

BIBLIOGRAPHY

ARTICLES

Altenmüller, Eckart. "Causes and Cures of Focal Limb Dystonia in Musicians" in *Health and the Musician: Proceedings of the 1997 York Conference (BAPA)*, Scott, R., and J. Black, eds. London: BAPA Publications, 1998.

_____. "Causes et Traitements de la Dystonie de Fonction chez les Musiciens: Une Etude sur 5 Ans (Causes and Treatments of Focal Limb Dystonia in Musicians: A 5-year Study)." *Medecine des Arts: Approche Medicale et Scientifique des Pratiques Artistiques* 36 (June 2001): 19, 22-27.

_____. "Focal Dystonia: Advances in Brain Imaging and Understanding of Fine Motor Control in Musicians." *Hand Clinics* 19, no. 3 (August 2003): 523-38.

_____, Vanessa K. Lim, et. al. "Aberrant Sensorimotor Integration in Musicians' Cramp Patients." *Journal of Psychophysiology* 17, no. 4 (September 2003): 195-202.

_____, Patrick Raget, Alexander Smidt, and Hubert R. Dinse. "Superior Tactile Performance and Learning in Professional Pianists: Evidence for Meta-Plasticity in Musicians." *European Journal of Neuroscience* 19, no. 2 (January 2004): 473-478.

_____, Yoshihiro Hirata, and Matthias Schulz. "Sensory Mapping of Lip Representation in Brass Musicians with Embouchure Dystonia." *Neuroreport: For Rapid Communication of Neuroscience Research* 15, no. 5 (April 2004): 815-18.

Brandfonbrener, Alice G. "Musicians with Focal Dystonia: A Report of 58 Cases Seen During a 10-year Period at a Performing Arts Medicine Clinic." *Medical Problems of Performing Artists* 10, no. 4 (December 1995): 121-127.

Byl, Nancy N., S. Nagarajan, and A. L. McKenzie. "Effect of Sensorimotor Training on Structure and Function in Three Patients with Focal Hand Dystonia." *Society for Neuroscience Abstracts* (2000).

_____, and A. McKenzie. "Treatment Effectiveness for Patients with a History of Repetitive Hand Use and a Focal Hand Dystonia." *Journal of Hand Therapy* 13, no. 4 (October 2000): 289-301.

Candia, Victor, T. Elbert, Eckart Altenmüller, et al. "Alteration of Digital Representations in Somatosensory Movement Therapy for Focal Hand Dystonia in Musicians." *Lancet* 353, issue 9146 (2 January 1999): 42.

_____, Christo Pantev, A. Engelien, and T. Elbert. "Representational Cortex in Musicians: Plastic Alterations in Response to Musical Practice." *Annals of the New York Academy of Sciences* 930 (June 2001): 300-314.

_____, Thomas Schafer, Brigitte Rockstroh, Thomas Elbert, Edward Taub, Harald Rau, and Eckart Altenmüller. "Sensory Motor Retuning: A Behavioral Treatment for Focal Hand Dystonia of Pianists and Guitarists." *Archives of Physical Medicine and Rehabilitation* 83, no. 10 (October 2002): 1342-1348.

_____, Christian Wienbruch, Elbert Thomas, Brigitte Rockstroh, and William Ray. "Effective Behavioral Treatment of Focal Hand Dystonia in Musicians Alters Somatosensory Cortical Organization." *Proceedings of the National Academy of Sciences of the U. S. A.* 100, no. 13 (24 June 2003): 7942-7947.

Dolcos, Florin, and Gregory McCarthy. "Brain Systems Mediating Cognitive Interference by Emotional Distraction." *The Journal of Neuroscience* 26, no. 7 (15 February 2006): 2072-2079.

