



Demonstration Posters

DP 1: FAMILY CENTERED ROUNDING FOR CHILDREN WITH MEDICAL COMPLEXITY

Rishi Agrawal, MD, MPH; David Soglin, MD

DP 2: THE WE-STUDY: DOES BOTULINUM TOXIN A MAKE WALKING EASIER IN CHILDREN WITH CEREBRAL PALSY? STUDY PROTOCOL FOR A RANDOMIZED PLACEBO CONTROLLED MULTICENTRE TRIAL

Guro L. Andersen, PhD, MD; Anne Elisabeth Raftemo, MD; Kjersti Ramstad, MD PhD; Jasmina Majkic-Taisic, MD; Torarin Lamvik, MD; Karin Roeleveld, PhD, MSc; Bendik Lund, PhD, MD; Torstein Vik, PhD, MD; Siri Merete Brændvik, PhD, PT

DP 3: COMPARISON BETWEEN PARTICIPATION AND DESIRE TO PARTICIPATE IN ACTIVITIES AMONG CHILDREN WITH SKELETAL DYSPLASIAS

Frances Baratta-Ziska, DPT; Kate Citron, BS; Erin Carter, MS; Meredith Manson; Josephine Marino, MPH; Cathleen Raggio, MD

DP 4: USING ICF CORE SET OF CEREBRAL PALSY IN CLINICAL PRACTICE

Patricio Barria, MSc Neuralrehabilitation

DP 5: CARE FOR CHILDREN WITH MEDICAL COMPLEXITY: INTEGRATION OF A COMPLEX CARE PROGRAM INTO AN ACADEMIC MEDICAL HOME

Cara L. Biddle, MD, MPH; Karen Fratantoni, MD, MPH; Dale Coddington, MA, MD

DP 6: DISTRIBUTION OF MOTOR IMPAIRMENT: INFLUENCE ON HABITUAL WALKING ACTIVITY IN CHILDREN WITH CEREBRAL PALSY – A PILOT STUDY

Kristie Bjornson, PhD, PT, PCS; Alyssa Fiss, PhD, MPT, PT, PCS; Cheryl I. Kerfeld, MS, PhD, PT; Erin E. Wentz, BS, PT; Nancy Cicirello, EdD, MPH, PT

DP 7: SHORT-BURST INTERVAL TREADMILL TRAINING: FEASIBILITY, WALKING CAPACITY & PERFORMANCE IN CEREBRAL PALSY- A PILOT STUDY

Kristie Bjornson, PhD, PT, PCS; Noelle G. Moreau, PhD, PT; Amy Bodkin, PhD, PCS, PT, PCS; Sariya H. Rashid, BS, MS

DP 8: THE INFLUENCE OF WALKING ABILITY AND DISTRIBUTION OF MOTOR IMPAIRMENT ON HABITUAL PHYSICAL ACTIVITY IN CHILDREN WITH CEREBRAL PALSY: A PILOT STUDY

Kristie Bjornson, PhD, PT, PCS; Erin E. Wentz, BS, PT; Cheryl I. Kerfeld, MS, PhD, PT; Alyssa Fiss, PhD, MPT, PT, PCS; Nancy Cicirello, EdD, MPH, PT

DP 9: A NOVEL SCREENING TOOL TO DETECT INTRATHECAL BACLOFEN WITHDRAWAL IN POST-OPERATIVE PATIENTS: A PILOT STUDY

Kristin Buxton, MS, RN, CPNP; Alvin Ip, MD; Shenandoah Robinson, MD





DP 10: INTRATHECAL BACLOFEN PUMP SYSTEM MALFUNCTION CAUSED BY TISSUE OVERGROWTH IN THE CONNECTOR

Kristin Buxton, MS, RN, CPNP; Shenandoah Robinson, MD

DP 11: WALKING AND ITS EFFECT ON HEALTH AND FUNCTION IN INDIVIDUALS WITH CEREBRAL PALSY AS THEY TRANSITION TO ADULTHOOD: A HEALTH OUTCOMES STUDY

James J. Carollo, PhD, PE; David Robertson, BS; Allison M. Frickman, BA; Patricia C. Heyn, Ph.D.

