humerus	5.5%
Elbow joint	5.0%
Radius/ulna (fracture)	8.0%
Wrist joint	3.0%
Hand	3.5%
Lower Extremities	38.5%
Hip joint	7.0%
Femur fractures	5.5%
Knee joint	11.0%
Pediatric knee injuries (bony and ligamentous)	1.0%
Tibia/fibula fractures	3.5%
Ankle joint	5.5%
Foot	5.0%
Multiple Sites	8.0%
Multiple trauma	1.0%
Compartment syndrome	1.0%
Complications following surgical procedures	2.5%
Medical aspects of sports medicine	1.5%
Inflammatory disease	1.0%
Metabolic bone disease/osteoporosis	1.0%
Outcome Management	3.5%
Infection and medical optimization	3.5%
Neoplasms	2.5%
Benign	1.0%
	1.5%
Malignant	

General Principles	5.5%
Biostatistics/epidemiology	1.0%
Interpretation of epidemiologic information	
Study design and interpretation	
<ul> <li>Hypothesis testing and statistical interference</li> </ul>	
Legal/ethical	2.5%
Basic Science Principles	2.0%

- · Biology
- Biomechanics

Spine	6.0%
Cervical	2.0%
Fracture/dislocations/instability	
Herniated nucleus pulposus	
· Arthritis	
Thoracolumbar	3.0%
Fracture/dislocations/instability	
Herniated nucleus pulposus	
· Arthritis	
Nonspecific site	1.0%

- Infection
- Scoliosis not otherwise classified

Upper Extremities	36.0%
Clavicle/AC/SC joint	2.0%
Scapula	1.0%
Shoulder joint	8.0%
Dislocations/Instability	2.0%
· Arthritis	2.0%
<ul> <li>Muscle/tendon/ adhesive capsulitis</li> </ul>	3.0%
<ul> <li>Osteonecrosis, nerve injury/compression, infection</li> </ul>	1.0%
Humerus (fracture)	5.5%
· Proximal	2.0%
• Shaft	1.0%
• Distal	
· Pediatric	1.5%
· Adult	1.0%
Elbow joint	5.0%
· Dislocations/Instability	1.0%
· Arthritis	1.0%
<ul> <li>Muscle/tendon/ligament/tendinitis</li> </ul>	2.0%
<ul> <li>Osteochondritis, nerve injury/compression</li> </ul>	1.0%
Radius/ulna (fracture)	8.0%
· Proximal	
• Pediatric	1.0%
· Adult	1.0%
• Shaft	
• Pediatric	2.0%
· Adult	1.0%
• Distal	
• Pediatric	1.0%
· Adult	2.0%

Wrist joint	3.0%
· Dislocations/Instability/fracture	1.0%
· Arthritis	0.5%
· Tendon/muscle	0.5%
Nerve compression/injury	1.0%
Hand	3.5%
· Dislocations/Instability/fracture	1.0%
· Arthritis	0.5%
Tendon/muscle/nerve compression/injury	0.5%
· Other (human bite, Dupuytren's, nail bed injuries, amputations, infection)	1.5%

Lower Extremities	38.5%
Hip joint	7.0%
Dislocations/Fracture (pelvis, acetabular)	1.0%
· Arthritis/osteonecrosis	3.0%
· Other (bursitis, FAI, labrum, tendon/tear)	1.0%
<ul> <li>Pediatric hip (Infection, SCFE, DDH, Perthes)</li> </ul>	2.0%
Femur fractures	5.5%
· Proximal (neck, peritrochanteric, subtrochanteric)	2.5%
· Shaft	1.0%
· Distal	1.0%
· Periprosthetic	1.0%
Knee joint	11.0%
Instability/ligamentous injury	2.5%
· Dislocations	0.5%
· Arthritis/osteonecrosis	4.0%
· Tendon/muscle	1.0%
· Cartilage/meniscal	1.0%
<ul> <li>Patellofemoral (dislocations/instability/fracture)</li> </ul>	2.0%
Pediatric knee injuries (bony and ligamentous)	1.0%
Tibia/fibula fractures	3.5%
· Proximal	2.0%
Shaft (includes stress)	1.0%
· Distal	0.5%
Ankle joint	5.5%
· Fractures/dislocations (malleolar, pilon)	3.0%
· Instability/sprains	0.5%
· Arthritis/OCD	0.5%
• Tendon/muscle	1.5%

Foot	5.0%
<ul> <li>Hindfoot/midfoot/forefoot fracture/dislocations</li> </ul>	2.5%
<ul> <li>Neuropathic foot (inc diabetes and infection)</li> </ul>	1.0%
<ul> <li>Forefoot pathology (eg, hallux valgus, hallux rigidus, hammertoe, Morton's neuroma)"</li> </ul>	1.0%
Other/multiple sites (eg, puncture wounds, plantar fasciitis)	0.5%

Multiple Sites	8.0%
Multiple trauma (Blood loss, pneumothorax)	1.0%
Compartment syndrome (upper and lower, exertional)	1.0%
Complications following surgical procedures (includes deep vein thrombosis, PE, fat emboli)	2.5%
<b>Medical aspects of sports medicine</b> (including concussion, asthma, sudden cardiac death, environmental exposure)	1.5%
Inflammatory disease (including Lyme, gout, septic arthritis, JRA)	1.0%
Metabolic bone disease/osteoporosis	1.0%

Outcome Management	3.5%
Infection and medical optimization, including nutrition, smoking cessation, glucose management/diabetes, weight loss, MRSA screening, multimodal/opioid pain management, prehabilitation, inflammatory arthritis evaluation and management	3.5%

Neoplasms	2.5%
Benign	1.0%
Malignant	1.5%
· Primary	0.75%
Metastatic	0.75%