



# Membership Library Appendix

## NeuroSpark Fall 2023 Quadrimester

- [Lesson 1: Outcome Measure Use with Treatment Design](#)
- [Lesson 2: Acute Aerobic Exercise](#)
- [Lesson 3: Functional Cognition: Integrating Assessment and Treatment Into Practice](#)
- [Lesson 4: Motor Learning Strategies: Case Presentation](#)
- [Lesson 5: Managing BP Issues in Parkinson's Disease](#)
- [Lesson 6: Sit to Stand Adjustments](#)

## NeuroSpark Summer 2023 Quadrimester

- [Lesson 1: The Autonomic System: Impacts on Therapeutic Interventions and Concepts for Treatment](#)
- [Lesson 2: Unilateral Spatial Neglect](#)
- [Lesson 3: Addressing Asymmetry](#)
- [Lesson 4: Atypical Parkinsonism](#)
- [Lesson 5: Optimal and Documentation](#)
- [Lesson 6: Neuro Acute Care: You Need to have a Good Start to Have a Good Finish](#)
- [Lesson 7: Functional Movement Disorders: "Where do I even start?"](#)

## NeuroSpark Spring 2023 Quadrimester

- [Lesson 1: Error Augmentation](#)
- [Lesson 2: Evidence Based Update of the Latest Trends in Neurorehabilitation: CSM Highlights](#)
- [Lesson 3: Managing Burnout](#)
- [Lesson 4: Integration of Music](#)
- [Lesson 5: Apraxia](#)
- [Lesson 6: Movement Analysis](#)
- [Lesson 7: POTS](#)

## NeuroSpark Fall 2022 Quadrimester

- [Lesson 1: Foot Drop](#)
- [Lesson 2: Forced Use Activities for the UE and LE](#)
- [Lesson 3: Posterior Chain Activation](#)
- [Lesson 4: Post-Acute COVID Syndrome: PASC/Long-haulers](#)
- [Lesson 5: Clinical Practice Guideline for the Use of AFO & FES Post Stroke](#)
- [Lesson 6: Visual Disorders and Parkinson's Disease](#)



# Membership Library Appendix

## NeuroSpark Fall 2022 Quadrimester Continued

- [BONUS Dendrite Expansion Day November 5, 2022](#)
  - Patient Cases include:
    - Parkinson's Disease
    - Cerebellar Aneurysm and subsequent CVA
    - CVA with L hemiparesis

## NeuroSpark Summer 2022 Quadrimester

- [Lesson 1: External Cues for UE and LE](#)
- [Lesson 2: Seated Activities to Improve Function](#)
- [Lesson 3: Evolution of the Obstacle Course](#)
- [Lesson 4: Four Member Patient Cases](#)
  - Hereditary Spastic Paraplegia
  - T1-2 Brown Sequard Syndrome
  - Post-CVA with aphasia
  - 20+ years post-CVA with bilateral knee hyperextension
- [Lesson 5: Upper Extremity Considerations](#)
- [Lesson 6: Dual Tasking Challenges](#)
- [Lesson 7: Home Exercise Program](#)

## NeuroSpark Spring 2022 Quadrimester

- [Lesson 1: Multiple Sclerosis Considerations](#)
- [Lesson 2: CSM Thoughts to Sprout More Ideas](#)
- [Lesson 3: Concussion Foundation Concepts](#)
- [Lesson 4: TBI Rancho Levels](#)
- [Lesson 5: Wheelchair Seating and Positioning](#)
- [Lesson 6: Cognition in Parkinson's Disease](#)
- [Lesson 7: More Conference Highlights](#)
- [BONUS Dendrite Expansion Day Apr 30, 2022](#)

## NeuroSpark Fall 2021 Quadrimester

- [Lesson 1: Rhythmic Auditory Stimulation](#)
- [Lesson 2: Vision Therapy with Melissa Zarn and Katy Coleman](#)
- [Lesson 3: Balance Part 1](#)
- [Lesson 4: Balance Part 2 - Turning and Backward Walking](#)



# Membership Library Appendix

## NeuroSpark Fall 2021 Quadrimester Continued

- [Lesson 5: Shoulder Part 1](#)
- [Lesson 6: Shoulder Part 2](#)

