

PROFESSOR MEIR LOTAN - CURRICULUM VITAE

NAME **MEIR LOTAN** **JANUARY, 2016**

PERSONAL DETAILS

NAME **MEIR LOTAN**
DATE AND PLACE OF BIRTH 24 Feb, 1960, Haifa, Israel
REGULAR MILITARY SERVICE (dates) August 1978- August 1984, Intelligence officer at the Israeli navy. Discharged at the rank of lieutenant
HOME ADDRESS 16th Hakarmel st. Ganei-Tikva, Israel, Zip code: 5991616
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WORK ADDRESS Physiotherapy Department, School of Health Sciences Ariel University.
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A. EDUCATION (POST HIGH SCHOOL)

DATES	NAME OF INSTITUTION AND DEGREE GRANTED; INDICATE IF STUDYING TOWARD A DEGREE
1984 - 1988	Bachelor in Physiotherapy (B.P.T). Physical Therapy Department, School for Allied Health Professions, Sackler Medical Faculty. Tel Aviv University.
1990 - 1992	Post Graduate Studies in Neurological Physiotherapy. A diploma studies. Physical Therapy Department, School for Allied Health Professions, Sackler Medical Faculty. Tel-Aviv University – (400 hours course)
1998 – 2000	Masters Degree Program in Physical Therapy (M.Sc.P.T.) Physical Therapy Department, School for Allied Health Professions, Sackler Medical Faculty. Tel-Aviv University. ○ Prof. Eli Isakov
	NAMES OF SUPERVISOR/S TITLE OF THESIS
	The results of a short term daily training program on the physical fitness and functional abilities of children with IDD.
2005-2009	Ph.D. studies at the Section for Physiotherapy Science Department of Public Health and Primary Health Care, Bergen University, Norway.
	NAMES OF SUPERVISOR/S ○ Liv Inger Strand, Physiotherapist, PhD, Professor Section for Physiotherapy Science, Bergen university, ○ Anne Elisabeth Ljunggren - Physiotherapist, PhD, Professor Section for Physiotherapy Science, Bergen university, ○ Rolf Moe Nielsen, Physiotherapist, PhD, Professor Section for Physiotherapy Science, Bergen university
	TITLE OF THESIS
	Assessment of Pain in Adults with Intellectual and Developmental Disabilities: Development of a scale to assess pain behaviors
JAN 2013	Associate Professor position was approved by Ariel University.

B. FURTHER STUDIES

- 1988 Shiatsu (200 hours course and workshops).
- 1988 Reflexology (120 hours course).
- 1994 Basic N.D.T (Bobath) course for Children with C.P (330hours)
- 1995 "Clumsy Children" – (15 hours course).
- 1995 Myo-Facial Release - (30 hours course).
- 1995 Plasticity of the Neural system – (16 hours)
- 1996 P.T Clinical Instructors Course – (60 hours course).
- 1996 Rehabilitation technology and Assistive & Augmentative Communication (AAC) (one day workshop).
- 1997 Sensory Integration – (100 hours course), Tel Aviv university.
- 1999 The influence of sensory-motor problems on feeding (one day workshop).
- 2005 Wheelchairs and mobility technology (one day workshop).
- 2006 Evaluation and treatment of sensory processing disorders (two days workshop).
- 2008 Moving and handling people with special needs (one day workshop).
- 2010 Seating for the elderly (one day workshop).
- 2010 Come to your senses. A one day workshop for therapists working for the ministry of work and social affairs, Ruhama institute, Kfar-Saba, 12 Oct, 2010.
- 2010 Seminar for scoliosis conservative treatment, Tzuba, Feb 3rd, 2011, Israel.
- 2011 Standing up and standing for individuals with special needs, A one day workshop, Jerusalem, September 12th, 2011, Israel.
- 2011 Physical training principles, a 20 hours course for physical therapies, Tel- Aviv, September 18th, 25th, Israel
- 2012 Advanced adaptive Seating, a 40 hour course on theoretical and practical approaches in adapting seating systems and accessories. Feb-May, 2012, Beit Noam, Disabilities studies institute, Kiriath Ono, Israel.
- 2013 Workshop: "Analysis of pre-gait & Gait" an NDT/Bobath approach", conducted by Joan Mohr. Magen Halev, Ashdod Israel, March 3rd 2013
- 2013 A workshop: " Driving to Learn™ using C300 Tiro – the learning tool." Conducted by Lisbeth Nilsson, PhD, OT. Alyn Hospital, Jerusalem, June 9th, 2013.
- 2013 Kinesiology Taping basic and advanced courses, conducted by Dr. Cindy Bailey, Alia Pantorin and Tchiya Eilat, July 1st-3rd, Asaf Harofe Hospital, Israel.
- 2014 Pediatric neuro-rehabilitation using orthotic modification and TheraTogs. conducted by Beverly Cusick, Tel-Hashomer, Ramat-Gan, 8-11, September, 2014
- 2015 Sensory Integration for children with ASD – (32 hours course), The association for children at risk. Tel Aviv,
- 2015 Hydrotherapy course (95 hours), Tel Hashomer therapeutic aquatic center, Sheba hospital, Ramat-Gan, Israel.
- 2015 The wonders of the human brain; A concentrated course regarding updated information on brain function for clinicians (28 hours). Presented by the Sagol center for brain and conciseness. Kfar-Saba, Israel.
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C. EMPLOYMENT HISTORY (as PT)

DATE	LOCATION, POSTION/RANK AND RESPONSIBILITIES
2014-present	Head of therapeutic services. Managing the treatment of 250 multiple handicapped adults with cognitive impairment. Nave Manashe governmental residential center, Manashe regional council, Israel.
2013-2014	Neuro-Developmental Physiotherapist. Treating children age 4-7 with Autism. Hartzit municipality kindergarten, Modiin, Israel.
2005- 2012	Neuro-Developmental Physiotherapist. Treating multiple Handicapped Adults with cognitive impairment. Yad Beyad Hostel, AKIM, Even Yehuda, Israel.
1995 – 2014	Neuro-Developmental Physiotherapist. Treating multipl Handicapped Adults with cognitive impairment. Qwittman residential center, Jerusalem, Israel Elwyn. Israel.
1993 - 2001	Neuro-Developmental Physiotherapist. Treating multiple handicapped children with Intellectual disabilities, including children with ADHD. Beit Issie Shapiro, Ra'anana, Israel.
1992 - 1995	Neuro-Developmental Physiotherapist. Treating various Neurological problems (clumsy, M.B.D., C.P children, ADHD). Child Development Unit, (Kupat Holim Meuhedet) Health and Medical Center Herzlia, Israel.
1989 - 1995	Physiotherapist treating acute and chronic patients (C.H.F., Post M.I, C.O.P.D, C.V.A, Parkinson, Rheumatic, amputees, P.M.D, T.H.R, T.K.R.). Home Care Unit, Ichilov Hospital, Tel Aviv, Israel.
1991 – 1994	Neurological Physiotherapist. Treating mentally and physical impaired adults. Shikma Institute, Ra'anana, Israel.
1989-1991	Health center for babies ("TIPAT HALAV") doing developmental evaluations and clinical intervention for at-risk babies, ages 0-3 years
1988-1991	An AKIM educational day care center ("Maon Halamit") for children with intellectual disabilities, including children with ADHD.

D1. SIGNIFICANT PROFESSIONAL CONSULTING

September, 2016	Advisor on individual activity programs for individuals with RS, UK RS Parent organization, London, UK.
28 th -Aug-3 ^{ed} Sep, 2016	Advisor on individual activity programs for individuals with RS, Italian RS Parent organization, I Girasoli Hotel, Lucignano, Italy
10-15 th of June, 2016	Advisor on individual activity programs for individuals with RS, Polish RS Parent organization, Zabajka-rehabilitation center, Zlotow, Poland
4-7 th of February, 2016	Advisor on individual activity programs for individuals with RS, Hungarian RS Parent organization, Budapest, Hungary
2014- Present	Physiotherapy consultant, in regards to the therapeutic needs of children age 4-7 with Autism. Association for children at Risk. (An Israeli organization for individuals with Autism), Israel.
29 September - 3 October 2014	Advisor on individual activity programs for individuals with RS, Irish RS Parent organization, Athlon, Ireland.
24-31 August 2013	Advisor on individual activity programs for individuals with RS, Italian RS Parent organization, I Girasoli Hotel, Lucignano, Italy.
2013-2016	A member of the International Standard Organization (ISO) within the committee on equipment for individuals with disabilities (TC 173) sub-committee on wheelchairs (SC1), subcommittee on pressure reducing cushions (WG11).
2012-2014	Physiotherapy consultant, in regards to the therapeutic needs of children age 2-4 with Autism. Alutaf (Israeli organization for individuals with Autism), Israel.
June 2012 - 2014	Advisor on motorized seating systems Kfar-Kana institute, Target population are multiple handicapped adults with intellectual disability. Kfar Kana, Israel.
July 2011	Advisor on intervention with individuals with RS, Nordic RS Parent organization, summer camp, Norway.
November 2010	Advisor on intervention with individuals with RS, RS Parent organization, Oslo, Norway.
October 2010	Advisor on intervention with individuals with RS, RS Parent organization, Utrecht, Holland.
January 2009	Advisor on intervention with individuals with RS, developmental unit, Milan, Italy
November 2008	Advisor on intervention with individuals with RS, National Rett syndrome organization, Limerick, Ireland
2007- 2012	Advisor on seating systems Bnei-Simha institute, Target population are multiple handicapped adults with intellectual disability. Petah-Tikva, Israel.
2006- 2009	Advisor on seating systems Ramat-Tveria institute, Target population is multiple handicapped adults with intellectual disability upper Tiberius, Israel.
2005-present	Advisor on seating systems and Snoezelen. Target population is multiple handicapped adults with intellectual disability Elwyn residential centers, Jerusalem, Israel.

1997-Present Member of the national Rett syndrome evaluation and guidance team.
Advising educational and rehabilitative teams around Israel.

D2. Membership in scientific committees

2014-2015	Member of the scientific committee 4 th European congress on Rett syndrome. 30 th Oct-1 st Nov, Rome, Italy.
2015	Member of the scientific committee The 20th International Symposium on Adapted Physical Activity 2015, June 11-15, Wingate, Israel
2015-Present	Member of the scientific committee, World Congress on Rett Syndrome. Kazan, Russia, on May 13-17, 2016.

