pathophysiology of degenerative arthritis of the hand  • Understands the pathophysiology of post-traumatic arthritis of the hand  • Describes the anatomy of the small joints of the hand and wrist  • Understands the pathophysiology of diagnostic joint imaging and laboratory studies  • Understands the pathophysiology of joint motion  pathophysiology and medical management of rheumatoid arthritis  • Understands the indications, principles, and anatomy of wrist ana	pathophysiology of degenerative arthritis of the hand rl  • Understands the	pathophysiology and medical management of heumatoid arthritis	and surgical treatment options for osteoarthritis	and surgical treatment	Publishes research findings on this topic in the
ar criticis	<ul> <li>hand</li> <li>Describes the anatomy of the small joints of the hand and wrist</li> <li>Understands indications for diagnostic joint imaging and laboratory studies</li> <li>Understands the biomechanical principles of joint motion</li> <li>Understands the non-operative treatment of</li> </ul>	pathophysiology and medical management of gout, pseudogout, and other inflammatory arthritides Understands the pathophysiology of degenerative arthritis of the wrist Understands the pathophysiology of post-traumatic arthritis of the	<ul> <li>indications, principles, and anatomy of wrist arthroscopy</li> <li>Understands the materials principles of synthetic implants, such as silicone, titanium, pyrocarbon</li> <li>Understands the pathophysiology of carpal instability</li> <li>Understands postoperative rehabilitation</li> </ul>	<ul> <li>arthritis</li> <li>Understands surgical treatment options for other inflammatory arthritides</li> <li>Understands surgical treatment options for advanced carpal instability (scapholunate advanced collapse [SLAC], scaphoid nonunion advanced collapse [SNAC])</li> <li>Understands principles of post-operative rehabilitation for rheumatoid arthritis (RA)</li> <li>Understands the long-term</li> </ul>	literature

and performs focused physical examination of patient with osteoarthritis of hand and/or wrist  Obtains focused physical examination of patient with post-traumatic arthritis  Prescribes nonoperative management of osteoarthritis and post-traumatic arthritis  and performs focused physical examination of patient with rheumatoid arthritis  and performs focused physical examination of patient with post-traumatic arthritis  and performs focused physical examination of patient with ulnar-sided wrist pain  and performs focused physical examination of patient with ulnar-sided wrist pain  and performs focused physical examination of patient with ulnar-sided wrist pain  Performs salvage procedures (proximal row carpectomy [PRC], total wrist fusion)  Performs rheumatoid synovectomies (joint and tendon)  Performs small joint fusions in the hand  Performs salvage procedures (proximal row carpectomy [PRC], total wrist fusion)  Performs rheumatoid synovectomies (joint and tendon)  **Obtains focused history and performs focused physical examination of patient with ulnar-sided wrist pain  Performs small joint fusions in the hand  Performs salvage procedures (proximal row carpectomy [PRC], total wrist fusion)  Performs rheumatoid synovectomies (joint and tendon)  **Obtains focused history and performs focused physical examination of patient with ulnar-sided wrist pain  Performs small joint fusions (e.g., mid-carpal fusions)  Performs small joint fusions (e.g., mid-carpal fusions)  Performs small joint fusions (e.g., mid-carpal fusions)  **Obtains focused history and performs focused physical examination of patient with ulnar-sided wrist pain  Performs small joint fusions (e.g., mid-carpal fusions)  Performs small joint and tendon)	evel 1	Level 2	Level 3	Level 4	Level 5
	physical examination of patient with osteoarthritis of hand and/or wrist. Obtains focused history and performs focused physical examination of patient with post-traumatic arthritis of hand and/or wrist. Prescribes non-operative management of osteoarthritis and post-traumatic arthritis. Performs joint	and performs focused physical examination of patient with rheumatoid arthritis  Obtains focused history and performs focused physical examination of patient with ulnar-sided wrist pain  Performs thumb carpometacarpal joint	<ul> <li>arthroscopy</li> <li>Performs small joint fusions in the hand</li> <li>Performs salvage procedures (proximal row carpectomy [PRC], total wrist fusion)</li> <li>Performs rheumatoid synovectomies (joint and</li> </ul>	<ul> <li>arthroscopy</li> <li>Manages complications of implant arthroplasty</li> <li>Performs limited carpal fusions (e.g., mid-carpal fusion)</li> <li>Performs small joint arthroplasty, including implant with or without</li> </ul>	