- Fahn, Stanley, S. B. Bressman, and C. D. Marsden. "Classification of Dystonia." *Advances in Neurology* 78 (1998): 1-10.
- Frucht, Steven, Stanley Fahn, and Blair Ford. "French Horn Embouchure Dystonia." *Movement Disorders* 14, no. 1 (January 1999): 171-173.
- _____, B. Ford, and Stanley Fahn. "Focal Task-Specific Dystonia Induced by Peripheral Trauma." *Movement Disorders* 15, no. 2 (March 2000): 348-350.
- _____, S. Fahn, P. E. Greene et. al. "The Natural History of Embouchure Dystonia." *Movement Disorders* 16, no. 5 (September 2001): 899-906.
- Fry, Hunter J. H. "Treatment of Medical Problems of Performing Musicians: Overuse Syndrome." In *Applications of Music in Medicine*, ed. Maranto, Cheryl Dileo. Washington: NAMT Inc., 1991.
- Hallett, Mark. "Is Focal Dystonia a Central Nervous Problem?" *Medical Problems of Performing Artists* 14, no. 1 (March 1999): 4-7.
- Hebb, Matthew, Paula Chiasson, Anthony Lang, Robert Brownstone, and Ivan Mendez. "Sustained Relief of Dystonia Following Cessation of Deep Brain Stimulation." *Movement Disorders* 22, no. 13 (2007): 1958-1962.
- Hodzic, Amra, Ralf Veit, Ahmed A Karim, Michael Erb, and Ben Godde. "Improvement and Decline in Tactile Discrimination Behavior after Cortical Plasticity Induced by Passive Tactile Coactivation." *The Journal of Neuroscience* 24, no. 2 (14 January 2004): 442-446.
- Howard, James, and Anthony Lovrovich. "Wind Instruments: Their Interplay with Orofacial Structures." *Medical Problems of Performing Artists* 4, no. 2 (June 1989): 59-72.
- Iltis, P. W., and M. W. Givens. "EMG Characterization of Embouchure Muscle Activity: Reliability and Application to Embouchure Dystonia." *Medical Problems of Performing Artists* 20, no. 1 (March 2005): 25-34.
- Jabusch, Hans-Christian, Henning Vauth, and Eckart Altenmüller. "Anxiety as an Aggravating Factor during onset of Focal Dystonia in Musicians." *Medical Problem of Performing Artists* 19, no. 2 (June 2004): 75-81.
- _____, and Eckart Altenmüller. "Epidemiology, Phenomenology, and Therapy of Musician's Cramp." In *Music, Motor Control, and the Brain*, eds. Eckart Altenmüller, Jürg Kesselring, and Mario Wiesendanger, 265-282. Oxford: Oxford University Press, 2006.
- Jankovic Joseph, and H. Shale. "Dystonia in Musicians." *Seminars in Neurology* 9 (1989): 131-135.
- Klein, C. "Movement Disorders: Classifications." *Journal of Inherited Metabolic Disorders* 28 (2005): 425-439.
- Lederman, Richard J. "Occupational Cramp in Instrumental Musicians." *Medical Problems of Performing Artists* 3, no. 2 (June 1988): 45-51.
- _____. "Focal Dystonia in Instrumentalists: Clinical Features." *Medical Problems of Performing Artists* 6, no. 4 (December 1991): 132-136.
- _____, and Leonard Calabrese, "Overuse Syndromes in Instrumentalists," *Medical Problems of Performing Artists* 1, no. 1 (March 1986): 9.