DP 12: COULD GMFCS SHIFT 5 TO 1 IN A 7 YEARS OLD CHILD? SEGAWA DISEASE. IMPORTANCE OF DIFFERENTIAL DIAGNOSIS OF CEREBRAL PALSY

Mariana de Souza. Carvalho, MD; Tayra Coaracy Martins. Gomes, BS; Patrícia Franco. Assunção, BS; Brunno Lima. Moreira, MD

DP 13: PERINATAL STROKE: UNDERSTANDING BRAIN REORGANIZATION THROUGH INFANT NEUROEXCITABILITY AND NEUROIMAGING

Chao-Ying Chen, PhD, PT; Bernadette Gillick, PhD, MSPT, PT; Jed Elison, PhD; Mo Chen, PhD

DP 14: EARLY INTERVENTION IN ST LUCIA – EVALUATION OF A PILOTED HOSPITAL REFERRAL SYSTEM FOR AT RISK INFANTS

Elaine Clement, PT; Kim Gardner, BS, FAAP, MD, MPH

DP 15: A COMMUNITY BASED ACCESSIBLE GARDENING CAMPAIGN TO PROMOTE FOLIC ACID AWARENESS

Kristen Davis, MS, RD, CDN; Jennifer R. Fetterman, PT, DPT; Jill Boyer, LCSW-R, Master of Social Work; Barbara Lindenmayer, MSN; Judith Hodge, RN, BSN; Nienke P. Dosa, MD, MPH

DP 16: TOWARDS EVIDENCE-BASED PRACTICE: PERSPECTIVES AND CHALLENGES OF CEREBRAL PALSY RESEARCH IN BRAZIL

Ana Carolina de Campos, P.T., PhD; Nelci Adriana Cicuto Ferreira Rocha, P.T., PhD

DP 17: EXERCISE PRESCRIPTION FOR BARDET BIEDL SYNDROME AS PART OF A MULTI-DISCIPLINARY CLINIC

Jill Meilahn, DO; Ashley Detterbeck-stauber, DPT

DP 18: THE INTERNATIONAL DYSPHAGIA DIET FRAMEWORK: PRACTICAL TOOLS FOR IMPLEMENTING THIS GLOBAL INITIATIVE

Janice Duivesteyn, MS





DP 19: ADVANCED ROBOTIC TECHNOLOGY INTEGRATED CENTER-INTERNATIONAL COLLABORATION ON ROBOTIC THERAPY

Deborah Gaebler-Spira, MD; Tara Egan, PT

DP 20: COMMON DATA LANGUAGE FOR CLINICAL RESEARCH STUDIES: NATIONAL INSTITUTE OF NEUROLOGICAL DISORDERS AND STROKE/AMERICAN ACADEMY FOR CEREBRAL PALSY AND DEVELOPMENTAL MEDICINE CEREBRAL PALSY COMMON DATA ELEMENTS V1.0 RECOMMENDATIONS

Joanne Odenkirchen, MPH; Sherita Alai, MS, MS; Robin S. Feldman, BS; Joy Esterlitz, MS

DP 21: TRAINING PARENT NAVIGATORS TO PROVIDE PEER SUPPORT FOR PARENTS AFTER NICU DISCHARGE

Karen Fratantoni, MD, MPH; Michelle Jiggetts, MD, MS, MBA; Lisa Tuchman, MD, MPH; Lamia Soghier, MD, FAAP

DP 22: ASSESSMENT OF PROPRIOCEPTION IMPAIRMENTS IN CHILDREN WITH UNILATERAL SPASTIC CEREBRAL PALSY USING A MARKERLESS MOTION CAPTURE SYSTEM

David Putrino, PT, PhD; Karen Chin, MS; Behdad Dehbandi, PhD; Victor Nwankwo, MD; Andrew Gordon, PhD; Kathleen Friel, PhD

DP 23: COMBINED TRANSCRANIAL DIRECT CURRENT STIMULATION AND ROBOTIC UPPER LIMB THERAPY IMPROVES UPPER LIMB FUNCTION IN ADULTS WITH CEREBRAL PALSY

Kathleen Friel, PhD; Peter Lee, MD; Hsing-Ching Kuo, PT, MS; Disha Gupta, PhD; Alexandre Barachant, PhD; Ana Smorenburg, PhD; Michelle Marneweck, PhD; Dylan Edwards, PT PhD

DP 24: NEUROGAME THERAPY FOR THE IMPROVEMENT OF ANKLE CONTROL IN CHILDREN WITH CEREBRAL PALSY

Torey J. Gilbertson, PT, PhD, DPT, PCS; Sarah w. McCoy, PT, PhD, FAPTA; Alison Coombs, SPT; Oliver Orr, MS-1; Kristie Bjornson, PhD, PT, PCS; Robert Price, MSME; Chet Moritz, PhD

