

## Scientific Publications

### Monographs

Aidinoff E, Treger I, Lehrer H, Ring H. Cerebral Blood Flow during Constraint-Induced Movement Therapy after Stroke. 2007

### Original Articles

1. Treger I, Aidinof L, Lutsky L, Kalichman L. Mean Flow Velocity in the Middle Cerebral Artery Is Associated With Rehabilitation Success in Ischemic Stroke Patients. Arch Phys Med Rehabil 91:1737-1940, 2010.
2. Bluvshstein V, Front L, Itzkovich M, Aidinoff E, Gelernter I, Hart J, Biering- Soerensen F, Weeks C, Laramee MT, Craven C, Hitzig SL, Glaser E, Zeilig G, Aito S, Scivoletto G, Mecci M, Chadwick RJ, El Masry WS, Osman A, Glass CA, Silva P, Soni BM, Gardner BP, Savic G, Bergström EM, Catz A. SCIM III is reliable and valid in a separate analysis for traumatic spinal cord lesions. Spinal Cord, 49:292-296, 2011.
3. Aidinoff E, Front L, Itzkovich M, Bluvshstein V, Gelernter I, Hart J, Biering- Soerensen F, Weeks C, Laramee MT, Craven C, Hitzig SL, Glaser E, Zeilig G, Aito S, Scivoletto G, Mecci M, Chadwick RJ, El Masry WS, Osman A, Glass CA, Soni BM, Gardner BP, Savic G, Bergström EM, Silva P, Catz A. Expected Spinal Cord Independence Measure, Third Version, Scores for Various Neurological Levels After Complete Spinal Cord Lesions. Spinal Cord, 49:893–896, 2011
4. Bluvshstein V, Front L, Itzkovich M, Benjamini Y, Galili T, Gelernter I, Aidinoff E, Hart J, Tesio L, Biering-Soerensen F, Weeks C, Laramee MT, Craven C, Hitzig SL, Glaser E, Zeilig G, Aito S, Scivoletto G, Mecci M, Chadwick RJ, El Masry WS, Osman A, Glass CA, Silva P, Soni BM, Gardner BP, Savic G, Bergström EM, Catz A. A New Grading for Easy and Concise Description of Functional status After Spinal Cord Lesions. Spinal Cord, 50:42-50, 2012.
5. Treger I, Aidinof L, Lehrer H, Kalichman L. Modified constraint-induced movement therapy improved upper limb function in subacute poststroke patients: a small-scale clinical trial. Top Stroke Rehabil, 19:287-293, 2012.
6. Treger I, Aidinof L, Lehrer H, Kalichman L. Constraint-induced movement therapy alters cerebral blood flow in subacute post-stroke patients. Am J Phys Med Rehabil, 91:804-809, 2012.
7. Aidinoff E, Benjamini Y, Galili T, Polliack T, Front L, Bluvshstein V, Itzkovich M, Hart J, Catz A. Non-linear formulas for the spinal cord injury ability realization measurement index (SCI-ARMI). Spinal Cord, 50:324-327, 2012.
8. Scivoletto G, Glass C, Anderson ED, Galili T, Benjamin Y, Front L, Aidinoff E, Bluvshstein V, Itzkovich M, Aito S, Baroncini I, Benito-Penalva J, Castellano S, Osman A, Silva P, Catz A . An International Age and Gender Controlled Model for the spinal cord Injury Ability Realization Measurement Index (SCI-ARMI). Neurorehabil Neural Repair, 29:25-32, 2015.

9. Aidinoff E, Bluvshstein V, Gelernter I, Front L, Catz A. Coronary artery disease and hypertension in a non-selected spinal cord injury patient population. *Spinal Cord*, 55:321-326, 2017.
10. Haviv L, Friedman H, Bierman U, Glass I, Plotkin A, Weissbrod A, Shushan S, Bluvshstein V, Aidinoff E, Sobel N, Catz A. Using a Sniff-Controller to Self-Trigger Abdominal Functional Electrical Stimulation for Assisted Coughing Following Cervical Spinal Cord Lesions. *IEEE Transactions on Neural Systems and Rehabilitation Engineering*, 25:1461-1471, 2017.
11. Aidinoff E, Groswasser Z, Bierman U, Gelernter I, Catz A, Gur-Pollack R. Vegetative state outcomes improved over the last two decades. *Brain Injury*, 32:297-302, 2018.
12. Arzi A., Rozenkrantz L., Gorodisky L., Rozenkrantz D., Holtzman Y., Ravia A., Bekinshtein T., Galperin T., Krimchansky B., Cohen G., Oksamitni A., Aidinoff E., Sacher Y., Sobel N. Olfactory sniffing signals consciousness in unresponsive patients with brain injuries. *Nature*, 581:428-433, 2020.
13. Aidinoff E, Elkayam K, Oximitny A, Groswasser Z, Gelernter I, Catz A. Consciousness recovery after various periods in vegetative state. *Brain Injury*, 34:1253-1256. 2020.

### Case Reports

1. Ohry A, Heruti R, Bluvshstein V, Aidinoff E, Catz A, Post Irradiation Mylopathy: From Psychiatrists Point of View. *Ortop Traumatol Rehabil.*16:75-78, 2014

### Review Articles

1. Catz A, Aidinoff E, Bluvshstein V. A rehabilitation approach to chronic low back pain disability. *Rehabilitation (Ljubljana)*. VIII, Spp.1, 130-133, 2014.
2. Catz A, Aidinoff E, Bluvshstein V. Updates for the International Standards for Neurological Classification of Spinal Cord Injury. *Hrefua Update, Rehabilitation (Hebrew)*, 1:12-13, 2014.
3. Aidinoff E, Catz A, Oksamitni A, Nuriel D, Raz J, Gruber M, Lehrer H, Cohen G. Loewenstein Rehabilitation Center: Assessments and Intensive Care of the Consciousness Rehabilitation in Loewenstein Rehabilitation Center, Israel. *Jpn J Rehabil Med*, 57:47-55, 2020.