

A partial listing of published articles using the QMA System.
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Access to the publication may be made by ctrl /click on the Title

✓ 2008 –9 [Amyotroph Lateral Scler.](#) 2008 Oct;9(5):266-72

[Creatine monohydrate in ALS: effects on strength, fatigue, respiratory status and ALSFRS.](#)

[Rosenfeld J](#), [King RM](#), [Jackson CE](#), [Bedlack RS](#), [Barohn RJ](#), [Dick A](#), [Phillips LH](#), [Chapin J](#), [Gelinas DF](#), [Lou JS](#).

The Carolinas Neuromuscular/ALS Center, Charlotte North Carolina,
Carolinas Medical Center, USA

✓ 2008 –8 [Phys Ther.](#) 2008 Oct;88(10):1167-76. Epub 2008 Aug 14

[Effect of burst frequency and duration of kilohertz-frequency alternating currents and of low-frequency pulsed currents on strength of contraction, muscle fatigue, and perceived discomfort](#)

[Laufer Y](#), [Elboim M](#).

Physical Therapy Department, University of Haifa, Faculty of Social Welfare and Health Studies, Haifa, Israel.
yocheved@research.haifa.ac.il

✓ 2008 –7 [Neurology.](#) 2008 Aug 5;71(6):407-12

[Dehydroepiandrosterone for myotonic dystrophy type 1](#)

[Pénisson-Besnier I](#), [Devillers M](#), [Porcher R](#), [Orlikowski D](#), [Doppler V](#), [Desnuelle C](#), [Ferrer X](#), [Bes MC](#), [Bouhour F](#), [Tranchant C](#), [Lagrange E](#), [Vershueren A](#), [Uzenot D](#), [Cintas P](#), [Solé G](#), [Hogrel JY](#), [Laforêt P](#), [Vial C](#), [Vila AL](#), [Sacconi S](#), [Pouget J](#), [Eymard B](#), [Chevret S](#), [Annane D](#).

Centre de référence Maladies Neuromusculaires Nantes-Angers,
Département de Neurologie, Centre Hospitalier Universitaire d'Angers,
France.

✓ 2008-6 [Ann Neurol.](#) 2008 May; 63(5):561-71

[A phase I/II trial of MYO-029 in adult subjects with muscular dystrophy.](#)

[Wagner KR](#), [Fleckenstein JL](#), [Amato AA](#), [Barohn RJ](#), [Bushby K](#), [Escolar DM](#), [Flanigan KM](#), [Pestronk A](#), [Tawil R](#), [Wolfe GI](#), [Eagle M](#), [Florence JM](#), [King WM](#), [Pandya S](#), [Straub V](#), [Juneau P](#), [Meyers K](#), [Csimma C](#), [Araujo T](#), [Allen R](#), [Parsons SA](#), [Wozney JM](#), [Lavallie ER](#), [Mendell JR](#).

Department of Neurology, The Johns Hopkins University School of Medicine, Baltimore, MD 21287-7519, USA. kwagner@jhmi.edu

2008-5 [Muscle Nerve.](#) 2008 Apr; 37(4):473-476.

[Inclusion body myositis functional rating scale: A reliable and valid measure of disease severity.](#)

[Jackson CE](#), [Barohn RJ](#), [Gronseth G](#), [Pandya S](#), [Herbelin L](#); [The Muscle Study Group \(MSG\) Muscle Study Group Members: Investigators: Rabi Tawil, MD, Robert Griggs, MD, Charles Thornton, MD \(Rochester, NY\); John Kissel, MD, Jerry Mendell, MD \(Columbus, OH\); Angela Genge, MD, George Karpati, MD \(Montreal, Quebec, Canada\); Carlyne Jackson, MD \(San Antonio, TX\); Michael Rose, MD \(London, UK\); Anthony Amato, MD \(Boston, MA\); Richard Barohn, "listing abridged for space" .](#)

University of Texas Health Science Center, 7703 Floyd Curl Drive, Mail Code 7883, San Antonio, Texas, USA.

✓ 2008-4 [J Neurol Neurosurg Psychiatry.](#) 2008 Feb; 79(2):205-8. Epub 2007 Aug 13

[Autosomal-dominant distal myopathy with a myotilin S55F mutation: sorting out the phenotype.](#)

[Berciano J](#), [Gallardo E](#), [Domínguez-Perles R](#), [Gallardo E](#), [García A](#), [García-Barredo R](#), [Combarros O](#), [Infante J](#), [Illa I](#).

Service of Neurology, Marqués de Valdecilla University Hospital, Centro de Investigación Biomédica en Red de Enfermedades Neurodegenerativas, University of Cantabria, Santander, Spain.
jaberciano@humv.es

- ✓ 2008 –3 [Neurophysiol Clin.](#) 2008 Feb; 38(1): 31-8. Epub 2007 Oct 11

[Stimulus-response curve of human motor nerves: multicenter assessment of various indexes.](#)

**[Boërio D](#), [Hogrel JY](#), [Lefaucheur JP](#), [Wang FC](#), [Verschueren A](#),
[Pouget J](#), [Carrera E](#), [Kuntzer T](#).**

Service de physiologie-explorations fonctionnelles, hôpital Henri-Mondor, AP-HP, 94010 Créteil, France.

- ✓ 2008 –2 [Phys Ther.](#) 2008 Jan; 88(1): 105-13. Epub 2007 Nov 6

[Facioscapulohumeral dystrophy](#)

[Pandya S](#), [King WM](#), [Tawil R](#).

