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5. Catz A. The role of the Thoracic Spinal Cord in Hemodynamic Cardiovascular Regulation: A proposed Model.

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10. Catz A. Assessment of the net effect of rehabilitation after spinal cord injury and generalization to other areas of rehabilitation medicine. 10th Mediterranean Forum of Physical and Rehabilitation Medicine, Budva, Montenegro, 2013.

11. Catz A. The rehabilitation approach to chronoic back pain disability. 25th Rehabilitation Medicine Days: Clinical Guidline in PME. Ljubljana, Slovenia, 2014.

12. Catz A. Advances in Evaluation of Patients with Spinal Cord Injury. ISICON 2017,

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13. Catz A. A model for assessment of the net effect of rehabilitation after spinal cord injury,

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14th World Congress of the Israel Medical Association, Jerusalem, Israel, 1988.

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The 36th Annual Scientific Meeting of the International Medical Society of Paraplegia,

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12th Israel Medical Week. The Israel Society of Physical Medicine & Rehabilitation, Tel-Aviv, Israel, 1999.

28. Philo O, Catz A, Itzkovitch M, Steinberg F, Ronen J, Spasser R, Tamir A.

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with the Spinal Cord Independence Measure.

12th Israel Medical Week. The Israel Society of Physical Medicine & Rehabilitation, Tel-Aviv, Israel, 1999.

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12th Israel Medical Week. The Israel Society of Physical Medicine & Rehabilitation, Tel-Aviv, Israel, 1999.

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Sydney, Australia, 2000.

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IMSOP&ASIA 1st Joint Meeting, Vancouver, Canada, 2002.

35. Catz A, Pinhas I, Akselrod S, Bornstein N, Bluvstein V, Nissel T, Vered Y, Korczyn AD.

The role of the spinal cord in the control of cerebral blood flow velocity (CBFV). Preliminary

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The Fourth Research Fair of The Sackler Faculty of Medicine. Tel-Aviv, 2003.

36. Spivak E, Keren O, Levental J, Niv D, Steinberg F, Chen B, Catz A.

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cough and improve pulmonary function in patients with cervical spinal cord lesions (SCL).

The Fourth Research Fair of The Sackler Faculty of Medicine. Tel-Aviv, 2003.

37. C a t z A.

Trends in the assessment of functional outcomes after spinal cord lesions.

2nd World congress of the International Society of Physical and rehabilitation Medicine.

Prague, Czech Republic, 2003.

38. Zlobinsky R, Gaides M, Catz A, Ben-Dov Y.

The respiratory response to hypercapnia in patients with chronic lower cervical spinal cord injuries.

Congress of equipment and advanced technologies in rehabilitation. The Israel Society of

Physical Medicine & Rehabilitation, Shfaim, Israel, 2003.

39. Catz A, Itzkovicv M.

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ICCP Clinical Trials Workshop. Vanvouver, Canada, 2004.

40. Bluvshtein V, Pinhas I, Gelernter I, Bornstein N, Nissel T, Vered Y, Ronen J, Akselrod S,

Korczyn AD, Catz A,.

The effect of cerebral blood flow velocity on ventilation in patients with spinal cord lesions. 15th

Israel Medical Week. The Israel Society of PM & R, Tel-Aviv, Israel, 2004.

41. Spivak E, Oxenberg A, Gelernter I, Ronen J, Bluvshtein V, Catz A.

The feasibility of actigraphy for sleep assessment in patients with tetraplegia. 15th Israel Medical

Week. The Israel Society of Physical Medicine & Rehabilitation, Tel-Aviv, Israel, 2004.

42. Catz A, Pinhas I, Akselrod S, Bornstein N, Korczyn AD.

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American academy of neurology annual meeting, San-Francisco, USA, 2004.

43. Itzkovich M, Catz A.

SCIM II: reliability and sensitivity to functional changes in patients with SCL.

The American Occupational Therapy Association’s 84th Annual Conference

and Expo, Minneapolis, MN, USA, 2004.

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Vered Y, Korczyn AD.

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Immersion. The 55th annual conference of the Israeli association of Physical and

rehabilitation Medicine, Tel-Aviv, Israel, 2004.