## NeuroSpark Summer 2021 Quadrimester

- [Lesson 1: Spasticity Part 4](#)
- [Lesson 2: Sit to Stand Part 1](#)
- [Lesson 3: Sit to Stand: Part 2](#)
- [Lesson 4: IASTM Interventions in Neuro](#)
- [Lesson 5: Patient Cases:](#)
  - Incomplete SCI C6-C7
  - Incomplete SCI C5-C6 with ACDF
- [Lesson 6: Vestibular Assessment](#)
- [Lesson 7: Circuit Training and HIIT](#)
- [Lesson 8: Patient Case with Pusher Syndrome](#)
- [BONUS Dendrite Expansion Day Sept 18, 2021](#)

## NeuroSpark Spring 2021 Quadrimester

- [Lesson 1: Spasticity Part 1](#)
- [Lesson 2: FOG Part 1: Assessment](#)
- [Lesson 3: FOG Part 2: Intervention](#)
- [Lesson 4: Patient Cases](#)
  - CVA, likely SDH
  - Incomplete SCI C5-C6 with fusion
  - R IPH with left sided weakness and spasticity
  - L ischemic CVA in posterior limb of internal capsule (with spasticity)
- [Lesson 5: Spasticity Part 2: Upper Extremity](#)
- [Lesson 6: Case Reports: iSCI](#)
  - C5 AIS C SCI
  - T12 AIS C SCI
  - T5 AIS A SCI and Anoxic BI and dystonia
- [Lesson 7: Spasticity Part 3: Lower Extremity](#)
- [Lesson 8: Patient Cases](#)
  - R MCA CVA and Pusher Syndrome
  - Paraneoplastic Cerebellar Degeneration with Ataxia
- [BONUS Dendrite Expansion Day May 1, 2021](#)



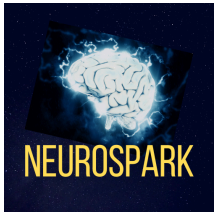
# Membership Library Appendix

## NeuroSpark Fall 2020 Quadrimester

- [Lesson 1: Kick-off Call, Wins from Members, Case Follow-Up](#)
- [Lesson 2: Interventions - C6 level SCI](#)
- [Lesson 3: Patient Cases](#)
  - SCI: C3 ASIA C from MVA
  - SCI: C4 ASIA B from MVA with unstable fracture subluxation
  - Chronic L CVA with dense R hemiparesis/spasticity
- [Lesson 4: iSCI and Thoracic Balance Activities](#)
- [Lesson 5: Ataxia](#)
- [Lesson 6: Patient Cases](#)
  - Cerebral Palsy with increased falling, significant B LE tone
  - Parkinson's Disease
- [Lesson 7: Dual Tasking](#)
- [Lesson 8: Integrating Breathing Basics into Treatment](#)
- [Lesson 9: Patient Cases](#)
  - Cerebral Palsy in Adult
  - ALS
  - Unilateral Spatial Neglect

## NeuroSpark Summer 2020 Quadrimester

- [Lesson 1: Opening Call: Gait Review/RGO Case and Goal Discussion](#)
- [Lesson 2: Fall Risk and Vision Considerations](#)
- [Lesson 3: Normal Movement – Supine to Sit and Breathing Strategies](#)
- [Lesson 4: Electrical Stimulation Use in the Clinic](#)
- [Lesson 5: Patient Cases](#)
  - Subarachnoid hemorrhage secondary to RIGHT ICA aneurysm
  - Transtibial amputation/BKA
  - Functional Neurological Disorder
  - Multiple Sclerosis
- [Lesson 6: Motor Learning Strategies](#)
- [Lesson 7: August 2020 Patient Cases](#)
  - Follow up on Lesson 5 cases
  - L CVA (corona radiata) with R hemiparesis
- [Lesson 8: Highlights of Breakout Sessions and Follow up Post-Full Day Course](#)