DP 25: MODULE FOR TRAINING WORKSHOP ON EARLY IDENTIFICATION AND EARLY ACTION FOR CHILDHOOD DISABILITIES

Meenakshi Girish, MD; Shashikala Gopalswamy, MD- specialised training indevelopmental neurology & developmental therapy





DP 26: PHYSICAL THERAPY MANAGEMENT OF SINGLE EVENT MULTI-LEVEL SURGERIES FOR INDIVIDUALS WITH CEREBRAL PALSY: TRANSLATING EVIDENCE INTO A CLINICAL CARE GUIDELINE

Kelly R. Greve, DPT; Michelle Menner, DPT

DP 27: MAKING CONNECTIONS: UTILIZATION OF TELEREHABILITATION FOR THERAPEUTIC PROGRAMMING

Karen Harpster, PhD, OTR/L; Joan Carney, EdD; Teresa Garcia Reidy, MS, OTR/L

DP 28: EFFECT OF ORAL MAGNESIUM THERAPY ON SPASTICITY AND CONSTIPATION IN CHILDREN WITH SPASTIC CEREBRAL PALSY

Sahar M.A. Hassanein, MD

DP 29: IMPLEMENTING AN INTENSIVE, SHORT-DURATION, INTERMITTENT PHYSICAL THERAPY MODEL OF CARE AS A STANDARD OF PRACTICE IN A LARGE, MULTI-SITE, OUTPATIENT PHYSICAL THERAPY DEPARTMENT

Catie Christensen, DPT; Kelly Hehr, DPT

DP 30: DEVELOPING A MULTISENSORY NARRATIVE ASSESSMENT FOR CHILDREN WITH CEREBRAL PALSY AGED BETWEEN 3 TO 5 YEARS

Shyamani Hettiarachchi, PhD; Gopi Kitnasamy, MSc

DP 31: IS THERE A ROLE FOR BOTULINUM TOXIN THERAPY IN CEREBRAL PALSY IN A DEVELOPING COUNTRY? EXPERIENCE FROM A SRI LANKAN TERTIARY CARE PEDIATRIC NEUROLOGY UNIT

Gemunu P. Hewawitharana, MBBS, MD; Chalith Dharmappriya, MBBS; Sajee Anuradha. Gamage, BSc, OT; W.r.a. Shantha, OT; Susnatha Kumara, OT

DP 32: MAKING A DIFFERENCE IN TRAVEL: CREATING A HOTEL ACCESSIBILITY RESOURCE FOR PATIENTS AND FAMILIES WITH SPECIAL HEALTH CARE NEEDS

Shari Huber, DPT; Katie Laubscher, DPT

DP 33: OUTCOMES FOLLOWING UNILATERAL SELECTIVE DORSAL RHIZOTOMY IN CHILDREN WITH SPASTIC HEMIPLEGIA USING PRE- AND POST-OPERATIVE QUANTITATIVE GAIT ANALYSIS

Christy L. Hunt, DO; Bradford Landry, D.O.; Nicholas Wetjen, MD; Joline Brandenburg, MD; Kenton Kaufman, PhD; Krista Coleman Wood, PT, PhD





DP 34: EFFECTIVENESS OF AN INNOVATIVE COMPUTER GAME-BASED EXERCISE AND LEARNING PLATFORM FOR REHABILITATION OF MOTOR AND COGNITIVE IMPAIRMENTS IN CHILDREN WITH CEREBRAL PALSY

Anuprita Kanitkar, MSc; Dr. Tony Szturm, PT PhD; Gina Rempel, MD; Gayle Restall, OT, PhD; Dr. Sanjay Parmar, BPT, MPT, PhD; Dorcas Gandhi, BPT, MPT; Jeyaraj Pandian, MD, DM, FRACP

DP 35: ONABOTULINUMTOXINA (BONT) INJECTIONS FOR SEVERE PLANTAR HYPERHIDROSIS IN A CHILD WITH SACRAL LEVEL MYELOMENINGOCELE

David Kanter, MD; Lynne A. Romeiser Logan, PT, PhD

DP 36: HIP SURVEILLANCE IN CEREBRAL PALSY: DEVELOPING A CARE PATHWAY AT HOLLAND BLOORVIEW KIDS REHABILITATION HOSPITAL, TORONTO, CANADA

Anne Kawamura, MD; Angie Ip, MDCM; Chun Kim, BSc PT; Peggy Curtis, RN; Shauna Kingsnorth, PhD; Darcy Fehlings, FRCPC, MD