E. EDUCATIONAL ACTIVITIES

DATE	Name of course	level	Institution(s)
2015 - PRESENT	New technologies in physical therapy rehabilitation	Master's	Ariel University, Ariel
2015 - PRESENT	Physical therapy management of individuals with IDD	Master's	Ariel University, Ariel
2014-PRESENT	Management of individuals with IDD	Master/ Bachelor students	Ariel University, Ariel
2015 - PRESENT	Management of individuals with IDD	Master	Ariel University, Ariel
2014 -PRESENT	Massage – A+B	Bachelor	Ariel University, Ariel
2010 - PRESENT	Pediatrics	Bachelor	Ariel University, Ariel
2006-PRESENT	Technology in rehabilitation	Bachelor	Ariel University, Ariel
2007-2013	Techniques in rehabilitation and ADL	Bachelor	Ariel University, Ariel
2007-PRESENT	Therapeutic exercises	Bachelor	Ariel University, Ariel
2007-2013	Massage - B	Bachelor	Ariel University, Ariel
2007-2013	Massage - A	Bachelor	Ariel University, Ariel
2005-2006	Special education	Master in Music Therapy	Sogn og Fjordane University College, Sandane, Norway
2005-2006	Developmental disabilities	Master in Music Therapy	Sogn og Fjordane University College, Sandane, Norway
2003-2005	Assistive technology	Bachelor	Physical Therapy Department, Faculty for Welfare and Health Haifa University, Israel.
2001-2004	Physical Therapy Program	Diploma in Developmental Therapy Assistants	“Ahia” College, Bnei-Brak Israel

E. RESEARCH STUDENTS

Year of graduation	name of students	degree	University/Institution
2008 – Present	About 40 pairs of students were supervised in accomplishing their final work for receiving their first degree in Physical therapy	B.P.T	Ariel University, Ariel

Master degree supervision

2013 -2014	Dudu Cohen	M.Arts	Haifa University, Haifa (with Dr. Cochavit Elefant)
2015 - present	Hadar Viznitcher	M.Sc. PT	Ariel University, Ariel
2015 - present	Ruth David	M.Sc. PT	Ariel University, Ariel

Ph.D. degree supervision

2012-2014	Aviv Niv	PhD	Haifa University, Haifa (with Prof. Tamar Wise- discontinued)
2013- Present	Yael harel	PhD	Tel-Aviv University (with Prof. Mati Mintz)
2015 - Present	Hila Bak	PhD	Ariel University, Ariel
2016-present	Galia Daub	PhD	Ariel University, Ariel
2017-present	Caroline Barmatz	PhD	Ariel University, Ariel

E1. EVALUATION OF RESEARCH PROJECTS

2011	Abu-Ahmed Amani	MA.O.T	Haifa University, Haifa
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F. EDITOR OR MEMBER OF EDITORIAL BOARD OF SCIENTIFIC OR PROFESSIONAL JOURNAL

1996 - 1998	Initiator Editor and writer of the "Israeli Rett Syndrome Newsletter". A monthly publication (Hebrew).
1999-2007	Editor-in- Chief of the "Integrated therapy" an annual journal presenting issues in the clinical intervention of individuals with intellectual and developmental disabilities (Hebrew).
2007 – present	On the editorial board of the "Journal of pain management". A peer review Journal presenting issues related to pain management.
2008- 2013	Editor -in- Chief of the "Israel Journal on Health of Individuals with Intellectual and Developmental Disabilities" The official electronic journal of the head physician of the section for intellectual and developmental disabilities within the ministry of work and welfare (Hebrew).
2013- present	On the editorial board of the "The Open Access Journal of Science and Technology". A peer review Open Access Journal covering a wide range of scientific disciplines.
2013- present	On the editorial board of the " <i>World Journal of Meta-Analysis (WJMA)</i> ". Peer-reviewed open access (OA) academic journal that aims to guide clinical practice and improve diagnostic and therapeutic skills of clinicians.
2013- present	An associate editor on the Board of Frontiers in Child Health and Human Development; a specialty of Frontiers in Pediatrics and Public Health.
2014- present	Editorial Board Member of the International Journal of Pediatrics And Child Health
2015- present	Editorial Board Member of the journal of the Israeli physical therapy society.
2016-present	Editorial Board Member of the International Journal of Developmental Disability (IJDD).

G. AWARDS, CITATIONS, HONORS, FELLOWSHIPS

May 2000	Special recognition award “for enhancing awareness and understanding on Rett Syndrome”. Presented at the Annual Conference of the International Rett Syndrome Association (IRSA). Las-Vegas, Nevada, U.S.A.
June 2001	Accepting the degree of Mater in Physical therapy (M.Sc.P.T.) Department of physical therapy, Tel-Aviv University, Israel, with honors (Dean excellence) .
May 2008	The Medical Director Prize 2008. Presented by the Head Physician in the Ministry of Work and Social Affairs, Department for care for individuals with intellectual and developmental disability. For scientific and academic work in the area of intellectual disability in Israel.
June 2010	The Mario Goldin award 2009 for best presented work: Objective evaluation of pressure relieving cushions through the use of pressure mapping system. At the annual conference of the Israeli society for rehabilitation.
September 2010	Excellence in teaching, 2009-2010 (TASHA תש"ע-ט) was presented by the Ariel University Campus of Semara. To recognize the innovative and outstanding teaching that takes place every day in classrooms within the academic center.
October 2010	The Medical Director Prize 2010. Presented by the Head Physician in the Ministry of Social Affairs, Department for care for individuals with intellectual and developmental disability. For volunteering in the area of intellectual disability in Israel. Presented at the Annual national conference held by the ministry of welfare, Afeka, Israel.
June 2011	Best poster award presented for the poster entitled: "The proprioceptive system as a contributor to scoliosis in individuals with Rett syndrome - A study with clinical implications". The award was presented at the semi-annual meet of the Israeli society for rehabilitation, Beit Levinstein rehabilitation Hospital, Raanana, Israel.
September 2012	Excellence in teaching, 2010-2012 (TASHA'B תש"עב-ב) was presented by the Ariel University. To recognize the innovative and outstanding teaching that takes place every day in classrooms within the academic center.
May 2013	The Mario Goldin award 2012 for best presented work: Lotan M, Koseff D. "The use of Theratogs with individuals with Rett syndrome, Short term findings; 10 case studies". An oral presentation at the Annual National conference of the Israeli Association for Physical Rehabilitation. 27 Nov. Tel-Aviv. The award was presented at the semi-annual meet of the Israeli society for rehabilitation, Ichilove Hospital, Tel-Aviv.
June 2014	An award “Dedication in Rett Syndrome research”. Presented at the Annual Conference of the International Rett Syndrome Foundation (IRSF). Chantilly, Virginia, U.S.A.

H. REFEREED ARTICLES AND RESEARCH PROPSALS

H.1. Papers reviewed while on the editorial board of the Journal of Pain Management

- 2008 Breau L. Assessing Pain in Children with Intellectual and Developmental Disabilities. *Journal of pain management* 2009;2(1):11-22.
- 2008 Symons FJ, Oberlander TF, Khel LJ. Pain in Individuals with Intellectual and Developmental. *Journal of pain management* 2009;2(1):23-30.
- 2009 Breau L, Camfield C, Camfield P. Development and Initial Validation of the Batten's Observational Pain Scale: A Preliminary Study (accepted).
- 2009 Breau L, Camfield C, Camfield P. The Pain Behavior of Children with Neuronal Ceroid Lipofuscinosis: Variation due to Child Factors and Pain History (Accepted).

H.2. Research proposals reviewed while on the review board of the International Rett Syndrome Research Fund (IRSRF)

year	Name of proposal	Name of researcher
2008	Whole Body Vibration Training for Rett Syndrome	Professor John Christodoulou

H.3. Research proposals reviewed for the National French Research agency (Agence Nationale Recherche ANR)

- 2008 Desipramine Improves Breathing and Life Span in a Mouse Model of Rett Syndrome Doctor Gerard Hilaire PhD
- 2009 Modulators of the bioaminergic metabolism as a treatment in Rett syndrome Doctor Hugues Bienayme, PhD

H.4. Papers reviewed for different journals

- 2003 Carmeli E. Creative problem solving and social cooperation of effective physical therapy practice: A pioneer study of action research. *TheScientificWorldJournal* 2003;3:291-297.
- 2007 White III ED. Predicting energy expenditure for the ambulatory neurologically impaired patient: A feasibility trial with a regression approach. *Int J Disabil Hum Dev* 2007;6(3): 301-308.
- 2008 Using an Active Learning Play Space and Social Interaction to Increase a Child with Rett Syndrome's Object Exploration. *International Journal of Disability, Development, & Education* (was not published)
- 2008 De Felice C, Ciccoli L, Leoncini S, Signorini C, Rossi M, Vannuccini L, Guazzi G, Latini G, Comporti M, Valacchi G, Hayek J. Unrecognized chronic hypoxia, systemic oxidative stress, impaired pulmonary gas exchanges and interstitial lung disease in Rett syndrome. **THE LANCET**-D-08-05682 (was not published).
- 2010 Movement skills of young versus older adults with Down Syndrome. *Physiotherapy research international*.
- 2010 The use of motion interactive games to promote physical activity and enhance motor performance in children with cerebral palsy: a feasibility study. *Physical Therapy*. Manuscript ID:PTJ-2010-0088
- 2010 Roende G, Ravn K, Fuglsang K, Andersen H, Vestergaard A, Brøndum-Nielsen K, Jensen JEB, Nielsen JB. Patients with Rett syndrome sustain low-energy fractures. *Pediatric Research*, Manuscript Number: 10-PR-07-0316. Accepted.

- 2010 Chun-Ming H, Gwo-Jen H, Jiun-ming L. Effects of interactively computerized virtual reality on achievements and attitudes of pupils- a case study on a natural science course. WSEAS Transactions on Information Science and Applications. Manuscript Number: 52-355. (Under evaluation)
- 2011 JPESM -11- 013. A consideration of the Relationship between Fitness and Mental preparation of non-athlete and athlete students in Alame Tabatabae'i university-Iran. Journal of Physical Education and Sport Management. (Rejected)
- 2011 DHJO-D-11-00027. The Comparison of Physical Fitness Levels of Women with Mental Retardation and Non-Retarded Women. Disability and Health Journal (Rejected).
- 2012 Pain in People with Developmental Disabilities: A Scoping Review. A review for the Journal on intellectual disability. 18026-11-126.
- 2012 DN-D-12-00004 - Simão F, Antola J, Lahorgue Nunes M. Effects of enriched environment in spatial learning and memory of immature rats submitted to early undernourishment and seizures. International Journal of Developmental Neuroscience.
- 2012 Vashdi E. Using VML (Verbal Motor Learning) method techniques in treatment of prosody disorder due to childhood apraxia of speech – A case study. International Journal of Child Health and Human Development (IJCHD).
- 2012 Cuskelly M, Moni KB, Lloyd J, and Jobling A. Reliability of a method for establishing the capacity of individuals with an intellectual disability to respond to Likert scales. RIDD-D-12-00189.
- 2012 Saenz de Urturi Bretón, Zelai. Kinect Games & Wheelchairs: Measuring the User Experience. International journal on disability and Human development. IJDHD.2012.0101.
- 2012 Validity of a pictorial rate of perceived exertion scale for monitoring exercise intensity in young adults with Down Syndrome. International Journal of Developmental Disabilities.
- 2012 The efficiency of electrical stimulation in chronic diabetic wounds – A literature review. Israeli Journal of physical therapy. Accepted with major revisions. [Hebrew]
- 2012 Carmeli E, Imam B, Levi r, & Merrick J. Hand grip strength is associated with body sway rate among older adults with intellectual disability Journal of Intellectual Disability Research - Manuscript ID JIDR-11-2012-0229-OM
- 2013 AMSCI-D-12-00709 - Exercise intervention to reduce depressive symptoms in adults with intellectual Disabilities. Perceptual & Motor Skills
- 2013 JDD125 - Health Morbidity and Access to Services by Young Adults with Down Syndrome. International Journal of Developmental Disabilities.
- 2013 ijdhd-2012-0140 - Mikołajewska, E. NDT-Bobath method in post-stroke rehabilitation in the population of young adults. International journal on disability and Human development
- 2013 100005 - Hans-Rudolf Weiss & Sarah Seibel. Can Surface Topography replace Radiography in the Management of Patients with Adolescent Idiopathic Scoliosis. OAJOST Orthopedics / Rehabilitation
- 2013 RIDD-D-13-00165 - Tobias Vogt, Stefan Schneider, Volker Anneken, Heiko K. Strüder. Moderate cycling exercise decreases frontal electrocortical activity and N2 latency in intellectual Disability. Research in Developmental Disabilities. (Accepted)