- Leijnse, J. H. A. L. "Anatomical Factors Predisposing to Focal Dystonia in the Musician's Hand: Principles, Theoretical Examples, Clinical Significance." *Journal of Biomechanics* 30 (1997): 659-669.
- Lim, Vanessa K., and Eckart Altenmüller. "Musicians' Cramp: Instrumental and Gender Differences." *Medical Problems of Performing Artists* 18, no. 1 (March 2003): 21-26.
- _____, Eckart Altenmüller, and John L. Bradshaw. "Focal Dystonia: Current Theories." *Human Movement Science* 20, no. 6 (December 2001): 875-914.
- Lombart, Kenneth G., Gail Berenson, Paul Salmon, and Cheryl Powell Shook. "Performance Impairments, Injuries, and Stress Hardiness in a Sample of Keyboard and Other Instrumentalists." *Medical Problems of Performing Artists* 10, no. 4 (December 1995): 140-146.
- Lutz Jancke. "The motor representation in pianists and string players." In *Music, Motor Control, and the Brain*, Eckart Altenmüller, Jürg Kesselring, and Mario Wiesendanger, eds., 153-172. Oxford: Oxford University Press, 2006.
- Macauley, Beth L., and Karen D. Steckol. "Musical Stuttering: A True Scenario and a Genuine Phenomenon." *American Speech-Language-Hearing Association Leader* (5 October 2005): 8.
- Malfait, N., and T. D. Sanger. "Does Dystonia Always Include Co-Contraction? A Study of Unconstrained Reaching in Children with Primary and Secondary Dystonia." *Experimental Brain Research* 176 (2007): 206-216.
- Mehta, Mayank R. "Cortico-Hippocampal Interaction During Up-Down States and Memory Consolidation." *Nature Neuroscience* 10, no. 1 (January 2007): 13-15.
- Merriman, Lisle, Jonathan Newmark, et al., "A Focal Movement Disorder of the Hand in Six Pianists." *Medical Problems of Performing Artists* 1, no. 1 (March 1986): 17-19.
- Mohlo, Eric, and Stewart Factor. "Possible Tardive Dystonia Resulting from Clozapine Therapy." *Movement Disorders* 14, no. 5 (1999): 873-874.
- Munte, Thomas F., Eckart Altenmüller, and Lutz Jancke. "The musician's brain as a model of neuroplasticity." *Neuroscience* 3 (June 2002): 473-478.
- Overduin, Simon, Andrew Richardson, Courtney Lane, Emilio Bizzi, and Daniel Press. "Intermittent Practice Facilitates Stable Motor Memories." *The Journal of Neuroscience* 26, no. 46 (15 November 2006): 11888-11892.
- Pascual-Leone, Alvaro. "The Brain that Plays Music and is Changed by It." *Annals of the New York Academy of Sciences* 930 (June 2001): 315-329.
- Rosenkranz, Karen, Aaron Williamson, and John Rothwell. "Motorcortical Excitability and Synaptic Plasticity is Enhanced in Professional Musicians." *The Journal of Neuroscience* 27, no. 19 (9 May 2007): 5200-5206.
- _____, Aaron Williamson, et al., "Pathophysiological Differences Between Musician's Dystonia and Writer's Cramp." *Brain* 128, no. 4 (2005): 918-931.
- Sand, Barbara L. "Man for All Seasons." *Strad* 114, no. 1354 (February 2003): 132-36.
- Sankhla, Charulata, Eugene C. Lai, and Joseph Jankovic. "Peripherally Induced Oromandibular Dystonia." *Journal of Neurology Neurosurgery and Psychiatry* 65 (November 1998): 722-728.