DP 37: PHYSICAL ACTIVITY FOR ADULTS AGING WITH MULTIPLE DISABILITIES

Alyce Sherwood, MA; Nicole Kinney, DPT

DP 38: DIVERGENCE AND CONVERGENCE OF VIEWPOINTS OF CHILDREN WITH CEREBRAL PALSY, CAREGIVERS, TEACHERS AND HEALTHCARE PROFESSIONALS IN SRI LANKA ON QUALITY OF LIFE

Shyamani Hettiarachchi, PhD; Gopi Kitnasamy, MSc

DP 39: EFFECTS OF A NOVEL INTERVENTION ON MEAL PARTICIPATION ACROSS SETTINGS IN A 10-YEAR-OLD CHILD WITH DYSKINETIC CEREBRAL PALSY

Annette J. Leier, OTR/L; Joyce Barnett, PT; Mary Rahlin, PT, DHS, PCS

DP 40: PROGRAM DEVELOPMENT AND EVALUATION OF THE COORDINATED CARE FOR CHILDREN WITH MEDICAL COMPLEXITY, HOSPITAL-BASED COMPLEX CARE PROGRAM

Beverly Lullo, MS RRT-NPS; Elise Madeck, MS, RN, CNP; Renwick Taylor, MD; Patricia Notario, FAAP, MD

DP 41: CLINICAL USE OF 0-10 NRS AS A PATIENT-REPORTED SPASTICITY MEASURE

Kristen Taylor. McCormick, DO; Deborah Gaebler-Spira, MD; Shelun Tsai, BA; Sheila Krahl, DPT

DP 42: TEACH ME TECH: TEACHING TECHNOLOGY SKILLS TO FACILITATE LITERACY, COMMUNICATION AND SOCIAL INCLUSION

Jessica McCoy, MOT, OTR/L; Matthew Elliott, COTA; Elizabeth Willig-Kroner, M.A., CCC-SLP; Lindsay Stutz, M.A., CCC-SLP



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DP 43: CONDUCTIVE EDUCATION: AN ALTERNATIVE APPROACH INTEGRATED WITH TRADITIONAL THERAPY

Maureen Michalski, DPT, MPT

DP 44: A METHOD DEVELOPMENT TO CORRECT SEVERE FIX EQUINUS IN SPASTIC CEREBRAL PALSY: SERIAL CAST AT CLOSED KINETIC CHAIN

Brunno Lima. Moreira, MD; Giampaulo Catelan, MD; Pedro Souza, BS; Luciana Oliveira, BS; Samia Bessa, BS; Luiza Miranda, BS; Siane Pinheiro, Master; Andrea Araujo, BS

DP 45: PERINATAL BRAIN INJURY: IMPROVING ACCESS TO CARE AND OUTCOMES

Olga Morozova, MD; Patricia O'Berry, MSN

DP 46: MODIFIED CONSTRAINT INDUCED MOVEMENT THERAPY FOR A CHILD 15 MONTHS POST HEMISPHERECTOMY: A CASE STUDY

Erin C. Naber, BS, DPT; Teresa Garcia Reidy, MS, OTR/L; Joan Carney, EdD; Frank Pidcock, MD

DP 47: THE USE OF A DYNAMIC MOBILITY SYSTEM AND A FALL PREVENTION HARNESS SYSTEM IN AN ADAPTIVE DANCE CLASS FOR CHILDREN WITH NEURODEVELOPMENTAL DISABILITIES

Lisa Neville, M.S. O.T.R./L.; Nienke P. Dosa, MD, MPH

DP 48: NEONATAL VENTRICULAR DILATION DUE TO INTRAVENTRICULAR HEMORRHAGE: A SINGLE CENTER EXPERIENCE WITH MANAGEMENT AND OUTCOME

Rawad Obeid, MD; Eresha F. Bluth, MPH; Caitlin A. Forsythe, RN; Taeun Chang, MD; Anna A. Penn, PhD, MD

DP 49: ENHANCING CULTURAL UNDERSTANDING AND SOCIAL ENGAGEMENT THROUGH DANCE AND MOVEMENT WITH ADULTS WITH INTELLECTUAL AND DEVELOPMENTAL DISABILITIES

Chandni Parikh, MS; Yumi Shirai, PhD

DP 50: NEW YORK CITY BALLET AND WEINBERG FAMILY CEREBRAL PALSY CENTER COLLABORATE FOR MOVEMENT WORKSHOP SERIES FOR CHILDREN WITH SPECIAL NEEDS

Joseph Dutkowsky, MD; Stephanie Gancarczyk, MD; Meghan Kent, M.A.; Belkis Tarez, High School Diploma; Tracy Pickar, MSW; David Roye, MD