- 2013 2296-2565 - Zabalia M. Beyond misconceptions: Can we assess pain in children with cognitive impairment? *Frontiers in child health and Human development*. (Accepted)
- 2013 Leisman G, Zaki Mualem R, Machado C. The integration of the neurosciences, child public health and education practice: Hemisphere specific remediation strategies as a discipline partnered rehabilitation tool in ADHD. *Frontiers in child health and Human development*.
- 2013 Manuscript ID: ijdhd-2013-0028 - Jacob T, Bruill M, Cahana C. Physiotherapy services for people with developmental disabilities from a legal perspective. *International Journal on Disability and Human Development*
- 2013 *Journal of Autism and Developmental Disorders*. Manuscript Number: JADD-D-13-00317. Neurophysiological responses to music and vibroacoustic stimuli in Rett syndrome. Rejected.
- 2013 Manuscript ID: ijdhd-2013-0036. Salgamcıoğlu BK. Age-related disability in bathing: A review of the research literature. *International Journal on Disability and Human Development*.
- 2014 Frontal Brain Asymmetry to Measure Affective Responses to Acute Exercise in Persons with Intellectual Disabilities. *International Journal of Developmental Disabilities - JDD176*
- 2014 Donna Koller, Amy McPherson, Ilana Lockwood, Stefanie Blain-Moraes, Jason Nolan. The Impact of Snoezelen in Pediatric Complex Continuing Care: A Pilot Study. *Disability and Rehabilitation*. Manuscript ID:TIDS-06-2014-059.
- 2014 Jefferson A, Fyfe S, Downs J, Woodhead H, Jacoby P, Leonard H. BONE-D-14-00864R1 - Longitudinal bone mineral content and density in Rett syndrome and their contributing factors.
- 2014 Tyagi A, Mattu S. A Survey On Physical Activity Of Disabled Person. *International Journal on Disability and Human Development*. Manuscript ID: ijdhd-2014-0014
- 2015 Lor L, Hill K, Jacoby P, Leonard H, Downs J. validation study of the modified Bouchard activity record that extends the concept of uptime to Rett syndrome. *Developmental Medicine & Child Neurology – DMCN-OA-15-03-0130*, Submitted, 02-Mar-2015.
- 2015 Frederick R, Carrick K, McLellan J, Brandon B, Cagan R, and Oggero E. Evaluation of the effectiveness of a novel brain and vestibular rehabilitation treatment modality in PTSD patients who have suffered combat related traumatic brain injuries, *Frontiers in Public Health*, submitted 15 Nov 2014.
- 2015 Visuospatial Orientation Learning through Virtual Reality for People with Severe Disability. *International Journal of Disability, Development and Education*. CIJD-2015-0042.
- 2015 Functional abilities in aging women with Rett syndrome. *Disability and Rehabilitation*. TIDS-09-2015-091. submitted September 2015
- 2016 Kuil-Kreukniet E, Bruns A, Post W, van der Putten A. The reliability and construct validity of the Rotterdam Elderly Pain Observation Scale (REPOS) in adults with profound intellectual and multiple disabilities. RIDD-D-15-00670 - rejected
- 2016 Leisman G, Moustafa AA, Shafir T. Thinking, Walking, Talking: The Development of Integratory Brain Function. Submitted to *frontiers journal*.
- 2016 Unknown authors. Visuospatial Orientation Learning through Virtual Reality for People with Severe Disability. *International Journal of Disability, Development and Education*. CIJD-2016-0008.
- 2016 Unknown authors. Long term symptom reduction following preschool Autism Treatment. *THELANCET-D-16-03734*
- 2016 Unknown authors. Choice making in Rett syndrome; a descriptive study using video data. *Disability and rehabilitation*. TIDS-04-2016-075.
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I.1. SCIENTIFIC PUBLICATIONS (ENGLISH)

Total # of articles: 65

H Index - 19

Total # of Citations: 847

1. **Lotan M**, Pick C, Defrin R. Pain Behavior of Individuals with Cognitive Impairment: Comparison of Two Pain Measurements. *Neural Plasticity*, 2002;9(2);99. (IF 2002 = 0.415 / IF 5 year= 3. 63 Citations = 0)
2. Carmeli E, Bar-Chad S, **Lotan M**, Merrick J, Coleman R. Five Clinical Tests to Assess Balance Following Ball Exercises and Treadmill Training in Adult Persons With Intellectual Disability. *J Gerontol A Biol Sci Med Sci*. 2003 Aug; 58(8): M767-M772. (Journal IF =5.146 / IF 5 year= 3. 63 Citations = 35)
3. **Lotan M**, Hadar-Frumer M. Aquatic Rehabilitation for Individuals with Rett Syndrome. *Aquatic Physical Therapy* 2004;12(1): 6-16. (Journal IF = Citations =2)
4. **Lotan M**, Isakov E, Merrick J. Improving functional skills and physical fitness in children with Rett syndrome. *J Intell Disabil Res*, 2004, 48 (8):730-735. (Journal IF = 1.029 / IF 5 year= 2. 26 Citations = 60)
5. **Lotan M**, Merrick J. Rett syndrome Management with Snoezelen or controlled multi-sensory environment. A review. *Int J Adolesc Med Health* 2004;16(1):5-12. (Journal IF = 0.707 /IF 5 year= 0.00 Citations = 10)
6. Merrick J, Cahana C, **Lotan M**, Kandel I, Carmeli, E. Snoezelen or Controlled Multisensory Stimulation. Treatment Aspects from Israel. *TheScientificWorldJournal*, 2004;4, 307–314. (Journal IF = 1.73 /IF 5 year= 1.6 Citations = 9)
7. **Lotan M**, Isakov E, Kessel S, Merrick J. Physical fitness and functional ability of children with intellectual disability: Effects of a short-term daily treadmill intervention. *ScientificWorldJournal* 2004;(4):449-457. (Journal IF =1.73/IF 5year=1.6 Citations = 42)
8. Elefant C, **Lotan M**. Rett syndrome: Dual intervention – music and physical therapy. *Nordic journal of music therapy*, December 2004;13(2):172-182. (Journal IF =0.89 /IF 5year=0.00 Citations = 29)
9. **Lotan M**, Merrick J, Carmeli E. Physical activity in adolescence. A review with clinical suggestions. *Int J Adolesc Med Health* 2004;16(4):13-21. (Journal IF = 0.707 /IF 5 year= 0.00 Citations = 36)
10. **Lotan M**, Merrick J, Carmeli E. A review of physical activity and well-being. *Int J Adolesc Med Health* 2005;17(1):23-31. (Journal IF = 0.707 /IF 5 year= 0.00 Citations = 28)
11. **Lotan M**, Shapiro M Management of young children with Rett disorder in the controlled multi-sensory (Snoezelen) environment. *Brain Dev*. 2005 Nov;27 Suppl 1:S88-94. (Journal IF = 1.452 /IF 5 year= 2.988 Citations = 31)
12. **Lotan, M**. Merrick J, Carmeli E. Scoliosis Management in Rett Syndrome –A Case Study. *ScientificWorldJournal* 2005; 5: 264-273. (Journal IF =1.73/IF 5year=1.6 Citations = 18)
13. **Lotan M**, Henderson CM, Merrick J. Physical activity for adolescents with intellectual disability. *Minerva Pediatr*. 2006 Jun;58(3):219-226. (Journal IF = 0.433 /IF 5 year= 0.00 Citations = 27)
14. **Lotan M**, Elefant, C. Physiotherapy and music therapy for a girl with Rett syndrome – a dual treatment approach. *Fysioterapeuten*, February 2006; nr.2: 15-20. (Journal IF = 0.00 /IF 5 year= 0.00 Citations = 0)
15. Merrick J, **Lotan M**, Morad M, Kandel I. Rett syndrome and aging. *Int J Disabil Hum Dev* 2006;5(1): 23-26. (Journal IF = 0.59 /IF 5 year= 0.00 Citations = 0)
16. **Lotan M**. Snoezelen and Down syndrome. Physical therapy intervention, a review with clinical implications. *Int J Disabil Hum Dev* 2006;5(4): 385-389. (Journal IF = 0.59 /IF 5 year= 0.00 Citations = 0)

17. **Lotan M.** Snoezelen and Down syndrome. Physical therapy intervention, theoretical background and a case study *Int J Disabil Hum Dev* 2006;5(4):337-41. (Journal IF = 0.59 /IF 5 year= 0.00 Citations = 0)
18. **Lotan, M,** Manor-Binyamini I, Elefant C, Wine J, Saraf E, Yoshei T. The Israeli Rett Syndrome Center. Evaluation According to the Transdisciplinary Play-Based Assessment. *ScientificWorldJournal* 2006;6:1302–13. (Journal IF =1.73/IF 5year=1.6 Citations = 7)
19. Defrin R, **Lotan M,** Pick CG. The evaluation of acute pain in individuals with cognitive impairment: A differential effect of the level of impairment. *Pain* 2006; 124(3):312-20. (Journal IF =4.836 /IF 5year=6.24 Citations = 59)
20. Zysman L, **Lotan M,** Ben-Zeev B. Osteoporosis in Rett syndrome: a study on normal values. *ScientificWorldJournal* 2006;6:1619–30. (Journal IF =1.73/IF 5year=1.6 Citations = 19)
21. **Lotan M,** Hanks S. Physical therapy intervention for individuals with Rett syndrome. *ScientificWorldJournal* 2006;6:1314–1338. (Journal IF=1.73/IF 5year=1.6 Citations = 7)
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 22. **Lotan Meir**, Elefant Cochavit, Merrick Joav. Undiagnosed adults with Rett syndrome. Chapter 16. In: Merrick J (Ed): Public health; Some international aspects. New York; Nova biomedical, pp. 199--210, 2016.
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L. ACTIVE PARTICIPATION IN SCIENTIFIC MEETINGS