45. Ronen J, Goldin D, Itzhovich M, Bluvshtein V, Gelernter I, Gepstein R, Folman Y, Catz A.

Outcomes in patients admitted for rehabilitation with spinal cord lesions following degenerative spinal stenosis. The 55th annual conference of the Israeli association of Physical and rehabilitation Medicine, Tel-Aviv, Israel, 2004.

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Clinical and economic consequences of volume- or time-dependent intermittent

catheterization in patients with spinal cord lesions and neuropathic bladder.

The 55th annual conference of the Israeli association of Physical and rehabilitation

Medicine, Tel-Aviv, Israel, 2004.

47. Itzkovich M, Philo O, Gilad N, Ahron B, Ben-Moshe D, Gelernter I, Catz A.

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preliminary results of reliability, sensitivity to functional changes, and Rasch analysis.

The 55th annual conference of the Israeli association of Physical and rehabilitation

Medicine, Tel-Aviv, Israel, 2004.

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Gelernter I, Catz A.

Functional electrical stimulation activated by electromyographic signals to improve

respiratory function in patients with cervical spinal cord lesions. The 55th annual

conference of the Israeli association of Physical and rehabilitation Medicine, Tel-Aviv,

Israel, 2004.

49. Barkol H, Steinberg F, Keren O, Catz A.

Repeated injections improve Botulinum toxin effect on spasticity in patients with spinal

cord lesions (poster presentation). The 55th annual conference of the Israeli association of

Physical and rehabilitation Medicine, Tel-Aviv, Israel, 2004.

50. Vander T, Odi H, Bluvstein V, Ronen J, Catz A.

Carbamazepine Toxicity Following Oxybutynin and Dantrolene Administration (poster

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Quadriceps Tendon Rupture in Postanoxic Choreo-athetosis (poster presentation).

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stenosis. 44th ISCoS Annual Scientific Meeting, Munich, Germany, 2005.

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Scientific Meeting, Munich, Germany, 2005.

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Meeting, Munich, Germany, 2005.

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A proposed model of two thoracic spinal cord neural centers for hemodynamic regulation. The

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Tel-Aviv, Israel, 2005.

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Utilization of orthoses in patients with spinal cord lesions, a year or more after discharge

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Survival following spinal cord injury in Israel. The 7th Israel Spine Society Conference, The Dead Sea,

Israel, 2006.

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The role of the thoracic spinal cord in hemodynamic regulation: a proposed model. The 7th Israel Spine

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Final report of the functional recovery committee. ASIA/ISCoS Global Spinal Cord Injury

Conference; pre-conference on SCI outcomes , Boston, USA, 2006.

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The 57th annual conference of the Israeli association of Physical and rehabilitation

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The 8th Israel Spine Society Conference, Eilat, Israel, 2007.

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annual conference of the Israeli association of Physical and rehabilitation Medicine,

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Rehabilitation outcomes in patients with spinal cord injury in Israel 1992-2003. The 58th

annual conference of the Israeli association of Physical and rehabilitation Medicine,

Tel-Aviv, Israel, 2007.

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accidents in Israel. The 58th annual conference of the Israeli association of Physical

and rehabilitation Medicine, Tel-Aviv, Israel, 2007.

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Further development of the Spinal Cord Injury Ability Realization Measurement Index. The 59th annual conference of the Israeli association of Physical and rehabilitation Medicine, Tel-Aviv, Israel, 2008.

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Comparison of actigraph and polysomnograph findings after spinal cord injuries. The 60th annual conference of the Israeli association of Physical and rehabilitation Medicine, Tel-Aviv, Israel, 2009.

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A new grading for easy and concise descriptionof functional status after spinal cord lesions. The VIII Medirerranean Congress of Physical Medicine and Rehabilitation, Limassol, Cyprus, 2010.

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SCIM III scores in various levels of complete spinal cord lesion. The 61st annual conference of the Israeli association of Physical and rehabilitation Medicine, Tel-Aviv, Israel, 2010.