DP 51: HOW TO ADVOCATE FOR ASSISTIVE TECHNOLOGY

Wendy Pierce, MD





DP 52: AUTONOMIC NERVOUS SYSTEM MONITORING DURING TRANSCRANIAL MAGNETIC STIMULATION: MAKING A DIFFERENCE IN MONITORING RESPONSES AND ADVERSE EVENTS IN CHILDREN WITH HEMIPARETIC CEREBRAL PALSY

Tonya Rich, OTR/L; Manda L. Keller-Ross, PhD, DPT; Daniel Chantigian, B.S.; Chao-Ying Chen, PhD, PT; Gregg Meekins, MD; Timothy Feyma, MD; Linda E. Krach, MD; Bernadette Gillick, PhD, MSPT, PT

DP 53: USING AN ELECTRONIC DATA CAPTURE SYSTEM INTEGRATED WITH THE ELECTRONIC MEDICAL RECORD SYSTEM FOR PROVIDER AND FAMILY-ENTERED DATA RELATED TO CEREBRAL PALSY

Kenneth J. Rogers, PhD; Julieanne P. Sees, DO; Freeman Miller, MD

DP 54: FIRST ANNUAL TRANSFORMING THE HEALTHCARE OF WOMEN WITH CEREBRAL PALSY WORKSHOP: A PATIENT CENTERED APPROACH

David Roye, MD; Rachel Byrne, Bachelor of Physical Therapy/ Bachelor of Exercise Science; Tracy Pickar, MSW; Joseph Dutkowsky, MD

DP 55: MEDICATION SOUP: MEDICATION IMPLEMENTATION ATTEMPTS TO REDUCE SEVERE POSTURING SECONDARY TO DYSAUTONOMIA IN THE SETTING OF ANOXIC BRAIN INJURY

Cristina M. Sanders, DO; Tracy Hills, DO; Liza Green, M.D.

DP 56: THE LUSTRE™ REGISTRY: A NOVEL STUDY OF CP FAMILIES WITH STORED UMBILICAL CORD BLOOD - INITIAL FINDINGS

Adrian D. Sandler, MD; Peter Mazonson, MD, MBA; Kelin Colberg, BA, MPH; Mark A. Kane, BS, MPH; Heather Harris, BS, MS; Heather Brown, BA, MS; Andrew K. Mohr, BS; Christopher Santas, BA

DP 57: INTEGRATING APPS INTO INPATIENT REHABILITATION TEACHING

Aloysia Schwabe, MD; Christian Niedzwecki, DO; Cathy Foreman, MS, RDN, LD

DP 58: THE EXPERIENCE OF CAREGIVERS OF CHILDREN WITH MEDICAL COMPLEXITY RECEIVING BLENDERIZED TUBE FEEDING: A QUALITATIVE STUDY

Joanna Soscia, MN, MEd, NP-Paed; Julia Orkin, MD

DP 59: ACUPUNCTURE AS AN ADJUNCT TREATMENT FOR SYMPTOM MANAGEMENT IN THE MEDICALLY COMPLEX CHILD

Jean C. K. Stansbury, MSN, CNP; Scott Schwantes, FAAP, MD





DP 60: PROVIDING HOPES: PHYSICAL THERAPIST AND SPEECH LANGUAGE-PATHOLOGIST COLLABORATING IN PROVIDING COMMUNICATION OPPORTUNITIES FOR A MEDICALLY COMPLEX STUDENT

Lisa V. Wagner, DHS, OTR/L; Mary Delia Mahon, PT MSPT

DP 61: CONSUMER PARTNERSHIPS IN RESEARCH: THE EYE-GAZE CONTROL TECHNOLOGY STUDY

Margaret Wallen, PhD; Ange McReynolds; Sarah Wick; Suzan Griffin; Petra Karlsson, PhD

DP 62: TRANSITION OF MEDICALLY COMPLEX YOUTH TO ADULT PRIMARY CARE: SUCCESSES AND CHALLENGES OVER FOUR YEARS

Sandra Whisler, MS, MD; Jennifer DiTucci, BS, RD; Jennifer Benson, MD; Louise Wells, RN

DP 63: FEEDING BEHAVIORS OF CHILDREN WITH SPECIAL NEEDS AND THEIR PARENTS

Meltem Yazici, PT; Selen Serel Arslan, PhD; Timuçin Aktan, PhD; Fatma Ilgaz, MSc; Numan Demir; Ayse Karaduman, PhD