L.1. INVITED LECTURES AT MEETINGS AND SEMINARS

YEAR	NAME OF MEETING, CITY, COUNTRY
May 2000	<u>Lotan, M.</u> Physical Management Strategies for Children with Rett Syndrome. Presented at the Annual Conference of the International Rett Syndrome Association (IRSA). Las-Vegas, Nevada, U.S.A.
May 2000	<u>Lotan, M.</u> Physical Management Strategies for Children with Rett Syndrome. Presented at the Annual Conference of the International Rett Syndrome Association (IRSA). Las-Vegas, Nevada, U.S.A.
Oct. 2001	<u>Lotan, M.</u> Management of Scoliosis in Rett Syndrome – A Case Study. Presented at the National conference on Rett syndrome. Northampton, England.
Oct. 2001	<u>Elefant, C. & Lotan, M.</u> A Transdisciplinary Approach - Music and Physical Therapy for Children with Rett Syndrome. Presented at the National Conference on Rett Syndrome. Northampton, England.
August 2007	<u>Lotan M.</u> Rehabilitation for individuals with Ret syndrome. A 3 days workshop presented at the international therapeutic horse back riding conference, Pachuka, Mexico.
October 2008	<u>Lotan M.</u> Scoliosis in Rett syndrome - physical therapy strategies. Rett syndrome world conference, October 12 th Paris, France.
October 2008	<u>Lotan M.</u> Treating severe cases of scoliosis that have not been operated, in adults with Rett syndrome. Rett syndrome world conference, October 12 th Paris, France
November 2008	<u>Lotan M.</u> The time is now – appropriate therapeutic intervention for individuals with Rett Syndrome: A keynote presentation at the annual conference of the Irish Rett syndrome association. November 2 nd , Limerick, Ireland.
November 2008	<u>Lotan M.</u> Physical therapy programs for individuals with Intellectual and developmental disability –A workshop for physical therapists working with this population November 2 nd , Limerick, Ireland.
January 2009	<u>Lotan M.</u> The time is now – appropriate therapeutic intervention for individuals with Rett Syndrome: A keynote presentation at the annual conference of the Italian Rett syndrome association. January 23 rd -26 th , Milan, Italy.
September 2010	<u>Lotan M.</u> The time is now – appropriate therapeutic intervention for individuals with Rett Syndrome: A keynote presentation at the annual conference of the Dutch Rett syndrome association. September 24 th -26 th , Amsterdam, Holland.
October 2010	<u>Lotan M, Aminadav, H, Yosef, H.</u> Pain in individuals with intellectual disability, evaluation and management. A presentation at the biannual national conference on health in intellectual disability. October 6 th , Ramat Efal, Israel.
October 2010	<u>Lotan M.</u> The time is now – appropriate therapeutic intervention for individuals with Rett Syndrome: A keynote presentation at the annual conference of the Norwegian Rett syndrome association. October 22 rd -24 th , Oslo, Norway.
May 2011	<u>Lotan M.</u> The time is now – appropriate therapeutic intervention for

	individuals with Rett Syndrome: A keynote presentation at the annual conference of the Danish Rett syndrome association. May 27 th -29 th , Copenhagen, Denmark
March, 2012	<u>Lotan M.</u> The time is now – appropriate therapeutic intervention for individuals with Rett Syndrome: A keynote presentation at the annual conference of the Swedish Rett syndrome association. March 24, Stockholm, Sweden.
May, 2012	<u>Lotan M.</u> Adults with Rett syndrome – Characteristics and implications for clinicians and researchers. A presentation at the annual conference of the Italian Rett syndrome association. May 17-18, Naples, Italy.
May, 2012	<u>Lotan M.</u> A new intervention for severe osteoporosis in a child with RS. A presentation at the annual conference of the Italian Rett syndrome association. May 17-18, Naples, Italy.
June, 2012	<u>Lotan M.</u> Physical therapy for individuals with Rett syndrome – why we need appropriate therapeutic intervention for individuals with Rett Syndrome: A presentation at the world Rett syndrome Congress. June 22-24, New-Orleans, USA.
June, 2012	Budden S, Elefant C, Luse C, Bartolotta T, <u>Lotan M.</u> Appropriate intervention strategies for individuals with Rett Syndrome: A round table experts' workshop at the world Rett syndrome Congress. June 22-24, New-Orleans, USA.
June, 2012	<u>Lotan M.</u> A talk entitled: "Clinical Problem: Motor Issues" within a workshop entitled: Clinician Medical Education Seminar (other speakers at the workshop: Alan Percy, Motil K, Daniel Glaze) at the world Rett syndrome Congress. June 22-24, New-Orleans, USA.

L.1. INVITED LECTURES AT MEETINGS AND SEMINARS (since last promotion)

Sep. 2013	<u>Lotan M.</u> A talk entitled: Physical therapy for individuals with Rett syndrome: A keynote presentation at the annual conference of the Irish Rett syndrome association. September 28 th , Athlone, Ireland.
May 2014	<u>Lotan M.</u> physical therapy intervention for scoliosis in individuals with Rett syndrome. A presentation at the annual conference of the Italian Rett syndrome association. May 9-10, Trento, Italy.
June 2014	<u>Lotan M.</u> 24/7 physical therapy intervention for individuals with Rett syndrome. A presentation at the annual conference of the Israeli Rett syndrome association. June 11, Sheba Hospital, Ramat-Gan, Israel.
June 2014	<u>Lotan M.</u> Walking and talking with Rett syndrome - Physical therapy intervention for individuals with Rett syndrome. A presentation at the annual conference of the International Rett syndrome foundation. June 26-28, Chantilly, Virginia USA.
Sep. 2015	<u>Lotan M.</u> The wheelchair test- a tangible means to acquire a complex motor task. The 10TH International Conference on Quality, Mobility, and Globalization in Higher Education – A Comparative Look at the Challenges of Academic Teaching, September 7 th 2015, Ariel.
Oct. 2015	<u>Lotan M.</u> Virtual reality as means to improve balance and physical fitness in individuals with Intellectual and developmental disability. An

- oral presentation at a conference for clinical physical therapy instructors. October 15th, Tel-Aviv.
- Oct. 2015 **Lotan M.** Physical therapy for Rett (final format to be determined). An invited oral presentation at the Annual Rett syndrome conference UK. 9th -11th Oct, 2015, England.
- Oct-Nov. 2015 **Lotan M.** Update on rehabilitation programs across the globe. An invited oral presentation at the 4th European Rett syndrome conference. 28th Oct-1st Nov, Rome, Italy.
- Oct-Nov. 2015 **Lotan M.** Conventional physical therapy intervention for scoliosis in individuals with Rett syndrome. An invited oral presentation at the 4th European Rett syndrome conference. 28th Oct-1st Nov, Rome, Italy.
- Oct-Nov. 2015 **Lotan M.** The connection between hand mannerisms and scoliosis in individuals with Rett syndrome. An invited oral presentation at the 4th European Rett syndrome conference. 28th Oct-1st Nov, Rome, Italy.
- Oct-Nov. 2015 **Lotan M.** Losing and regaining walking ability. An invited oral presentation at the 4th European Rett syndrome conference. 28th Oct-1st Nov, Rome, Italy.
- Oct-Nov. 2015 **Lotan M.** Enhancing walking ability in an adult through Applied behavior analysis. An invited presentation at the 4th European rett syndrome conference. 28th Oct-1st Nov, Rome, Italy.
- Nov. 2015 **Lotan M.** Assessment of the Conductive Education (PETO) Intervention for children with Rett syndrome. An invited presentation at the Annual Rett syndrome conference 26th-28th Nov, 2015, Geelong, Australia.
- Nov. 2015 **Lotan M.** Therapeutic management of Rett syndrome. An invited presentation at the Annual Rett syndrome conference 26th-28th Nov, 2015, Geelong, Australia.
- Nov. 2015 **Lotan M.** Adults with Rett syndrome. An invited presentation at the Annual Rett syndrome conference 26th-28th Nov, 2015, Geelong, Australia.
- Feb. 2016 **Lotan M.** Therapeutic management of Rett syndrome. An invited presentation at the Annual Rett syndrome conference, 4-7th of February Budapest, Hungary.
- May 2016 **Lotan M.** Rett Syndrome, the clinical manifestation. An oral presentation given at the VIII Rett syndrome World Congress. May 13-17, 2016, Kazan, Russia.
- May 2016 **Lotan M.** Centers for children with Rett syndrome. The role of a team of specialists to provide personalized assistance to a child with Rett syndrome – The Israeli model. An oral presentation given at the VIII Rett syndrome World Congress. May 13-17, 2016, Kazan, Russia.
- May 2016 **Lotan M.** Physical therapy for RS approaches and practices. An oral presentation given at the VIII Rett syndrome World Congress. May 13-17, 2016, Kazan, Russia.
- May 2016 **Lotan M.** Walking in Rett syndrome. An oral presentation given at the VIII Rett syndrome World Congress. May 13-17, 2016, Kazan, Russia.
- June 2016 **Lotan M.** Orthopedic problems in Rett syndrome and the effect of orthopedic surgery. An oral presentation given at the Annual Rett syndrome Conference. June 11-15, 2016, Zabajka rehabilitation center, Poland.
- June 2016 **Lotan M.** (Functional alignment Core training) FACT for individuals with Rett syndrome muscle involvement and functional improvements.
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An oral presentation given at the Annual Rett syndrome Conference. June 11-15, 2016, Zabajka rehabilitation center, Poland.

L.2. PRESENTATIONS & POSTER SESSIONS

YEAR	NAME OF MEETING, CITY, COUNTRY, DATES
May 2000	Lotan, M. & Hasdai, A. Teaching Motorized Mobility to Adults with Cognitive Impairment and Severe Physical Disability. Presented at the Annual International conference of the AAMR, Washington, D.C., U.S.A.
May 2000	Lotan, M. Management of Scolosis in Rett Syndrome – A Case Study. Presented at the Annual International Conference of the AAMR, Washington, D.C., U.S.A.
May 2001	Lotan, M. & Burnstein, S. Influence of a Treadmill Training Program on Adults with Cognitive Impairment. Presented at the Israeli Annual National Conference on Rehabilitation.
May 2001	Lotan, M. & Burnstein, S. Influence of a Treadmill Training Program on Adults with Cognitive Impairment. Presented at the Annual National Conference on Mental Retardation, Israel.
May 2001	Lotan, M. & Burnstein, S. Short Term Effects of Leg Elevation on Edema in Lower Limbs. Presented at the Annual Meeting of the Israeli Physical Therapy Association.
May 2001	Lotan, M. & Isakov, E. Influence of a Treadmill Daily Training Program on Four Children with Rett Syndrome. Presented at the Annual Meeting of the Israeli Physical Therapy Association.
May 2000	Lotan, M. & Burnstein, S. Influence of a Treadmill Training Program on Adults with Cognitive Impairment. Presented at the Annual Meeting of the Israeli Physical Therapy Association.
Oct. 2001	Lotan, M. Physical Therapy for Individuals with Rett Syndrome – A New Directions. Presented at the National Conference for Rare Diseases. Eylat, Israel.
Nov. 2002	Lotan, M., Pick, C. & Defrin, R. Pain Behavior of Individuals with Cognitive Impairment: Comparison of Two Pain Measurements. A poster session at the Annual National Conference of the Israeli Society for Pain, Tel-Aviv, Israel.
Nov. 2002	Lotan M, Pick C, Defrin R. Pain Behavior of Individuals with Cognitive Impairment: Comparison of Two Pain Measurements. A poster session at the Annual National Conference of the Israeli Society for Neuroscience, Eylat, Israel.
May 2003	Lotan M, Pick C, Defrin R. Pain Behavior of Individuals with Cognitive Impairment: Comparison of Two Pain Measurements. A poster presented at the Annual International Conference of the American Association for Mental Retardation (AAMR). Chicgo, USA.
May 2003	Lotan M, Burnstein S. Influence of a Treadmill Training Program on Adults with Cognitive Impairment. A poster presented at the Annual International Conference of the American Association for Mental Retardation (AAMR). Chicago, USA.
May 2003	Lotan M. Physical therapy intervention programs for seniors with intellectual disabilities. A presentation during a panel on elderly with intellectual disability. The Annual International Conference of the American Association for Mental Retardation (AAMR). Chicago, USA.