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A novel technique for the rehabilitation of a patient with sensory-motor impairments of polyradiculoneuropathy. A poster presentation. The 61st annual conference of the Israeli association of Physical and rehabilitation Medicine, Tel-Aviv, Israel, 2010.

1. Catz A.

Rehabilitation after spinal cord lesions in Israel: Trends and achievements. The 12th Israel Spine Society Conference, Eilat, Israel, 2011.

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3. CatzA. A model of cardiovascular regulation by thoracic spinal cord centers. 50th ISCoS

Annual Scientific Meeting (Joint ASIA-ISCoS meeting), Washington, USA, 2011.

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Hyponatremia in spinal cord injury patients. The 62nd annual conference of the Israeli association of Physical and rehabilitation Medicine, Tel-Aviv, Israel, 2011.

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The reliability of SCIM III by interview. The 62nd annual conference of the Israeli association of Physical and rehabilitation Medicine, Tel-Aviv, Israel, 2011.

1. Chen-Steinberg F, Galili T, Beniamini Y, Polliack T, Bluvshtein V, Itzkovich M, Aidinof E, Front L, Catz A. The mobility potential realization in spinal cord injury patients at Loewenstein hospital. The 62nd annual conference of the Israeli association of Physical and rehabilitation Medicine, Tel-Aviv, Israel, 2011.
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4. Itzkovich M, Front L, Catz A. Expected SCIM III scores for complete spinal cord neurological levels. Canadian Association of Occupational Therapists National Conference, Quebec, Canada, 2012.
5. Catz A, Aidinoff E, Magid S, Bluvshtein V, Front L.

Hyponatremia among in-patients with spinal cord lesions. Poster presentation. 51st ISCoS

Annual Scientific Meeting, London, UK, 2012.

1. Catz A, Aidinoff E, Bluvshtein V, Birman U, Gelernter I, Drory Y. Does spinal cord injury increase the prevalence of coronary artery disease? 9th Mediterranean Forum of Physical and Rehabilitation Medicine, Sorrento, Italy, 2012.
2. Aidinoff E, Catz A, Bluvshtein V, Birman U, Gelernter I, Drory Y. Protective factors can balance risk factors for coronary artery disease, after spinal cord injuries. 9th Mediterranean Forum of Physical and Rehabilitation Medicine, Sorrento, Italy, 2012.
3. Front L, Galili T, Beniamini Y, Bluvshtein V, Polliack T, Aidinof E, Catz A. The adaptation of SCI-ARMI for international patient population. The 63rd annual conference of the Israeli association of Physical and rehabilitation Medicine, Tel-Aviv, Israel, 2012.
4. Itzkovich M, Halevi Z, Zeidel S, Nadler-Zadok Y, Catz A. Solutions for computer operation by bed-ridden patients with tetraplegia . The 63rd annual conference of the Israeli association of Physical and rehabilitation Medicine, Tel-Aviv, Israel, 2012.
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6. Galili T, Beniamini Y, Front L, Bluvshtein V, Polliack T, Aidinof E, Catz A. Controlling

SCI-ARMI for age and gender. The 63rd annual conference of the Israeli association of

Physical and rehabilitation Medicine, Tel-Aviv, Israel, 2012.

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5. Catz AYoseph S, Bluvshtein V, Gelernter I, Aidinoff E. Functional restoration in

inpatients with low back pain disability. The 14th Israel Spine Society Conference, Eilat, Israel, 2013.

1. Aidinof E,Yoseph S, Gelernter I, Bluvshtein V, Catz A**.** Pain reduction in inpatients

with low back pain disability. The 14th Israel Spine Society Conference, Eilat, Israel, 2013.

