

## OTH48 Orthopedics Update

**Price:** \$580.00

**Register:** (866) 611-5599 or [www.AmericanSeminar.com](http://www.AmericanSeminar.com)

*\*Special Association accreditation may vary. See website.*

**Highlights from UCSF Arthroplasty for the Modern Surgeon: Hip, Knee and Health Innovation Technology in Sonoma - Michael Ries, MD, Stefano Bini, MD, William Barrett, MD, Chancellor F. Gray, MD and Thomas J. Blumenfeld, MD**

Select patients who may be candidates for bicruciate-retaining knee replacement; Summarize the advantages of kinematic vs mechanical alignment for knee replacements; List the expected benefits of cemented vs cementless knee replacements; Cite the goals and challenges of condition-based payment bundles; Compare the accuracy of magnetic resonance imaging vs radiography for detection of loosening after total hip arthroplasty.

OR 43 - 11

**Treatment of Osteoporosis - Tiffany Kim, MD and Anne Schafer, MD**

Apply the American Society for Bone and Mineral Research framework for recommending a drug holiday for patients with osteoporosis; Evaluate possible failure of drug treatment according to guidelines from the International Osteoporosis Foundation; Adhere to the approved dose and duration of treatment when prescribing parathyroid hormone (PTH) or PTH analogues for osteoporosis; Choose a suitable antiresorptive agent for concomitant use with a PTH analogue; Optimize sequencing of medications for osteoporosis to achieve maximum improvement in bone mineral density.

OR 43 - 13

**Highlights from UCSF Arthroplasty for the Modern Surgeon: Hip, Knee and Health Innovation Technology - Erik N. Hansen MD and Stefano Bini, MD**

List risks and benefits associated with the dual-mobility cup for hip joint replacement; Use the coefficient of variation of glucose to assess a patient after joint replacement; Plan a hip joint replacement using the anterior approach on a standard operating table; Recognize implications of recent developments in artificial intelligence technologies for orthopedic care; Use preferred perioperative medications and best practices when managing pain in patients undergoing orthopedic procedures.

OR 43 - 15

**Beyond Glucocorticoids: The Expanding List of Medications Associated with Osteoporosis - Nelson Watts, MD**

Choose appropriate measures to treat osteoporosis caused by drugs that reduce levels of sex hormones; Compensate for the limitations of the Fracture Risk Assessment Tool (FRAX) when assessing fracture risk in patients with diabetes; Prescribe appropriate doses of the oral GnRH antagonist elagolix for pain from endometriosis, considering its dose-dependent association with osteoporosis; Summarize the relative risk for osteoporosis presented by various classes of antidiabetic medications; Evaluate independent and drug-related causes of fracture in patients with epilepsy.

OR 43 - 12

**Gait Analysis /Leg-length Discrepancy/Therapeutic Exercise - Laura K. Jacks, MD, Joshua Meier, MD and John A. Nyland, EdD**

Apply gait analysis to diagnosis of gait disorders in pediatric patients; Identify the causes and long-term effects of leg-length discrepancy; Provide patients with effective options for treatment of moderate and large leg-length discrepancy; Recommend appropriate therapeutic exercises to reestablish normal range of motion in patients with sports injuries; Optimize hip movement to improve overall stability, strength, and agility of the lower extremities.

OR 43 - 14

**Highlights from the 2020 Kaiser Permanente Dale Daniel, MD Orthopaedic Symposium - Robert F. LaPrade, MD and Raymond B. Raven III, MD**

Perform anatomically based reconstruction in patients with multiligament injuries of the knee; Optimize postoperative rehabilitation after reconstruction for multiligament injury of the knee; Choose an optimal site for harvest of grafts when treating a multiligament injury of the knee; Elaborate on the pathophysiology and epidemiology of Dupuytren contracture; Weigh the advantages and disadvantages of treatments for Dupuytren contracture.

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**Rare Bone Diseases /Nailing Humerus Fractures -  
Eric Rush, MD and Charles N. Moon, MD**

Explain the pathophysiology of some rare bone diseases; List emerging therapies for rare bone diseases; Diagnose rare bone diseases based on clinical manifestations and genetic testing; Optimize management of rare bone diseases; Select appropriate candidates for humeral nailing.

OR 43 - 17

**Acromioclavicular Joint Trauma / Innovations in  
Treatment of Knee Trauma - Paul Sethi, MD,  
Brian Forsythe, MD and Arif Ali, MD**

Counsel a patient who is considering repair of a separation of the acromioclavicular joint; Summarize the findings of a study by Robinson et al (2004) that followed 101 patients with clavicular fracture; List some benefits and risks of lateral extra-articular tenodesis of the knee; Report the outcomes of a randomized trial by Getgood et al that studied the lateral extra-articular tenodesis procedure; Treat a patient with a defect of the intra-articular cartilage of the knee.

OR 43 - 19

**Femoral Neck Fracture/Distal Humerus  
Fractures/Femoral Nonunion and Malunion -  
Yelena Bogdan, MD**

Characterize the findings of a recent study that tested cement augmentation to stabilize the femoral head; Identify factors associated with favorable and unfavorable outcomes in patients with displaced fractures of the femoral neck; Apply fixation for a fracture of the distal humerus; Select appropriate candidates for nonoperative treatment of a distal fracture of the humerus; Manage a complex deformity of the femur using a clamshell osteotomy.

OR 43 - 18

**Highlights from the 2020 Kaiser Permanente Dale  
Daniel, MD, Orthopaedic Symposium - J. Lee Pace,  
MD, Brett M. Peterson, MD and Jeffrey M. Smith**

Identify patients with patellar instability who may benefit from trochleoplasty; Perform groove-deepening trochleoplasty using a thinflap technique; Take a surgical approach to patients with flail chest; Explain the role of wellness coaching in creating personal or professional change; Apply strategies to improve one's own wellness and performance.

OR 43 - 20