- May 2003 **Lotan M, Cahana C.** The multi sensory environment (Snoezelen); a new potential therapeutic environment for physical therapists. The annual Israeli Physical Therapy Association, Dead-sea, Israel.
- May 2004 **Lotan M.** To enable and Measure. Measuring the effectiveness of the multi-sensory environment. A lecture at an international conference on Snoeselen in Herzelia, Israel.
- May 2004 **Lotan M.** Influence of a treadmill Training Program on Adults with Cognitive Impairment. The annual Israeli Physical Therapy Association. Tel Aviv, Israel.
- June, 2004 **Lotan M.** Improving staff and resident well-being using the multi-sensory treatment: Four case studies with washout periods. A poster session at the Annual International Conference of the American Association for Mental Retardation (AAMR). Philadelphia, USA.
- June, 2004 **Lotan M.** The multi-sensory intervention as an additional environment for physical therapy: Two case studies. A poster session at the Annual International Conference of the American Association for Mental Retardation (AAMR). Philadelphia, USA.
- March, 2005 **Lotan M,** Wein J, Elefant C, Sharf A, Yoshei Y. The Rett syndrome evaluation center in Israel. A play based assessment model. A poster presented at the annual Israeli Physical therapy association conference, Dead sea, Israel.
- March, 2005 **Lotan M,** Freund H. Orthopedic screening of individuals with cognitive disability. A lecture presented at the annual Israeli Physical therapy association conference, Dead sea, Israel.
- October, 2005 **Cahana C,** Lotan M. Beyond intervention – The added value of the snoezelen intervention for individuals applying this approach. A poster presentation at the International Conference for professionals, Toronto, Canada October 20 - 23, 2005.
- October, 2005 **Cahana C,** Lotan M. Beyond intervention – The added value of the snoezelen intervention for individuals applying this approach. A lecture presented at the international Snoezelen conference in Holland.
- November, 2006 Yelon-Himovich Shira, **Lotan M,** Weiss Tamar. Using virtual reality as recreational activity and as a program to Improve physical fitness of adults with Intellectual disability, preliminary findings. National conference of the Israeli association for physical rehabilitation. Air-port city, Israel.
- March 2007 Yelon-Himovich Shira, **Lotan M,** Weiss Tamar. Using virtual reality as recreational activity and as a program to Improve physical fitness of adults with Intellectual disability, preliminary findings. Annual conference of the Israeli physical therapy society Tel-Aviv, Israel.
- March 2007 **Lotan M.** Comparison of balance abilities of individuals with and without intellectual and developmental disabilities. Annual conference of the Israeli physical therapy society Tel-Aviv, Israel.
- June 2007 Freund H, **Lotan M.** An organized intervention approach for pressure sore prevention. Annual conference on care for individuals with intellectual and developmental disabilities, Haifa, Israel
- June 2007 **Lotan M,** Gat M, Dickstein R. A new scale for pressure sore prediction for individuals with intellectual and developmental disabilities. Annual conference on care for individuals with intellectual and developmental disabilities, Haifa, Israel

- June 2007 **Lotan M.** Comparison of balance abilities of individuals with and without intellectual and developmental disabilities. Annual conference on care for individuals with intellectual and developmental disabilities, Haifa, Israel.
- June 2007 **Lotan M.** Ljunggren AE, Johnsen TB, Defrin R, Pick C.G, & Strand LI. The PCIDD, a new scale for evaluating pain in individuals with intellectual and developmental disabilities. Annual conference on care for individuals with intellectual and developmental disabilities, Haifa, Israel
- June 2007 **Elefant C, Lotan M.** The Rett syndrome evaluation center in Israel. A play based assessment model. Presented at the International music therapy conference, Bergen, Norway.
- June 2007 **Elefant C, Lotan M.** A Transdisciplinary Approach - Music and Physical Therapy for Children with Rett Syndrome. Presented at the International music therapy conference, Bergen, Norway.
- July 2007 Yelon-Himovich Shira, **Lotan M.**, Weiss Tamar. Using virtual reality as recreational activity and as a program to Improve physical fitness of adults with Intellectual disability, preliminary findings. 16th Annual conference of the Israeli occupational therapy association Shfaym, Israel.
- May 2008 **Meir Lotan.** Improving Staff and Residents' Well-Being Using the Multi-Sensory Treatment ("Snoezelen"). YAI annual international conference, 7-9 May, New-York.
- May 2008 **Shira Yalon-Chanovitz, Patrice L. (Tamar) Weiss and Meir Lotan.** Virtual Reality as Fitness Program and as Leisure Activity for Adults with Intellectual and DD. YAI annual international conference, 7-9 May, New- York.
- May 2008 **Meir Lotan** Comparison of balance abilities of individuals with and without intellectual and developmental disabilities. Biannual national conference on health and welfare of individuals with intellectual and developmental disabilities, Kfar-Saba, Israel
- May 2008 **Meir Lotan** The added value of the Controlled Multi-Sensory Environment (CMSE)\Snoezelen. Biannual national conference on health And welfare of individuals with intellectual and developmental disabilities, Kfar-Saba, Israel
- May 2008 **Meir Lotan.** A new scale for measuring pain in individuals with IDD Biannual national conference on health and welfare of individuals with intellectual and developmental disabilities, Kfar-Saba, Israel
- May 2008 Gat M, **Lotan M.**, Dickstein R. A new scale for pressure sore prediction for individuals with intellectual and developmental disabilities. Biannual national conference on health and welfare of individuals with intellectual and developmental disabilities, Kfar-Saba, Israel
- May 2008 Freund, H., & **Lotan, M.** An organized intervention approach for pressure sore prevention. Biannual national conference on health and welfare of individuals with intellectual and developmental disabilities, Kfar-Saba, Israel
- October 2008 **Lotan M.** The snoezelen approach for individuals with Rett syndrome Rett syndrome world conference, October 12th Paris, France.
- October 2008 **Lotan M.**, Saraf, E., Elefant C., Wine, J. The Israeli Rett syndrome center. Evaluation and trans disciplinary play based assessment. Rett syndrome world conference, October 12th Paris, France.

- October 2008 **Lotan M**, Improving functional skills and physical fitness in children with Rett Syndrome Rett syndrome world conference, October 12th Paris, France.
- November 2008 **Meir Lotan**, Shira Yalon Chanovitz, and Patrice L. (Tamar) Weiss. Virtual Reality as means to improve physical fitness of adults with Intellectual and Developmental disabilities a series of research projects. Israeli rehabilitation society annual conference, Sheba Hospital, Ramat-Gan, Israel.
- February 2009 Patrice L. (Tamar) Weiss, Shira Yalon Chanovitz, and **Meir Lotan**, Virtual reality. Presented at the Israeli social workers annual conference (Homesh). Tel-Aviv, Israel.
- February 2009 Shira Yalon Chanovitz, **Meir Lotan**, and Patrice L. (Tamar) Weiss. Best practice model for implementing Virtual reality with individuals with intellectual and developmental disabilities: a first draft. Presented at the Israeli social workers annual conference (Homesh). Tel-Aviv, Israel.
- February 2009 **Meir Lotan**, Shira Yalon Chanovitz, and Patrice L. (Tamar) Weiss. Virtual Reality as means to improve physical fitness of adults with Intellectual and Developmental disabilities a series of research projects. Presented at the Israeli social workers annual conference (Homesh). Tel-Aviv, Israel.
- June 2009 **Meir Lotan**, Shira Yalon Chanovitz, and Patrice L. (Tamar) Weiss. Virtual Reality as means to improve physical fitness of adults with Intellectual and Developmental disabilities a series of research projects. Presented at the Israeli biannual conference on IDD. Tel-Aviv, Israel.
- June 2009 Shira Yalon Chanovitz, **Meir Lotan**, and Patrice L. (Tamar) Weiss. Best practice model for implementing Virtual reality with individuals with intellectual and developmental disabilities: a first draft. Presented at the Israeli biannual conference on IDD. Tel-Aviv, Israel.
- June 2009 Patrice L. (Tamar) Weiss, Shira Yalon Chanovitz, and **Meir Lotan**, Virtual reality. Presented at the Israeli biannual conference on IDD. Tel-Aviv, Israel.
- November 2009 **Lotan, M** Gat, M., & Dickstein R. A new scale for pressure sore prediction for individuals with intellectual and developmental disabilities using a pressure mapping system. Annual National conference of the Israeli association for physical rehabilitation. Air-port city, Israel.
- November 2009 **Lotan, M**. Ljunggren AE, Johnsen TB, Moe Nielsen R, & Strand LI. The NCAPC, A new scale for measuring pain in individuals with IDD. Annual National conference of the Israeli association for physical rehabilitation. Air-port city, Israel.
- November 2009 **Lotan, M** Gat, M., & Dickstein R. An objective comparison of the quality of pressure relieving cushions using a pressure mapping system. Annual National conference of the Israeli association for physical rehabilitation. Air-port city, Israel.
- November 2009 **Lotan, M** Regaining walking abilities in a woman with Rett syndrome. Annual National conference of the Israeli association for physical rehabilitation. Air-port city, Israel.

- May 2010 Shira Yalon-Chamovitz, Meir Lotan, Patrice L. (Tamar) Weiss. Lessons learned towards a best practices model of virtual reality intervention for individuals with intellectual and developmental disability. A poster presented at the 15th World Congress of the world federation of occupational therapists, 4-7 May, Santiago, Chile.
- June 2010 Lotan M. Regaining walking in individuals with Rett syndrome – A case study. A poster presented at the IRSF's 11th Annual international Rett syndrome Symposium, June 27th –29th 2010, Leesburg, Virginia.
- October 2010 Lotan M. The time is now – appropriate therapeutic intervention for individuals with Rett Syndrome. A presentation at the biannual national conference on health in intellectual disability. October 6th, Ramat Efal, Israel.
- October 2010 Lotan M, Mariëlle P. Physical therapy intervention for scoliosis in individuals with Rett syndrome – six case studies 2nd European conference on Rett syndrome. October 7th-10th, 2010, Edinburgh, Scotland.
- October 2010 Schenker R, Wine J, Balali R, Downs J, Lotan M, The conductive environment – does it enhance function of children with Rett syndrome? A pilot study. 2nd European conference on Rett syndrome. October 7th-10th, 2010, Edinburgh, Scotland.
- November 2010 Lotan M, The time is now – appropriate therapeutic intervention for individuals with Rett Syndrome. A presentation presented at the bi-Annual national conference of the Israeli association for child development and rehabilitation. 16th November, 2010, Jerusalem
- November 2010 Lotan M, Itah D, Levi H. Scoliosis in Rett syndrome and the proprioceptive system – A direction for intervention. A poster presented at the bi-Annual national conference of the Israeli association for child development and rehabilitation. 16th November, 2010, Jerusalem
- November 2010 Rony Schenker, Judy Wine, Racheli Balali, Jenny Downs, Meir Lotan The conductive education and Rett syndrome – measurement of improvement over a two years period. A poster presented at bi-Annual national conference of the Israeli association for child development and rehabilitation. 16th November, 2010, Jerusalem.
- November 2010 Lotan M, Sade S.P, Sinuani BZ. Fear of movement in Rett syndrome and the proprioceptive system. Recent findings and suggestions for intervention. A presentation presented at the bi-Annual national conference of the Israeli association for child development and rehabilitation. 16th November, 2010, Jerusalem.
- December 2010 Rony Schenker, Judy Wine, Racheli Balali, Jenny Downs, Meir Lotan, The conductive environment – does it enhance function of children with Rett syndrome? A pilot study. 7th World Congress on Conductive Education, 5th - 8th December 2010, Hong Kong.
- December 2010 Sade S.P, Sinuani BZ, Lotan M. the proprioceptive system as a source for fear of movement in individuals with Rett syndrome. A study with clinical implications A poster presented at the Annual National conference of the Israeli Association for Physical Rehabilitation. 15-16 Dec. Tel-Aviv,