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2. Catz A. Assessment of the net effect of rehabilitation after spinal cord injury, and generalization to other areas of medicine. The 15th Israel Spine Society Conference, Eilat, Israel, 2014.
3. Aidinof E,Kartoon S, Bluvshtein V, Catz A**.** Spondylotic myelopathy: Rehabilitation outcome after cervical intervention or without it. The 15th Israel Spine Society Conference, Eilat, Israel, 2014.
4. Catz A, Galili T, Aidinoff E, Benjamini Y. Ability realization after spinal cord injury in six countries. 8th World congress of the International Society of Physical and rehabilitation Medicine. Cancun, Mexico, 2014.
5. Aidinoff E, Yoseph S, Gelernter I, Bluvshtein V, Catz A. Pain Reduction in Inpatients with Low Back Pain Disability (poster presentation). 8th World congress of the International Society of Physical and rehabilitation Medicine. Cancun, Mexico, 2014.
6. Catz A, Aidinoff E, Kartoon S, Bluvshtein V. Spondylotic myelopathy: Rehabilitation outcomes after surgical intervention or without it. 53rd ISCoS Annual Scientific Meeting, Maastricht, The Netherlands, 2014.
7. Aidinoff E, Yeminini L,Menachem Y, Philo O, Pollack T, Shatkani T, Catz A. Computerization and assimilation of an instrument for functional potential realization, as a model for the assessment of treatment achievements (Poster presentation). The 21st congress of the Israeli Society for Quality in medicine, Tel-Aviv, Israel, 2014.

1. Friedman,Haviv L, Bierman U, Glass I, Plotkin A, Weissbrod A, Shushan S, Bluvshtein V, Aidinoff E, Sobel N, Catz A. Sniff-controlled synchronized functional electric stimulation for self-initiated coughing induction in patients with high SCL. The 65th annual conference of the Israeli association of Physical and rehabilitation Medicine, Jerusalem, Israel, 2014.
2. Yemini L, Aidinoff E, Menachem Y, Philo O, Polack T, Bluvshtein V, Catz A. Computerization and assimilation of an instrument for the assessment of functional potential realization, as a model for treatment achievements evaluation. The 65th annual conference of the Israeli association of Physical and rehabilitation Medicine, Jerusalem, Israel, 2014.
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6. Catz A. Survival, neurological recovery and functional improvement after human spinal

cord injury: update, assessment, and the contribution of rehabilitation. Rehabilitation

Science & Technology Update, Tel-Aviv, Israel, The 66th annual conference of the Israeli

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Groswasser Z. Preliminary findings on outcomes in consciousness rehabilitation.

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of the Israeli association of Physical and rehabilitation Medicine, Tel-Aviv, Israel, 2016.

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Loewenstein rehabilitation Hospital, Tel-Aviv University, Israel. SCIM III (Spinal cord

independence measure version III) Assessment byinterview: reliability and comparisonwith

assessment by observation. Poster presentation. 11th World congress of the International

Society of Physical and rehabilitation Medicine. Buenos-Aires, Argentina, 2017.

135.Catz A, Gur Pollack R, Yamini L, Bluvshtein V, Michaeli D, Elkayam K, Aidinoff E.

Ability realization after SCI or cauda-equina lesion and its improvement during

rehabilitation. Poster presentation. 56rth ISCoS Annual Scientific Meeting, Dublin, Ireland, 2017.

136. Aidinoff E, Polak T, Abu Rois M, Goizman V, Oksenberg A, Gur Pollack R, Michaeli

D, Elkayam K, Catz A . Sleep quality and daytime sleepiness improve in SCI inpatients

after one month of rehabilitation. Poster presentation. 56rth ISCoS Annual Scientific Meeting,

Dublin, Ireland, 2017.

137. Michaeli D, Bluvshtein V, Polak T, Abu Rois M, Goizman V, Oksenberg A, Gur

Pollack R, Aidinoff E, Elkayam K, Catz A . Severe sleep-related breathing disorders

are rare in patients with spinal cord injury. Poster presentation. 56rth ISCoS Annual

Scientific Meeting, Dublin, Ireland, 2017.

138. Michaeli D, Polak T, Yamini L, Bluvshtein V, Aidinoff E, Catz A .

Factors affecting the improvement in ability realization during spinal cord injury or cauda

equina lesion rehabilitation. Poster presentation. 56rth ISCoS Annual Scientific Meeting,

Dublin, Ireland, 2017.

139. Aidinoff E, Groswasser Z, Bierman U, Gelernter I, Catz A, Gur-Pollack R. Vegetative

state outcomes improved over the last two decades. Rehabilitation Science & Technology

Update, The 67th annual conference of the Israeli association of Physical and rehabilitation

Medicine, Tel-Aviv, Israel, 2017.