# Membership Library Appendix

## NeuroSpark Spring 2020 Quadrimester

- [Lesson 1: CSM Highlights](#)
- [Lesson 2: Reactive Balance Training](#)
- [Lesson 3: Translating Motor Learning into Practice](#)
- [Lesson 4: March 2020 Patient Cases](#)
  - Use of AFO's
  - Parkinson's Disease with Dementia
  - Anoxic Brain Injury
- [Lesson 5: Reactive Balance Outcome Measures](#)
- [Lesson 6: April 2020 Patient Cases – Live Patient Example](#)
  - Brown-Sequard Syndrome
- [Lesson 7: CEU VIDEO About Utilizing Great Reference Websites](#)
- [Lesson 8: Using Reactive Measures to Guide your Interventions](#)
- [Lesson 9: May 2020 Patient Cases](#)
  - Lumbar stenosis causing myelopathy (RLE weakness & foot drop)
  - Unilateral Spatial Neglect

## Parkinson's Focus Track – Monthly Calls by Topic

### Milestone Meetings

- [PD Focus Track- First Meeting](#)
- [Brainstorming Session](#) – Review of First Year of PFT

### Exercise and PD

- [Lower Level Classes](#)
- [Cardio Aerobic Exercise Classes for People with Parkinson's](#)
- [Online Cardio Classes for People with Parkinson's](#)
- [Coaching Clients for Getting Up and Down from the Ground](#)
- [Empowering Clients to Follow Through with Exercise](#)
- [Medication, Side Effects, and Exercise](#)
- [Circuit Training for Group Exercise](#)
- [Decision Making PT Wellness vs 1:1](#)
- [How to Fall "Well"](#)
- [Cardio for people who have more physical/cognitive limitations \(Get the HR up!\)](#)



# Membership Library Appendix

## Focus on Specific Impairments in PD

- [Posture & Back Pain in People w/ PD](#)
- [Freezing of Gait](#)
- [Cognition](#)
- [Flexible Anti-Freeze Exercise Program](#)
- [Tremor Management](#)
- [Blood Pressure Management](#)
- [Postural Disorders with PD](#)
- [Dystonia](#)
- [Non-Motor Signs - When do we get involved?](#)
- [More on Freezing of Gait](#)

## Overview of Evidence for Treating Typical and Atypical PD

- [Atypical Parkinsonisms](#)
- [PD CPG](#)

## Dual Tasking and Cognition

- [Dual Task \(Part 1\)](#)
- [Dual Tasking \(Part 2\)](#)

## Treating Advanced Parkinson's

- [How to pull someone out of H&Y Stage 4 back to 2.5 with Val Carter, PT](#)
- [Amplitude Based Programs with Advanced PD/H&Y 3-4/in Acute Care](#)

## Community Presentations

- [Community Presentations](#)

## Managing Burnout

- [Self-Care for the Healthcare Provider](#)

## Parkinson's Foundation Community Grants

- [Parkinson Foundation Community Grant Q&A](#)
- [Parkinson's Foundation Community Grant Q&A \(Follow-up\)](#)



# Membership Library Appendix

## Parkinson's Focus Track: Additional Access and Resources

- [Link to PFT Google Drive Folder](#)
- Freezing of Gait 3 Part Series:
  - [Part 1](#)
  - [Part 2](#)
  - [Part 3](#)
- [Fall Risk Reduction in Parkinson's Disease](#)
- [Parkinson's Cheat Sheet Bundle](#) - link to PDF download
- Inspirational Pre/Post Collection by Claire McLean
  - [Introduction](#)
  - [Video Transformations: 9 videos](#)
  - [Presentation Summary](#)
  - [Recording Tools](#)

## NeuroSpark BONUS Webinars and Resources

### Balance Series

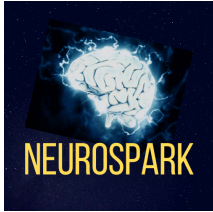
- [Balance Part 1: How to Effectively Train Balance to Prevent Falls in the Home](#)
- [Balance Part 2 Patient Cases](#)
- [Perturbation-Based Balance](#)
- [Reactive Balance Implementation](#)
- [Fall Risk Reduction in Parkinson's Disease](#)