- December 2010 Itah D, Levi H, **Lotan M.** The proprioceptive system as a contributor to scoliosis in individuals with Rett syndrome - A study with clinical implications. A poster presented at the Annual National conference of the Israeli Association for Physical Rehabilitation. 15-16 Dec. Tel-Aviv,
- December 2010 Livni I, Dvir S, **Lotan M.** Identification and analysis of clinical characteristics of adults with Rett syndrome, A national survey. A poster presented at the Annual National conference of the Israeli Association for Physical Rehabilitation. 15-16 Dec. Tel-Aviv,
- December 2010 Balali H, Cohen S, **Lotan M.** Analysis of causes for falls in individuals with intellectual disability. A poster Presented at the Annual National conference of the Israeli Association for Physical Rehabilitation. 15-16 Dec. Tel-Aviv,
- December 2010 Stern H, Godesh N, **Lotan, M.** Mismanagement of individuals with intellectual disability by the Israeli health system. Present state and suggestions for a change. Presented at the Annual National conference of the Israeli Association for Physical Rehabilitation. 15-16 Dec. Tel-Aviv,
- December 2010 Hirsh M, Shoham Y, Lazar G, Sivan Y, Rotman E, Hamami I, Weiss H, Barkan N, **Lotan, M.** adjusting pressure preventing cushions to the user: objective measurement through the use of pressure preventing cushions. Presented at the Annual National conference of the Israeli Association for Physical Rehabilitation. 15-16 Dec. Tel-Aviv,
- December 2010 **Lotan M.** Findings from a national survey to locate un-diagnosed individuals with Rett syndrome within residential settings in Israel. A lecture presented at A national conference for the ministry of work and social affairs, Sheba Hospital, Ramat-Gan, Israel, 2010.
- December 2010 **Lotan M.** Physical therapy for adults with Rett syndrome. A lecture presented at A national conference for the ministry of work and social affairs, Sheba Hospital, Ramat-Gan, Israel.
- Feb, 2011 **Lotan M.** The time is now – introduction to Rett syndrome, with clinical insights. A lecture presented at A workshop held by the Israeli Rett syndrome center, Carmiel, Israel.
- Feb, 2011 **Lotan M.** Physical therapy for adults with Rett syndrome. A lecture presented at A workshop held by the Israeli Rett syndrome center, Carmiel, Israel
- May, 2011 **Lotan M.** The time is now – The need for intensive individualized intervention for individuals with Rett syndrome. A lecture presented at the Annual Israeli Physical Therapy Association conference. 17-18 May. Tel-Aviv, Israel.
- May, 2011 Sade S.P, Sinuani BZ, **Lotan M.** the proprioceptive system as a source for fear of movement in individuals with Rett syndrome. A study with clinical implications. A poster presented at the Annual Israeli Physical Therapy Association conference. 17-18 May. Tel-Aviv, Israel.
- May, 2011 Itah D, Levi H, **Lotan M.** The proprioceptive system as a contributor to scoliosis in individuals with Rett syndrome - A study with clinical implications. A poster presented at the Annual Israeli Physical Therapy Association conference. 17-18 May. Tel-Aviv, Israel.
- June 2011 Cochavit Elephant, **Lotan Meir.** The Importance of Music in the Lives of Individuals with Rett Syndrome. The First International Conference Art, Science and Technology: Interaction between Three Cultures. June 2, 2011, Karmiel, Israel

- Oct, 2011 Elefant C, **Lotan M**, Baker F, Skeie GO. Effect of group music therapy on mood speech and singing in individuals with Parkinson's disease – A feasibility study. A lecture presented at the American Music therapy Association. November 16th Atlanta, Georgia.
- Dec, 2011 Graf H, Saar N, **Lotan M**. Comparing the incidence of postural and orthopedic problems among individuals with or without intellectual disability. An oral presentation at the Annual National conference of the Israeli Association for Physical Rehabilitation. 13-14 Dec. Tel-Aviv,
- Dec, 2011 Gefen E, Benishvili A, **Lotan M**. Comparing the sensitivity of two pain evaluation scales designed for individuals with intellectual disability. An oral presentation at the Annual National conference of the Israeli Association for Physical Rehabilitation. 13-14 Dec. Tel-Aviv,
- Dec, 2011 Abu-Salah J, Dadush R, **Lotan, M**. Evaluating the efficiency of pressure reduction cushions in daily situations. An oral presentation at the Annual National conference of the Israeli Association for Physical Rehabilitation. 13-14 Dec. Tel-Aviv,
- Dec, 2011 Israeli R, Tenenbaum P, **Lotan, M**. Assessing a connection between medication consumption and falls in adults with intellectual disability. An oral presentation at the Annual National conference of the Israeli Association for Physical Rehabilitation. 13-14 Dec. Tel-Aviv,
- Dec, 2011 Marco R, Abrahamov I, **Lotan, M**. comparing the efficiency imported vs. Local viscoelastic pressure reduction cushions. A poster presentation at the Annual National conference of the Israeli Association for Physical Rehabilitation. 13-14 Dec. Tel-Aviv,
- May, 2012 Graf H, Saar N, **Lotan M**. Comparing the incidence of postural and orthopedic problems among individuals with or without intellectual disability. A poster presentation at the 12th Annual National conference of the Israeli Association for Physical therapy. 15-16 May. Tel-Aviv,
- May, 2012 Abu-Salah J, Dadush R, **Lotan, M**. Evaluating the efficiency of pressure reduction cushions in daily situations. A poster presentation at the 12th Annual National conference of the Israeli Association for Physical therapy. 15-16 May. Tel-Aviv,
- June, 2012 Rony Schenker, Judy Wine, Racheli Balali, Jenny Downs, **Meir Lotan**, The conductive environment – does it enhance function of children with Rett syndrome? A pilot study. A poster presentation at the world Rett syndrome Congress. June 22-24, New-Orleans, USA.
- June, 2012 **Lotan M**. Regaining walking in individuals with Rett syndrome – A case study. A poster presented at the world Rett syndrome Congress. June 22-24, New-Orleans, USA.
- Nov. 2012 **Lotan M**, Kossef D. The use of Teratogs with individuals with Rett syndrome, 10 case studies. An oral presentation at the Annual National conference of the Israeli national Association for child rehabilitation and development. 21 November. Dead sea.
- Nov. 2012 Talia Bacharach- Hirsh, Shira Liberman, **Meir Lotan**. Multi professional intervention with individuals with developmental disabilities - The child as the center of intervention – interviews with individuals with Rett syndrome. A poster presentation at the Annual National conference of the Israeli national Association for child rehabilitation and development. 21 November. Dead sea.

- Nov. 2012 **Lotan M.** Koseff D. The use of Teratogs with individuals with Rett syndrome, Short term findings; 10 case studies. An oral presentation at the Annual National conference of the Israeli Association for Physical Rehabilitation. 27 Nov. Tel-Aviv.
- Nov. 2012 **Lotan M.** 24 hour care, the use of individually designed sleeping mattresses as for individuals with Rett syndrome. An oral presentation at the Annual National conference of the Israeli Association for Physical Rehabilitation. 27 Nov. Tel-Aviv.
- Nov. 2012 **Lotan M.** The wheelchair test, a new educational toll for physical therapy students. An oral presentation at the Annual National conference of the Israeli Association for Physical Rehabilitation. 27 Nov. Tel-Aviv.
- December 2012 **Lotan M.** Improving cardio-vascular fitness with treadmill training an oral presentation accepted at the third International congress on pediatric chronic diseases, disability and human development, Jerusalem, Israel. December 2-5, 2012
- December 2012 **Lotan M.**, Godesh N, and Stern H. Medical management of people with intellectual disability in Israel: Current state and suggestions for improvement. An oral presentation accepted at the third International congress on pediatric chronic diseases, disability and human development, Jerusalem, Israel. December 2-5, 2012
- December 2012 Roth A, Natan-Rav K, and **Lotan M.** Individuals with intellectual and developmental disability living without pain. An oral presentation accepted at the third International congress on pediatric chronic diseases, disability and human development, Jerusalem, Israel. December 2-5, 2012.
- December 2012 **Lotan M.** Improving staff and residents' wellbeing using the multi-sensory treatment room: 10 Cases with washout periods. An oral presentation accepted at the third International congress on pediatric chronic diseases, disability and human development, Jerusalem, Israel. December 2-5, 2012
- December 2012 **Lotan M.** The multi-sensory intervention as an additional environment for physical therapy: Five case studies. An oral presentation accepted at the third International congress on pediatric chronic diseases, disability and human development, Jerusalem, Israel. December 2-5, 2012.
- December 2012 **Lotan M.** The time is now: The need for immediate implementation of intensive programs for individuals with Rett syndrome. An oral presentation accepted at the third International congress on pediatric chronic diseases, disability and human development, Jerusalem, Israel. December 2-5, 2012.
- December 2012 Balali R, Schenker R, Wine J, Downs J, **Lotan M.**The conductive environment. Does it enhance function of children with Rett syndrome? A pilot study. An oral presentation accepted at the third International congress on pediatric chronic diseases, disability and human development, Jerusalem, Israel. December 2-5, 2012.
- December 2012 **Lotan M.**, Itach D, Levi H. Scoliosis in Rett syndrome and the proprioceptive system: Findings and directions for intervention. An oral presentation accepted at the third International congress on pediatric chronic diseases, disability and human development, Jerusalem, Israel. December 2-5, 2012.

- December 2012 **Lotan M.** Physical therapy intervention for scoliosis in individuals with rett syndrome: Six case studies. An oral presentation accepted at the third International congress on pediatric chronic diseases, disability and human development, Jerusalem, Israel. December 2-5, 2012.
- December 2012 **Lotan M.** Regaining walking ability in individuals with Rett syndronme. A case study. An oral presentation accepted at the third International congress on pediatric chronic diseases, disability and human development, Jerusalem, Israel. December 2-5, 2012.
- December 2012 **Lotan M.** Tsury SP, Sinuani BZV. The proprioceptive system as the origin of fear of movement in Rett syndrome: Research and clinical implications. An oral presentation accepted at the third International congress on pediatric chronic diseases, disability and human development, Jerusalem, Israel. December 2-5, 2012.
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L.2. PRESENTATIONS & POSTER SESSIONS (since last promotion)

- May 2013 **Lotan, M.** Shavit Efrat, Harel Yael, Burshtein shimshon. Physical therapy for children with Autism. An oral presentation at the 13th Annual National conference of the Israeli Association for Physical therapy. 21-22 May. Airport avenue, Israel.
- May 2013 **Lotan, M.** The physical therapist as a health agent – instructing physical therapy students in a "parent empowerment" program for parents. An oral presentation at the 13th Annual National conference of the Israeli Association for Physical therapy. 21-22 May. Airport avenue, Israel.
- October 2013 **Lotan M,** Elefant Cochavit, Merrick Joav. Identifying clinical characteristics of undiagnosed adults with Rett syndrome; results from a national survey. A poster presentation at the 3rd European Rett syndrome Conference. 'Research update and preventive management' Maastricht, The Nederland's, 17-18 October, 2013.
- October 2013 **Lotan M,** Shavit Efrat. Enhancing walking ability in an individual with Rett syndrome through Applied Behavior Analysis (ABA) - A case study. An oral presentation at the 3rd European Rett syndrome Conference. 'Research update and preventive management' Maastricht, The Nederland's, 17-18 October, 2013.
- October 2013 **Wine J, Lotan M,** Saraf E, Successes and Failures of the Team Approach in Working with Children with Rett Syndrome: An Introspective Account. An oral presentation at the 3rd European Rett syndrome Conference. 'Research update and preventive management' Maastricht, The Nederland's, 17-18 October, 2013.
- October 2013 **Lotan M,** Frans Boelaars, Lena Svedburg. Specialist Physiotherapy session: Treating adults with Rett syndrome in residential centers. An oral presentation at the 3rd European Rett syndrome Conference. 'Research update and preventive management' Maastricht, The Nederland's, 17-18 October, 2013.