140. Michaeli D, Bluvshtein V, Aidinoff E, Polak T, Abu Rois M, Goizman V, Oksenberg A,

Gur Pollack R, Elkayam K, Gelernter I, Catz A . Sleep-related breathing disorders

in patients with spinal cord injury. Rehabilitation Science & Technology

Update, The 67th annual conference of the Israeli association of Physical and rehabilitation

Medicine, Tel-Aviv, Israel, 2017.

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Elkayam K, Gelernter I, Catz A. Assimilation of ability realization Measure after SCI

or cauda-equina lesion. Rehabilitation Science & Technology Update, The 67th annual

conference of the Israeli association of Physical and rehabilitation Medicine, Tel-Aviv,

Israel, 2017.

142. Bluvshtein V, Yamini L, Gur Pollack R, Aidinoff E, Michaeli D, Elkayam K,

Gelernter I, Catz A. Improvement in ability realization during rehabilitation of spinal

cord injury or cauda equina lesion - affecting factors. Rehabilitation Science & Technology

Medicine, Tel-Aviv, Israel, 2017.

143. Elkayam K, Shniper M, Bluvshtein V, Gur Pollack R, Gelernter I, Michaeli D, Aidinoff E,

Catz A. Long termoutcomes in patients admitted for rehabilitation with Guillain- Barre

Syndrome. Rehabilitation Science & Technology Update, The 67th annual, Tel-Aviv,

Israel, 2017.

144. Catz A, Gur Pollack R, Bluvshtein V, Michaeli D, Aidinoff E. Ability realization after

SCI or cauda equina lesions, and its improvement during rehabilitation. The 19th Israel

Spine Society Conference, Eilat, Israel, 2018.

145. Bluvshtein V, Michaeli D, Polak T, Abu Rois M, Goizman V, Oksenberg A, Gur-

Pollack R, Aidinoff E, Elkayam K, Gelernter I, Catz A . Severe sleep-related breathing

disorders are rare in patients with spinal cord injury. The 19th Israel Spine Society

Conference, Eilat, Israel, 2018.

146. Catz A, Oksenberg A, Bluvshtein V, Michaeli D, Poliack T, Aidinoff E, Goizman V, Elkayam K, Gur-Pollack R. Is Actigraphy Suitable For Sleep Assessment In C4A Tetraplegia? Poster presentation. 12th World congress of the International

Society of Physical and rehabilitation Medicine. Paris, France, 2018.

147. Michaeli D, Oksenberg A, Bluvshtein V, Poliack T, Aidinoff E, Goizman V, Elkayam K, Gur-Pollack R, Catz A. Head- and wrist-mounted actigraphy and polysomnography in paraplegia. Poster presentation. 12th World congress of the International Society of Physical and rehabilitation Medicine. Paris, France, 2018.

148.Aidinoff E, Elkayam K, Oximitny A, Gur-Pollack R, Groswasser Z, Catz A. Consciousness Recovery after Various Periods in Vegetative State. Poster presentation. 12th World congress of the International Society of Physical and rehabilitation Medicine. Paris, France, 2018.

149. Elkayam K, Shniper M, Bluvshtein V, Gur Pollack R, Gelernter I, Michaeli D,

Aidinoff E, Kfir A, Catz A. Ability realization during and after inpatient rehabilitation

for Guillain- Barre Syndrome (GBS). Poster presentation. Rehabilitation Science &

Technology Update, The 68th annual conference of the Israeli association of Physical and

rehabilitation Medicine, Tel- Aviv, Israel, 2018.

150. Poliack T, Oksenberg A, Bluvshtein V, Michaeli D, Aidinoff E, Goizman V, Elkayam

K, Gur-Pollack R, Kfir A, Catz A. Sleep Assessment in C4A Tetraplegia using

Actigraphy. Poster presentation. Rehabilitation Science & Technology Update, The 68th

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Tel- Aviv, Israel, 2018.