### Gait Series

- [Stance is the Key to Swing Part 1](#)
- [Stance is the Key to Swing Part 2](#)
- [Mastering Extensor Thrust in Gait - Part 1](#)
- [Mastering Extensor Thrust in Gait - Part 2](#)
- [Gait Analysis, Problem-Solving and Bracing in Stroke](#)
- [Integrating Backward Walking Into Intervention Design for the Aging Adult](#)
- [Freezing of Gait Bonus by Claire McLean 3.30.21](#)

### Treatment Strategies Across Diagnoses

- [Building the Functional Foundation Across the Rehab Spectrum: Activation and Control Part 1](#)
- [Standing and Walking for Clinicians Working in Home Care and Outpatient: Trunk Activation and Control Part 2](#)



# Membership Library Appendix

## Treatment Strategies Across Diagnoses Continued

- [Increasing Intensity for Patients with Greater Mobility Challenges](#)
- [Unmasking Potential Through Movement Discovery](#)
- [Using External Focus to Improve Functional Outcomes](#)
- [Dual Task Testing and Training for Neurorehab and Wellness](#)
- [Lower Extremity Spasticity: 3 Clinical Takeaways for the Clinic Tomorrow](#)
- [Top 3 Neuro Rehab Trends You Should Be Incorporating Into Your Practice](#)
- [Foundations of Vision Therapy](#)
- [Integrating Breathing Basics Into Treatment](#)
- [Add Intensity and Ignite Progress for Optimal Patient Recovery](#)
- [Priming Activities To Enhance Intensive Practice in Neuro](#)
- [Precision Therapy: Unleashing Creative Strategies with Resistance Bands in Neuro Rehab](#)

## Ataxia Series

- [Ataxia Part 1: Evidence-Based Treatment For Patients With Ataxia](#)
- [Ataxia Part 2: Translating Ataxia Evidence Into Actual Patient Cases](#)

## Spinal Cord Injury

- [Strengthening Individuals with Complete Spinal Cord Injury](#)

## Upper Extremity Focus

- [Top Tips for Treating the Shoulder in CVA and SCI](#)

## Group Exercise

- [A Decision-Making Tool for Placing People with Parkinson's into Multi-level Group Classes](#)
- [Community Exercise Classes for People with Parkinson's](#)

## Rehab Products

- [Practical Equipment Considerations](#)
- [Introducing the U-Step, the Only Medicare Approved Neurological Walker](#)
- [Fabulous Friction: Creative Use of Friction Reducing Sheets to Promote Neuroplastic Principles](#)
- [Using Virtual Reality to Drive Neuroplasticity and Motor Learning](#)
- [Balance Matters: Improving Sensory Processing, Equilibrium Strategies and Gait Mechanics](#)
- [New School Gait Training Using Old School Concepts: Gait Training with the NewGait](#)
- [Spin Your Health Around: An Introduction to Poi](#)





# Membership Library Appendix

## NeuroBiz Topics

- [Let Your Network Grow Your Business](#)
- [How To Build Your Dream Wellness Practice \(Part 1\)](#)
- [How To Build Your Dream Wellness Practice \(Part 2\)](#)
- [How To Build Your Dream Wellness Practice \(Part 3\)](#)
- [Bonus with Tony Noto: Building a Successful Mobile Practice](#)
- [Neuro Nonprofits](#)
- [End-of-Year Questions Every Business Owner Should Ask Themselves](#)
- [Business Setback Webinar](#)
- [3 Common Mistakes Neuro Business Owners Make](#)
- [Business Plan](#)

## Professional Development

- [Achievable Abstracts](#)
- [Financial Planning](#)

## Managing Burnout

- [Managing Burnout Part 1](#)
- [Managing Burnout Part 2](#)
- [Guided Meditation: Compassionate Equanimity](#)
- [Guided Meditation: Opening and Closing](#)

## Bonus Handouts

- [Parkinson's Cheat Sheet Bundle](#)
- [SCI Seating and Wheelchair Assessment](#)
- [Documentation Tips Every Neuro Therapist Should Know](#)
- [The Ultimate PNF Treatment Bundle](#)
- [IASTM in Neuro Chart](#)
- [Spasticity Model Progression Handout](#)



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