- October 2013 Paul R. van Urk, Marielle P. van den Berg, **Meir Lotan**, Jenny Downs, Barend J. van Royen, Leopold M.G. Curfs. Profiling scoliosis in Rett syndrome patients: A retrospective study in the Netherlands. A poster presentation at the 3rd European Rett syndrome Conference. 'Research update and preventive management' Maastricht, The Netherlands, 17-18 October, 2013.
- December 2013 **Lotan M**, Ofir-Maoz H, Pere H, Ben-Yishai M. Evaluating factors which influence expiration dates of pressure relieving cushions. A poster presentation presented at the Annual National conference of the Israeli society for physical medicine and Rehabilitation. 16-17 Dec. Tel-Aviv,
- December 2013 **Lotan M**, Kunik S, Rubinshtein I. Evaluating the reliability of subjective reports by users, as compared with objective evaluation through a pressure mapping system. A poster presentation presented at the Annual National conference of the Israeli society for physical medicine and Rehabilitation. 16-17 Dec. Tel-Aviv,
- January 2014 **Lotan M**, Shavit E. Motor Difficulties Presented by Children with ASD Suggest a Need for Physical Therapy as Core Early Intervention for this Group of Clients- A Review of the Literature. An oral presentation presented at the fifth annual KESHET center 8-9 January, 2014, Sheba medical center, Israel
- March 2014 **Lotan M**, Osnat Atun-Einy, Yael Harel, Efrat Shavit, Shimshon Burstein, Gali Kempner. Motor Assessment of Children with Autism Spectrum Disorder Using a New/Shorter Version of the Peabody. Presented as an oral presentation at the First Canada-Israel Autism Spectrum Disorder (ASD) Meeting March 2-4, 2014, Jerusalem, Israel.
- March 2014 Yona Bluth **Lotan M**, The impact of horseback riding on educational, cognitive, physical-motoric, social and behavioral aspects of children with ASD. Presented as a poster presentation at the First Canada-Israel Autism Spectrum Disorder (ASD) Meeting March 2-4, 2014, Jerusalem, Israel.
- March 2014 **Meir Lotan**, Osnat Atun-Einy, Yael Harel, Efrat Shavit, Shimshon Burstein, Gali Kempner. Initial Clinical Report regarding the Thera Togs Pressure Garments for Children with Autism Spectrum Disorder (ASD). Presented as a poster presentation at the First Canada-Israel Autism Spectrum Disorder (ASD) Meeting March 2-4, 2014, Jerusalem, Israel.
- March 2014 **Meir Lotan**, Osnat Atun-Einy, Yael Harel, Efrat Shavit, Shimshon Burstein, Gali Kempner. Motor difficulties presented by children with ASD suggest a need for physical therapy as core early intervention for this group of clients– A review of the literature. Presented as a poster presentation at the First Canada-Israel Autism Spectrum Disorder (ASD) Meeting March 2-4, 2014, Jerusalem, Israel.
- May 2014 Galkop N, Zmora T, Sandovsky R, Ben-Ezra S, El-Natan, D, **Lotan, M**. the importance of walking in young children presenting significant motor challenges – The UpSee, A new walking device as an intervention model. An oral presentation at the 13th Annual National conference of the Israeli Association for Physical therapy. 12-13 May. Airport avenue, Israel.

- June 2014 **Lotan, M.** Improving Cardio-Vascular Fitness and Reducing Clinic Visitations of Individuals with Intellectual and Developmental Disability through a Low Graded Treadmill Program. An oral presentation at the Third international conference, 12-15 June, 2014, Vingate institute, Israel.
- June 2014 Hadash R, Amrani S, Pinsker A, **Lotan** M, Weiss TL. Improving balance of individuals with intellectual and developmental disability through a Virtual Reality Intervention Program. An oral presentation at the Third international conference, 12-15 June, 2014, Vingate institute, Israel.
- June 2014 **Meir Lotan,** Osnat Atun-Einy, Yael Harel, Efrat Shavit, Shimshon Burstein, Gali Kempner. Motor difficulties presented by children with ASD suggest a need for physical therapy as core early intervention for this group of clients– A review of the literature. Presented as a poster presentation at the second Alyn conference for child rehabilitation. 17-18 June, 2014, Jerusalem, Israel.
- June 2014 **Meir Lotan,** Osnat Atun-Einy, Yael Harel, Efrat Shavit, Shimshon Burstein, Gali Kempner. Initial Clinical Report regarding the Thera Togs Pressure Garments for Children with Autism Spectrum Disorder (ASD). Presented as a poster presentation at the second Alyn conference for child rehabilitation. 17-18 June, 2014, Jerusalem, Israel.
- June 2014 Yona Bluth Libman H, Ornan E, **Lotan M,** The impact of horseback riding on educational, cognitive, physical-motoric, social and behavioral aspects of children with ASD. Presented as a poster presentation at the second Alyn conference for child rehabilitation. 17-18 June, 2014, Jerusalem, Israel.
- September 2014 **Meir Lotan,** Osnat Atun-Einy, Yael Harel, Efrat Shavit, Shimshon Burstein, Gali Kempner. Motor difficulties presented by children with ASD suggest a need for physical therapy as core early intervention for this group of clients– A review of the literature. Presented as a lecture at the Israeli society for child development and habilitation. 17-18 September, 2014, Jerusalem, Israel.
- September 2014 Galkop N, Zmora T, Sandovsky R, Ben-Ezra S, El-Natan, D, **Lotan, M.** the importance of walking in young children presenting significant motor challenges – The UpSee, A new walking device as an intervention model. Presented as a lecture at the Israeli society for child development and habilitation. 17-18 September, 2014, Jerusalem, Israel.
- September 2014 Bluth Y, Libman H, Ornan E, **Lotan M,** The impact of horseback riding on educational, cognitive, physical-motoric, social and behavioral aspects of children with ASD. A poster presentation at the Israeli society for child development and habilitation. 17-18 September, 2014, Jerusalem, Israel.
- November 2014 Jabarin F, **Lotan M.** Acupuncture as Means to Improve Extreme Obesity and Elephantiasis in Intellectual and Developmental Disability – A Case Study. Accepted as a poster presentation at the 65th Annual National conference of the Israeli society for physical medicine and Rehabilitation. 4-5 Dec. Jerusalem, Israel.
- November 2014 Shtraus T, Venetian M, **Lotan M.** Losing and Regaining Independent Walking in Individuals with Rett Syndrome. Accepted as an oral presentation 65th Annual National conference of the Israeli society for physical medicine and Rehabilitation. 4-5 Dec. Jerusalem, Israel.

- November 2014 Hadash R, Amrani S, Pinsker A, **Lotan M**, & Weiss TL. Improving Balance of Individuals with Intellectual and Developmental Disability through a Virtual Reality Intervention Program. Accepted as an oral presentation at the 65th Annual National conference of the Israeli society for physical medicine and Rehabilitation. 4-5 Dec. Jerusalem, Israel.
- January 2015 Jabarin F, **Lotan M**. Acupuncture as Means to Improve Extreme Obesity and Elephantiasis in Intellectual and Developmental Disability – A Case Study. Accepted as a poster presentation at the Gerry Schwartz and Heather Reisman 4th International Conference on Pediatric Chronic Diseases, Disability and Human Development 20-23 January, 2015 | Jerusalem, Israel
- January 2015 Hadash R, Amrani S, Pinsker A, **Lotan M**, & Weiss TL. Improving Balance of Individuals with Intellectual and Developmental Disability through a Virtual Reality Intervention Program. An oral presentation at the Gerry Schwartz and Heather Reisman 4th International Conference on Pediatric Chronic Diseases, Disability and Human Development 20-23 January, 2015 | Jerusalem, Israel.
- January 2015 Shtraus T, Venetian M, **Lotan M**. Losing and Regaining Independent Walking in Individuals with Rett Syndrome. Accepted as an oral presentation at the Gerry Schwartz and Heather Reisman 4th International Conference on Pediatric Chronic Diseases, Disability and Human Development 20-23 January, 2015 | Jerusalem, Israel.
- May 2015 **Lotan M**. The UpSee as a means to treat severely affected children within the physical therapy intervention. An oral presentation at the 15th Annual National conference of the Israeli Association for Physical therapy. 12-14 May. Airport avenue, Israel.
- June 2015 Hadash R, Amrani S, Pinsker A, **Lotan M**, & Weiss TL. Improving Balance of Individuals with Intellectual and Developmental Disability through a Virtual Reality Intervention Program. An oral presentation at the Israel. International Symposium on Adapted Physical Activity, Wingate institute, 11-15 June, Israel.
- June 2015 **Lotan M**. Improving cardio-vascular fitness and reducing infirmity visitations of individuals with intellectual and developmental disability, through a low graded treadmill program. An oral presentation at the Israel. International Symposium on Adapted Physical Activity, Wingate institute, 11-15 June, Israel.
- October, 2015 **Lotan M**. Creative physical therapy – The use of available daily objects in constructing a daily activity program for children with special needs. A workshop presented at the 1st international Aleh conference, 26-27 October, 2015, Jerusalem Israel
- Nov. 2015 Harel Y, Mintz M, Fatal A, **Lotan M**. Bi-directional connection between anxiety and equilibrium among children with ASD, a literature review, thoughts regarding intervention. 13th annual conference “talking Autism. Changes in Therapy, education and research. 30th October-1st Nov, Tel-Aviv University, Israel.
- February 2016 **Lotan M**. Downs J, Elefant C. Home-Based, Physical Therapy, Skype Telehealth Consultation in Individuals with Rett Syndrome – A Pilot Study. Rehab Science & Technology Update, Annual national conference of the Israeli rehabilitation society, February 7-10, 2016, Tel-Aviv, Israel.

