

# **Past Presentation Topics**

**As the rules currently stand, a Grand Rounds topic can not be repeated within a three-year time span.**

This encourages the presentation of fresh material for all to enjoy.

## **Presentations from 2010-2011**

Patellofemoral Pain Syndrome  
Chronic Traumatic Encephalopathy in the NFL  
Hemiplegic Shoulder Pain / Glenohumeral Subluxation  
Amyotrophic Lateral Sclerosis  
Spinal cord stimulators  
Managing patients with chronic pain and coexisting addiction  
Head and neck injuries in athletes  
Pulmonary Disorders and Restrictive Lung Diseases  
Physiatric Approach to Alzheimer's Disease  
Quality of life in lower extremity amputees  
Arthrogenic Muscle Inhibition  
Microprocessor controlled prosthetics in transfemoral amputees  
Ankylosing Spondylitis  
Biomechanics of Sprinting in the Amputee Athlete  
TBI and PTSD in Iraq and Afghanistan Veterans  
Osteoarthritis in the young population  
Paraneoplastic Syndromes of the Central Nervous System  
Lymphedema  
Scoliosis management in children with Duchenne Muscular  
Dystrophy  
Platelet Rich Plasma  
Glenohumeral Internal Rotation Deficit  
Post-traumatic headaches  
Cervical Epidural Injections  
Barefoot Running  
Neural Plasticity in Rehabilitation and the role of Transcranial  
Magnetic Stimulation  
Hip Replacement Outcomes  
Post Joint Replacement DVT Prophylaxis

## **Presentations from 2009-2010**

Falls in the elderly: What can be done?  
Anatomy of the Squat  
Interventional Treatment of Spasticity  
Failed Back Surgery Syndrome (FBSS)  
The diagnosis and management of musculoskeletal pelvic pain in  
women  
Cased Based MRI of the Shoulder  
Benign Joint Hypermobility Syndrome  
Performance Enhancing Drugs  
Pulmonary Rehabilitation in the Chronic Obstructive Lung Disease  
Autonomic Dysreflexia  
Foot Pain  
Post-Stroke Depression  
Musculoskeletal Pain in Pediatrics  
Post Amputation Pain in Lower Extremity Amputee Patients  
Skin problems in lower limb amputees  
Neurologic Decompression Sickness  
Functional Capacity Evaluation  
Pediatric Spondylolysis and Spondylolisthesis  
EKG Review in Rehabilitation  
Overview of Pediatric Pain Management  
Autoimmunity in Neurodegenerative Diseases  
Dupuytren's Disease: Description and Advances in Treatment  
Diabetic and Non-Diabetic Lumbosacral Radiculoplexus Neuropathy  
Late Nerve Conduction Responses  
Opioid Detoxification  
Prognostic factors for long term disability following acute back injury  
Acute Management of CRPS

## **Presentations from 2008-2009**

Acute Management of SCI  
Heterotopic Ossification  
Core Stability  
The Female Athlete Triad  
Rotator Cuff Dysfunction  
Hip Osteoarthritis and Femoroacetabular Impingement

Performing Arts Medicine  
Sleep and Rehab  
Discography  
Sacroiliac Dysfunction  
Vertebral Osteoporosis  
Sacral Insufficiency Fractures  
Acute MSK injuries in the Aging Workforce  
Osteopathic Manipulation for Carpal Tunnel Syndrome  
Phantom Limb Pain  
Myofascial Pain Syndrome  
Athletic-related Concussion and Return to Play Guidelines  
The pharmacology of Arousal and Attention in Brain Injury  
Intrathecal Baclofen Therapy for Muscle Hypertonicity  
Virtual Reality and Pediatric Rehabilitation  
Adolescent Idiopathic Scoliosis  
Post-traumatic Arthritis  
Hereditary Spastic Paraparesis  
Rehab for Parkinson's Disease  
Accupuncture in Rehab  
The Longevity of Pulmonary Rehab  
Burns  
Palliative Care 101 and It's Application to the HIV/AIDS Patient

## **Presentations from 2007-2008**

Benign Joint Hypermobility  
Facet Arthropathy  
Cervical Sports Injuries  
Elbow Injuries in Athletes  
Lumbar Radiology  
Disc Disruption  
Labral Tears  
Factors Influencing Residual Limb Length in the Major Lower Limb  
Amputee  
Prosthetic Ankle-Foot Systems  
Athletic Pubalgia  
Congenital Limb Deficiency  
Living with Cerebral Palsy  
BOTOX to the Salivary Glands, Spasticity Management in the Pediatric  
Population, and Noninvasive Ventilation  
Bladder Management in the Spinal Cord Patient  
E-stim and Intrathecal Drug Delivery  
Craniectomy  
Glenohumeral Subluxation in the Hemiplegic Patient  
Biofeedback Applications in PM&R  
Functional Recovery of CNS Injury  
The Role of Exercise in Slowly Progressive Neuromuscular Disease  
Guillain-Barre Syndrome  
Inflammatory Myopathies  
Cardiac Rehab  
Above Elbow Prosthetics Amputee Care for the Developing World  
Upper Extremity FES in SCI