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Consciousness Recovery after Various Periods in Vegetative State. Poster

presentation. Rehabilitation Science & Technology Update, The 68th annual conference of

the Israeli association of Physical and rehabilitation Medicine, Tel- Aviv, Israel, 2018.

152. Kfir A, Elkayam K, Dinia A, Michaeli D, Bluvshtein V, Catz A. The clinical condition and its improvement did not affect patient satisfaction in rehabilitation. Poster presentation. Rehabilitation Science & Technology Update, The 68th annual conference of the Israeli association of Physical and rehabilitation Medicine, Tel- Aviv, Israel, 2018.

153. Bluvshtein V, Itzkovich M, Schefler H, Front L, Elkayam K, Gur-Pollack R, Gelernter I, Catz A. SCIM III (Spinal cord independence measure version III): Reliability of assessment by interview and comparison with assessment by observation. Rehabilitation Science & Technology Update, The 68th annual conference of the Israeli association of Physical and rehabilitation Medicine, Tel- Aviv, Israel, 2018.

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F. B o o k s E d i t e d - None

G. O t h e r P u b l i c a t i o n s

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G.3. Non peer-reviewed P u b l i c a t i o n s

1. C a t z A .

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2. Catz A, Ohry A.

Rehabilitation Medicine for the patients with spinal cord lesions. In : Ohry A (ed).

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1. Catz A, Ohry A.

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G.4. Papers for routine use in rehabilitation

1. Medical Questionnaire for evaluation of patients with lesions of the spinal cord and peripheral nerves, 1989.

2. A scale for functional evaluation for patients with spinal cord lesions (SCIM I), 1994.

3. A revised scale for functional evaluation for patients with spinal cord lesions (SCIM II), 1996.

4. A scale for functional evaluation for patients with chronic low back pain disability (SPIM), 1997.

5. An international version of a scale for functional evaluation for patients with spinal cord lesions (SCIMIII), 2002.

6. A scale for ability realization measurement for patients with spinal cord lesions (SCI-ARMI), 2002.

7. An international version of SCI-ARMI, controlled for age and gender, 2015.

G.5. Invited lecturers in other S c i e n t i f i c / E d u c a t i o n a l E v e n t s

1996 A Study Day of the deffence ministry in Rehabilitation Research, Raanana, Israel.

1997 AO Spine Course, Hertzliya, Israel.

1998 A Study Day of the deffence ministry in Rehabilitation Research, Raanana, Israel.

* 1. Lectures to Family Physicians on Spinal Cord Injuries and Chronic Back Disability, Israel.

1. Lectures in course on Spinal Cord Injuries, Sheba Hospital, Israel.
2. Lectures in Stoke-Mandeville and Southport, UK, on trends in spinal cord rehabilitation assessment.

2003 A lecture in the autonomic unit, Queen Square, London, on the role of the spinal cord in CBF regulation.

2007 A lecture for assistants of judges on spinal cord injury and its legal aspects, in LRH.

2007 AO Spine Course, Beersheba, Israel.

2009 AO Spine Course, Tiberius (Ramot Resort), Israel.

2010 Medicine for lawyers course, Tel-Aviv University, on spinal cord injury rehabilitation.

2013 A lecture on assessment of functional potential in spinal cord injury patients, as a model for outcome assessment in rehabilitation. Prof. Hart’s retirement meeting, School of Public Health, the Dept. of Epidemiology and Preventive Medicine, Tel-Aviv University, Israel.

2014 A lecture for lawyers on assessment of life expectancy in cases of severe disabilities. Carlton Hotel, Tel-Aviv.

2015 A lecture for lawyers serving as assistant to judges, on principles of the preparation of medical legal opinion, in cases of severe disabilities. Tel-Aviv district court.

2015 A lecture on a model of outcome assessment, for "Clalit " senior management. Clalit education center, Petah Tikva.

2016 A lecture for lawyers, on spinal cord injury, its rehabilitation, and legal aspects. Israel Bar Association, Haifa district.

2016 A lecture on the role of the thoracic spinal cord in autonomic cardiovascular regulation, for a day of lectures on the autonomic nervous system in the Physiotherapy department, Tel-Aviv University.