- May 2016 Harel Y, Mintz M, Fatal A, **Lotan M**. A connection between anxiety and equilibrium among children with ASD. An oral presentation at the 16th Annual National conference of the Israeli Association for Physical therapy. 17-18 May. Airport avenue, Israel.
- May 2016 Shtraus T, Venetian M, **Lotan M**. Losing and Regaining Independent Walking in Individuals with Rett Syndrome. An oral presentation at the 16th Annual National conference of the Israeli Association for Physical therapy. 17-18 May. Airport avenue, Israel.
- Sep. 2016 **Lotan M**, Downs J, Elefant C. Application of Telehealth principles to deliver therapy services for Rett syndrome. Accepted as a n oral presentatin at the RTT50.1; Celebrating the 50th anniversary of the first publication on Rett Syndrome by Andreas Rett, 15th-17th Sep, 2016, Vienna, Austria.
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M. OTHER PUBLICATIONS (ENCYCLOPEDIAS; REPORTS; LETTER TO EDITORS, EDITORIALS)

- 2004 **Lotan M**, Merrick J. Physiotherapy and low back pain. A letter to the Editor. British Medical Journal On-line; December 22, 2004. At: <http://bmj.bmjournals.com/cgi/eletters/330/7483/112-d#92557>
- 2005 Merrick J, **Lotan M**, Carmeli E. Twenty years to the International Journal of Adolescent Medicine and Health. Int J Adolesc Med Health 2005;17(1):1.
- 2005 Merrick J, **Lotan M**, Carmeli E. Increase in autism. A letter to the Editor, British Medical Journal On-line, January 14, 2005, at site: <http://bmj.bmjournals.com/cgi/eletters/330/7483/112-d#92557>
- 2005 Merrick, J., Kandel, I., Lotan, M., and Omar, H, A. Physical activity in childhood and adolescence (Letter to the Editor) British Medical Journal, May 07, 2005 at site: <http://www.bmj.com/cgi/eletters/335/7622/703#177642>
- 2009 **Lotan M**, Schofield P, Merrick J. Pain and individuals with intellectual disability. A wake up call. J Pain Manage 2009;2(1):1-2. (Editorial).
- 2009 **Lotan M**, Yalon-Chamovitz S, Weis PL. Lessons learned towards a best practices model of virtual reality intervention for individuals with intellectual and developmental disability. Proceedings of the Virtual Rehabilitation International Conference, Haifa, June 29th-July 2nd, 2009.
- 2012 Lotan M, and Merrick J. Persons with intellectual disability and pain. J Pain Manage 2012;5(4): 291-292. (Editorial).
- 2012 Budden S, **Lotan M**, Luse C, Elefant C, Partnerships in Care of Individuals with Rett syndrome Integrating Medical, Therapeutic and Educational Interventions. A handout for parents and therapists. A round table experts' workshop at the world Rett syndrome Congress. June 22-24, 2012, New-Orleans, USA.
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M1. OTHER PUBLICATIONS (ENCYCLOPEDIAS; REPORTS; LETTER TO EDITORS, EDITORIALS) (Since last promotion)

- 2013 **Lotan M**. Improving cardio-vascular fitness with treadmill training Abstract proceedings of the 3rd International Conference on Pediatric Chronic Diseases, Disability and Human Development Jerusalem, Israel December 3-5, 2012. International Journal of Child Health and Human Development 2013;6(4):494.
- 2013 **Lotan M**. Improving functional skills and physical fitness in children with Rett syndrome. Abstract proceedings of the 3rd International Conference on Pediatric Chronic Diseases, Disability and Human Development Jerusalem, Israel December 3-5, 2012. International Journal of Child Health and Human Development 2013;6(4):495.

- 2013 **Lotan M.** Improving staff and residents' wellbeing using the multi-sensory treatment room: 10 Cases with washout periods. Abstract proceedings of the 3rd International Conference on Pediatric Chronic Diseases, Disability and Human Development Jerusalem, Israel December 3-5, 2012. *International Journal of Child Health and Human Development* 2013;6(4):496.
- 2013 **Lotan M.** Physical therapy intervention for scoliosis in individuals with rett syndrome: Six case studies. Abstract proceedings of the 3rd International Conference on Pediatric Chronic Diseases, Disability and Human Development Jerusalem, Israel December 3-5, 2012. *International Journal of Child Health and Human Development* 2013;6(4):497.
- 2013 **Lotan M.** Regaining walking ability in individuals with Rett syndrome. A case study. Abstract proceedings of the 3rd International Conference on Pediatric Chronic Diseases, Disability and Human Development Jerusalem, Israel December 3-5, 2012. *International Journal of Child Health and Human Development* 2013;6(4):498.
- 2013 **Lotan M.** The multi-sensory intervention as an additional environment for physical therapy: Five case studies. Abstract proceedings of the 3rd International Conference on Pediatric Chronic Diseases, Disability and Human Development Jerusalem, Israel December 3-5, 2012. *International Journal of Child Health and Human Development* 2013;6(4):499.
- 2013 **Lotan M.** The time is now: The need for immediate implementation of intensive programs for individuals with Rett syndrome. Abstract proceedings of the 3rd International Conference on Pediatric Chronic Diseases, Disability and Human Development Jerusalem, Israel December 3-5, 2012. *International Journal of Child Health and Human Development* 2013;6(4):500.
- 2013 **Lotan M, Balali R, Schenker Rony, Wine J, Downs J.** The conductive environment. Does it enhance function of children with Rett syndrome? A pilot study. Abstract proceedings of the 3rd International Conference on Pediatric Chronic Diseases, Disability and Human Development Jerusalem, Israel December 3-5, 2012. *International Journal of Child Health and Human Development* 2013;6(4):501.
- 2013 **Lotan M, Godesh N, Stern H.** Medical management of people with intellectual disability in Israel: Current state and suggestions for improvement. Abstract proceedings of the 3rd International Conference on Pediatric Chronic Diseases, Disability and Human Development Jerusalem, Israel December 3-5, 2012. *International Journal of Child Health and Human Development* 2013;6(4):502.
- 2013 **Lotan M, Itach D, Levi H.** Scoliosis in Rett syndrome and the proprioceptive system: Findings and directions for intervention. Abstract proceedings of the 3rd International Conference on Pediatric Chronic Diseases, Disability and Human Development Jerusalem, Israel December 3-5, 2012. *International Journal of Child Health and Human Development* 2013;6(4):503.

- 2013 **Lotan M**, Tsury SP, Sinuani BV. The proprioceptive system as the origin of fear of movement in Rett syndrome: Research and clinical implications. Abstract proceedings of the 3rd International Conference on Pediatric Chronic Diseases, Disability and Human Development Jerusalem, Israel December 3-5, 2012. International Journal of Child Health and Human Development 2013;6(4):504.
- 2014 **Lotan M**, and Merrick J, Physical activity and healthy eating during childhood and adolescence; **Editorial**; Int J Child Adolesc Health 2014;7(3):00-00.
- 2015 Hadash R, Amrani S, Pinsker A, **Lotan M**, & Weiss TL. Improving Balance of Individuals with Intellectual and Developmental Disability through a Virtual Reality Intervention Program. In Merrick J (Ed). Disability chronic disease and human development Proceedings of the 4th International Conference on Pediatric Chronic Diseases, Disability and Human Development 20-23rd January, 2015, Jerusalem, Israel. Nova scientific publishers, New-York, pp:44-45.
- 2015 Shtraus T, Venetian M, **Lotan M**. Losing and Regaining Independent Walking in Individuals with Rett Syndrome. In Merrick J (Ed). Disability chronic disease and human development Proceedings of the 4th International Conference on Pediatric Chronic Diseases, Disability and Human Development 20-23rd January, 2015, Jerusalem, Israel. Nova scientific publishers, New-York, pp:45-46.
- 2015 Hadash R, Amrani S, Pinsker A, **Lotan M**, & Weiss TL. Improving Balance of Individuals with Intellectual and Developmental Disability through a Virtual Reality Intervention Program. Palaestra. 2015;29(4):19.
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N. RESEARCH GRANTS

Years	Granting institution	Names of all grantees	Subject	Total amount in
1999	Keren Shalem	Lotan Meir	Influence of a daily treadmill training program on the motor function and physical fitness of children with moderate to profound mental retardation	2000\$
2005	Israeli society for physical therapy	Lotan Meir	Relations between varies parameters of pressure mapping to susceptibility to pressure sores of adult wheelchair users with CP and MR	1500\$
2006	Keren Shalem	Lotan Meir	Pain evaluation scale for individuals with intellectual and developmental disabilities.	2500\$
2006	Keren Shalem	Dikstein Ruth, Gat Meirav, Lotan Meir	Pressure sores and seating parameters of individuals with Intellectual and developmental disabilities	7500\$

2006	Keren Shalem	Weiss Tamar, Yalon Shira, Lotan Meir	The efficiency of virtual reality in improving the physical fitness of individuals with moderate level of Intellectual and developmental disabilities.	17,500\$
2007	Keren Shalem	Weiss Tamar, Yalon Shira, Lotan Meir	Constructing best practice guidelines for activities of individuals at all levels of intellectual and developmental disabilities with virtual reality	2500\$
2009	Keren Shalem	Lotan Meir	Predicting balance of individuals with IDD using the berg balance test and medication evaluation	1250\$
2009	Keren Shalem	Lotan Meir	A program to improve therapeutic intervention for sub samples with in the populations of individuals with IDD. Rett syndrome as a pilot group.	7500\$
2010	Ariel University campus	Lotan Meir	Evaluating objective measures of pressure sores prevention cushions	3,750\$
2010	MILBAT	Lotan Meir	Evaluating the GYM4MANAGER, a new chair for office use	2500\$
2013	FP7-ICT- 2013-10	Lotan Meir Cancemi Ilene, DeBenedictis Francesca, Severino Danila, Elefant Cochavit, Bosco Gianfranco, McLeod Kenneth, Burger	RETT Syndrome Total Care & Rehabilitation Solutions by participatory multimodal data gathering and intelligent multimedia processing for objective progress assessment and intervention guidance	Rejected
2013	The Shirley Foundation	Lotan Meir, Gal Eynat, Atun-Einy, Osnat Engel- Yeger, Batya	Identifying sensory-motor and behavioral "red flags" for screening Autism Spectrum Disorders among children with ASD who were born premature vs. those who were born full term	Rejected
2013	Autism speaks	Lotan Meir, Gal Eynat, Atun-Einy, Osnat Engel- Yeger, Batya	Identifying "Red Flags" for ASD by Screening Premature Vs. full-Term children with ASD.	Rejected
2014	Ariel University	Lotan Meir	Improving balance of individuals with intellectual and developmental disability through the use of SeeMe Virtual reality system	10,000\$
2014	International Rett syndrome foundation	Lotan Meir, Cochavit elephant	Talking to individuals with Rett syndrome (RTT); Identifying key elements to improve intervention through interviews with individuals with preserved speech variant (PSV).	Rejected
2014	International Rett syndrome foundation	Meir lotan, Pam Diener	Assessing a connection between hand mannerisms in individuals with Rett syndrome and scoliosis - an exploratory study.	Rejected

2014	International Rett syndrome foundation	Meir lotan, Pam Diener	Assessing the use of TheraTogs as means to improve postural control and function in individuals with Rett syndrome – A pilot study.	Rejected
2014	International Rett syndrome foundation	Meir lotan, Jenny downs, Marielle van den Berg	Scoliosis in individuals with Rett syndrome. Does an intensive postural intervention reduce the rate of progression of scoliosis?	Rejected
2014	Shalem foundation	Meir lotan,	Supporting a course entitled: "Treating individuals with IDD"	8,500\$
2015	Ariel University	Lotan Meir, Sharon Goffer-Avni, Professor Menahem Ben-Ezra	The implications of medical cannabis consumption on epileptic seizures and caregiver well-being of children with CDKL5- Tow case studies.	4,000\$
2015	International Rett syndrome foundation	Meir lotan, Jenny downs, Marielle van den Berg	Scoliosis in individuals with Rett syndrome. Does an intensive postural intervention reduce the rate of progression of scoliosis?	Rejected
2015	International Rett syndrome foundation	Lotan Meir, Cochavit Elefant	Talking to individuals with Rett syndrome (RTT); Identifying key elements to improve intervention through interviews with individuals with preserved speech variant (PSV).	Rejected
2016	Shalem foundation	Lotan Meir, Gertner institute	Remote rehabilitation in individuals with IDD, a feasibility research	15,000\$
2016	Shalem foundation	Meir lotan,	Supporting a course entitled: "Treating individuals with IDD"	8,500\$
2016	Ariel University	Meir Lotan, Moshe Brand, Smuel AShpringer,	Manufacturing a modified CPM for improving articular range of motion in adults with CP.	3,000\$
2016	Aleh grant program	Meir Lotan	Reducing challenging behaviors through acupuncture in individuals with IDD	600\$