## **Presentations from 2005-2006**

Acetabular Labral Tears  
Piriformis Syndrome  
Compartment Syndrome  
Psychogenic Pain  
Seizures in TBI  
Pediatric Low Back Pain  
Low back pain: Diagnosis and conservative mgt  
Spinal Cord Stimulator  
Gait Deviations in Lower Extremity Amputations  
Upper Extremity Amp Levels and Prosthetic Devices  
Common Skin problems of the Amputee  
Techniques in Muscle Hypertrophy  
Performance-Enhancing Drugs  
Strokes in Children  
Longterm effects of chronic TBI in professional boxers  
Poliomyelitis  
Non-invasive Ventilation in Neuromuscular disease  
Depression in Cardiac rehab  
The physiology of running  
COPD rehab: Focus on Exercise training  
Infectious diseases in Myelopathy  
Lumbar spinal stenosis  
Neuropathy in SCI patients  
Sexuality in patients with SCI  
Therapeutic treatments for Upper Motor Neuron Syndrome  
Nerve Entrapment syndromes  
Complex Regional Pain Syndrome  
Charcot-Marie Tooth syndrome  
Unilateral neglect, assessment and rehab  
Medical Accupuncture  
Dysphagia

## **Presentations from 2004-2005:**

Botox in Pain mgt  
Lower extremity Sports injuries  
Patellofemoral Syndrome  
Cumulative Trauma Disorders  
The Female Athlete Triad  
Plantar Fasciitis  
Acupuncture and Pain mgt  
Transfemoral Prosthesis  
Athletes with Disability  
Discogenic Back pain  
Torticollis in Children  
Rehab of Peds patients with Myelomeningocele  
Pediatric Limb deficiencies  
Mild TBI and post concussive syndrome  
TBI and motorcycle accidents  
Physiatric mgt of the Asthmatic patient  
Cardiac Rehab of the Post-MI patient  
Spasticity and the Intrathecal baclofen pump  
Functional outcomes in SCI  
Changes in the Immune system in SCI  
Musculoskeletal complications in SCI  
Facet Arthropathy  
Neurologic Recovery after a stroke  
Cerebellar Infarcts  
Anti-platelet therapy in secondary stroke prevention  
Thalamic stroke and thalamic pain  
Osteoporosis  
Viscosupplementation in Osteoarthritis

## **Potential Topics from the Past:**

Exercise in Athletes  
CHF  
Geriatric Suicide  
Medical Complications of Inflammatory SCI  
Neuro Rehab Techniques and Constrained Therapy in Stroke  
Cerebellar Infarcts  
Alien Hand Syndrome  
Stroke in Children and Young Adults  
Polyneuropathy  
Sports-related Neurological Injuries  
Spondyloarthropathies  
Stroke Prevention  
Compartment Syndrome  
Myofascial Pain Syndrome  
Common Wrist and Hand Injuries  
Post-Polio Syndrome  
Pharmacotherapeutic Intervention in SCI  
Vestibular Rehabilitation  
Cancer Pain Management  
Tendonopathies  
Physical Modalities  
Rehab in HIV Patients  
Spinal Muscular Atrophy  
Herbal Medicine  
Neurogenic Bladder  
Pressure Ulcers  
Neural Tube Defects  
Diffuse Axonal Injury  
Low Back Pain  
Arthroplasty Rehabilitation  
Heterotopic Ossification  
Autonomic Dysreflexia  
Central Cord Syndrome  
Spinal Cord Stimulators  
Sacroiliac Joint Dysfunction  
Thoracolumbar Compression Fractures  
Complications of Interventional Procedures  
THR/TKR Rehab  
Facet Arthropathy  
Myofascial Pain Syndrome  
ACL Injuries  
Prosthetic Knees  
Foot Amputations  
Assistive Technology

Congenital Myopathies  
Brain Injury in Sports  
Heterotopic Ossification  
Brain Mapping  
Movement Disorders Following Traumatic Brain Injury  
Post-CVA Depression  
Brachial Plexus Pathology  
Pulmonary Rehab  
Bariatric Rehab  
Neurogenic Bladder  
Active Isolated Stretching  
Hemiplegic Shoulder  
Aphasia  
Upper Extremity Mass Movement  
Neuromuscular Junction Disease  
Intracranial Hemorrhages  
Juvenile Rheumatoid Arthritis  
Achilles Tendon Rupture  
Minimally Invasive Disc Procedures  
Intramuscular Stimulation  
Rehabilitation of Challenging Sports Injuries  
Physical Modalities  
Whiplash  
Phantom Pain  
Guillain-Barre Syndrome  
MSK Injuries and Disorders in Pediatrics  
Surgical Management of Spasticity in BIC Patients  
Nutrition and Dysphagia in TBI  
Children & TBI: School Re-entry Following TBI  
Cardiovascular Rehab  
Burn Rehabilitation  
The Consequences of Immobility  
Vocational Rehabilitation  
Spinal Cord Tumors  
ALS  
Rehab of Brain Tumors  
Critical Illness Neuropathy  
Myasthenia Gravis  
Syndromes of Episodic Weakness and Mimics of Acute Stroke  
Lacunar Infarcts  
Sensory Re-Education  
Aphasias  
Mobilization of the Hemiplegic Shoulder  
Scleroderma and Hand Therapy  
Knee Arthritis and Differential Diagnosis