- Scarlate, G., S. Barbieri, A. Priori, A. Pesenti, and A. Cappellari. "Limb Immobilization for the Treatment of Focal Occupational Dystonia." *Neurology* 57, no. 3 (14 August 2001): 405-409.
- Schlaug, Gottfried. "Brain Structures of Musicians: Executive Functions and Morphological Implications." In *Music, Motor Control, and the Brain*, Eckart Altenmüller, Jürg Kesselring, and Mario Wiesendanger, eds., 141-152. Oxford: Oxford University Press, 2006.
- Schuele, Stephan, and Richard J. Lederman. "Focal Dystonia in Woodwind Instrumentalists: Long-term Outcome." *Medical Problems of Performing Artists* 18, no. 1 (March 2003): 15-20.
- Schott, G. D. "The Relationship of Peripheral Trauma and Pain to Dystonia." *Journal of Neurology, Neurosurgery, and Psychiatry* 48, no. 7 (July 1985): 698-701.
- Shavlovskaya, O. A. "Plasticity of Cortical Structures Under the Conditions of Neurological Deficit Accompanied by a Disorder of Hand Movement: Modern Approaches to Rehabilitation." *Human Physiology* 32, no. 6 (December 2006): 735-741.
- Spire, Mary. "The Feldenkrais Method: An Interview with Anat Baniel." *Medical Problems of Performing Artists* (December 1989): 159-162.
- Tan, N. C. K., A. K. Y. Tan, Y. Y. Sitoh, K. C. Loh, M. K. S. Leow, and H. T. L. Tjia. "Paroxysmal Exercise-Induced Dystonia Associated with Hypoglycaemia Induced by an Insulinoma." *Journal of Neurology* 249 (2002): 1615-1616.
- Taylor, Heidi Haavik and B. A. Murphy. "Altered Cortical Integration of Dual Somatosensory Input Following the Cessation of a 20 min Period of Repetitive Muscle Activity." *Experimental Brain Research* 178, no. 4 (April 2007): 488-498.
- Thomas, Denton. "Embouchure Dystonia and the Overuse Syndrome: A Primer for Musicians." *Maestro: ABODA National Newsletter* (February 2008). [in press]
- Tubiana, Raoul. "Prolonged Neuromuscular Rehabilitation for Musician's Focal Dystonia." *Medical Problems of Performing Artists* 18, no. 4 (December 2003): 166-169.
- Warner, T. T. "A Prevalence Study of Primary Dystonia in Eight European Countries." *Journal of Neurology* 247 (2000): 787-792.

DISSERTATIONS

- Alm, Per A. "On the Causal Mechanisms of Stuttering." Ph. D. diss., Lunds Universitet, Sweden, 2005.
- Barrowcliffe, Kelly Dawn. "The Knowledge of Playing-Related Injuries Among University Music Teachers." M. Sc. diss., University of Western Ontario, Canada, 1999.
- Bell, Robert. "Pick it up, it's Good: Utilizing Solution-Focused Guided Imagery with Golfers Experiencing the Yips." Ph. D. diss., University of Tennessee-Knoxville, 2006.
- Cochran, Martin Edmond. "A Comparison of the Behavior and Characteristics of Speech Stuttering with Musical Stuttering (i.e. Valsalva Maneuver) in Brass Playing." D. M. A. diss., University of Alabama, 2004.
- LaBlance, Gary Robert. "Breathing Patterns of Individuals with Dystonia Musculorum Deformans." Ph. D. diss. (Speech Therapy), Northwestern University, 1984.

Sanders, Camille Marguerite. "Understanding the Effects of Injury on a Musician's Identity and Self-Concept." M. S. thesis, Rush University College of Nursing, 1998.

Turon, Charles Thomas. "Educational Prerequisites for Piano Teachers assisting in the Prevention, Detection, and Management of Performance-Related Health Disorders." Ph. D. diss., University of Oklahoma, 2000.

BOOKS

Altenmüller, Eckart, Jürg Kesselring, and Mario Wiesendanger, eds. *Music, Motor Control, and the Brain*. Oxford: Oxford University Press, 2006.

Brust, John C. M., ed. "Dystonia" in *Neurology: Current Diagnosis & Treatment*. New York: Lange/McGraw Hill, 2007.

Evans, James and Manfred Clynes, eds. *Rhythm in Psychological, Linguistic, and Musical Processes*. Springfield, IL: Charles C. Thomas, 1986.

Frucht, Steven J., and Stanley Fahn, eds. *Movement Disorder Emergencies*. Totowa, New Jersey: Humana Press, 2005.

Jankovic, Joseph, ed. *Dystonia*. New York: Demos Medical Publications, 2005.

London, Justin. *Hearing in Time: Psychological Aspects of Musical Meter*. Oxford: Oxford University Press, 2004.

Norris, Richard. *The Musician's Survival Manual: A Guide to Preventing and Treating Injuries in Instrumentalists*. San Antonio, Texas: International Conference of Symphony and Opera Musicians, 1993.

Parncutt, Richard and Gary E. McPherson, eds. *The Science & Psychology of Music Performance: Creative Strategies for Teaching and Learning*. New York: Oxford University Press, 2002.

Sataloff, Robert Thayer, Alice G. Brandfonbrener, and Richard J. Lederman, eds. *Textbook of Performing Arts Medicine*. New York: Raven Press, 1991.

Smith, Brenda, and Robert Thayer Sataloff. *Choral Pedagogy*. San Diego, California: Singular Publishing Group, 2000.

Thaut, Michael. *Rhythm, Music, and the Brain: Scientific Foundations and Clinical Applications*. New York: Routledge, 2005.

Thompson, James. *The Buzzing Book*. Vuamarens, Switzerland: Editions Bim, 2001.

Velotis, Calvin M. *Anxiety Disorder Research*. New York: Nova Science, 2005.

INTERVIEWS

Anonymous 1 (trumpet). Interview by author, 8 November 2007. Telephone interview and electronic notes.

Anonymous 2 (violin). Interview by author, 19 January 2008, Melbourne, Australia. Electronic recording and video.

Stephen Arthur. Interview by author, 20 October, 2007, Austin, Texas. Electronic notes and video recording.

Philip Brink. Interview by author, 6 January 2008. Telephone interview and electronic recording.

Sam Burtis. Interview by author, 7 January 2008. Telephone interview and electronic recording.

Jan Kagarice. Interview by author, 1 June 2007, Las Vegas, Nevada. Electronic notes.

K. Don Kneeburg. Interview by author, 7 November 2007. Telephone interview and electronic notes.

Ian Perry. Interview by author, 12 January 2008, Melbourne, Australia. Electronic recording.

Kevin Roberts. Interview by author, 13 February 2007, Austin, Texas. Electronic notes.

Stefan Sanders. Interview by author, 23 May 2007, Austin, Texas. Electronic notes.

David Scragg. Interview by author, 23 January 2008. Telephone interview and electronic recording.

Newell Sheridan. Interview by author, 17 January 2007, Austin, Texas. Minidisc recording and electronic notes.

Jeremy Stanek. Interview by author, 3 November 2007, Columbia, Missouri. Electronic recording and notes.

David Vining. Interview by author, 7 & 14 March 2007. Telephone interview and electronic notes.

Kristen Waligora. Interview by author, 5 January 2008. Telephone interview and electronic recording.

ELECTRONIC RESOURCES

William J. Mitchell, *City of Bits: Space, Place, and the Infobahn* [book on-line] (Cambridge, MA: MIT Press, 1995, accessed 29 September 1995); available from http://www-mitpress.mit.edu:80/City_of_Bits/Pulling_Glass/index.html; Internet.

Burtis, Sam "Letters from New York: The Carmine Caruso Method" [article on-line] (accessed 12 December 2007); available from <http://www.trombone.org/articles/library/letters-caruso.asp>; Internet.

Fabra, Joaquín, "Embouchure Dystonia: Symptomatology" [article on-line] (accessed 1 January 2008); available from <http://www.embouchuredystonia.com/>; Internet.

Scragg, David, "Focal Dystonia: A discussion featuring Denis Wick, Bob Hughes, & Andy Berryman" [audio recording on-line] (accessed 9 December 2007); available from <http://globalbones.net/schedule.php>; Internet.

"Stamp, James" [article on-line] (accessed 20 January 2008); available from http://www.editions-bim.com/index.php?main_page=page&id=104&chapter=1; Internet.

"What is Dystonia?" [article on-line] (accessed 1 October 2006); available from http://www.dystonia-foundation.org/pages/what_is_dystonia_/26.php; Internet.