School of Medicine and Dentistry, University of Rochester, Rochester, NY 14627, USA. shree_pandya@urmc.rochester.edu

- ✓ 2008 –1 [Cochrane Database Syst Rev.](#) 2008 Jan 23; (1): CD005045

[Treatment for periodic paralysis](#)

[Sansone V](#), [Meola G](#), [Links TP](#), [Panzeri M](#), [Rose MR](#).

University of Milan, Department of Neurology, Istituto Policlinico San Donato, San Donato Milanese, Milan, Italy, 20097.
valeria.sansone@unimi.it

A partial listing of published articles using the QMA System.

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Access to the publication may be made by ctrl /click on the Title ↗)

- ✓ 2007 –13 [Arch Phys Med Rehabil. 2007 Oct;88\(10\):1289-97.](#)

[Development of a French isometric strength normative database for adults using quantitative muscle testing.](#)

**[Hogrel JY](#), [Payan CA](#), [Ollivier G](#), [Tanant V](#), [Attarian S](#),
[Couillandre A](#), [Dupeyron A](#), [Lacomblez L](#), [Doppler V](#), [Meininger V](#),
[Tranchant C](#), [Pouget J](#), [Desnuelle C](#).**

Institut de Myologie, GH Pitié-Salpêtrière, Paris, France.
jy.hogrel@institut-myologie.org

PMID: 17908571 [PubMed - indexed for MEDLINE]

- ✓ 2007 -12 [Muscle Nerve. 2007 Sep;36\(3\):320-8](#)

[Computerized hand grip myometry reliably measures myotonia and muscle strength in myotonic dystrophy \(DM1\).](#)

**[Moxley RT 3rd](#), [Logigian EL](#), [Martens WB](#), [Annis CL](#), [Pandya S](#),
[Moxley RT 4th](#), [Barbieri CA](#), [Dilek N](#), [Wiegner AW](#), [Thornton CA](#).**

Department of Neurology, University of Rochester Medical Center, Box 673, 601 Elmwood Avenue, Rochester, New York 14642, USA.
RichardT.Moxley@urmc.rochester.edu

- ✓ 2007 –11 Poster presentation; NIH Biomedical Summer Research Internship Mentorship -8/1/07:

Quantitative Muscle Strength And Fatigue Testing: Assessment Of Reliability And Validity

[Joe Shrader](#), [Turnquist P](#), [Shrader J](#), [Levy E](#), [Harris-Love M](#), [Paul S](#).

National Institutes of Health, Clinical Center,
Rehabilitation Medicine Department, Bethesda Maryland, 20892 - 1604,
USA. NIH Research Festival. Mark O Hatfield Clinical Research Center,
Bethesda, MD.

✓ 2007-10 [J Neurol.](#) 2007 Jul;254(7):931-40. Epub 2007 Mar 14

[Effects of training and albuterol on pain and fatigue in facioscapulohumeral muscular dystrophy.](#)

[van der Kooi EL](#), [Kalkman JS](#), [Lindeman E](#), [Hendriks JC](#), [van Engelen BG](#), [Bleijenberg G](#), [Padberg GW](#).

Neuromuscular Center Nijmegen, Radboud University Nijmegen Medical Center, 9101, 6500 HB, Nijmegen, The Netherlands, e.vanderkooi@neuro.umcn.nl.

✓ 2007-9 [Amyotroph Lateral Scler.](#) 2007 Jun;8(3):170-6

[Quantitative assessment of motor fatigue: normative values and comparison with prior-polio patients.](#)

[Meldrum D](#), [Cahalane E](#), [Conroy R](#), [Guthrie R](#), [Hardiman O](#).

Royal College of Surgeons, Dublin, Ireland. dmeldrum@rcsi.ie

✓ 2007-8 [Neurology.](#) 2007 Jun 5;68(23):2003-7.

[A randomized controlled trial of resistance exercise in individuals with ALS.](#)

[Bello-Haas VD](#), [Florence JM](#), [Kloos AD](#), [Scheirbecker J](#), [Lopate G](#), [Hayes SM](#), [Pioro EP](#), [Mitsumoto H](#).

School of Physical Therapy, University of Saskatchewan, Saskatoon, SK, Canada. vanina.dalbello-haas@usask.ca

✓ 2007-7 [Muscle Nerve](#). 2007 Apr; 35(4): 479-85

[Severity, type, and distribution of myotonic discharges are different in type 1 and type 2 myotonic dystrophy.](#)

[Logigian EL, Ciafaloni E, Quinn LC, Dilek N, Pandya S, Moxley RT 3rd, Thornton CA.](#)

Neuromuscular Division, Department of Neurology, Box 673, 601 Elmwood Avenue, University of Rochester Medical Center, Rochester, New York 14642, USA. eric_logigian@urmc.rochester.edu

2007-6 [Neurology](#). 2007 Apr 24; 68(17):1428-9

[Pilot trial of diltiazem in facioscapulohumeral muscular dystrophy](#)

[Elsheikh BH, Bollman E, Peruggia M, King W, Galloway G, Kissel JT.](#)

Department of Neurology, The Ohio State University, Columbus, OH 43210, USA.

PMID: 17452589 [PubMed - indexed for MEDLINE]

✓ 2007-5 [Neurol Sci](#). 2007 Mar; 28(1):9-15

[Cognitive impairment in adult myotonic dystrophies: a longitudinal study.](#)

[Sansone V, Gandossini S, Cotelli M, Calabria M, Zanetti O, Meola G.](#)

Department of Neurology, University of Milan, IRCCS Policlinico San Donato, Via Morandi 30, I-20097 San Donato Milanese, Italy.

✓ 2007-4 [Amyotroph Lateral Scler](#). 2007 Feb; 8(1): 47-55

[Maximum voluntary isometric contraction: reference values and clinical application.](#)

[Meldrum D, Cahalane E, Conroy R, Fitzgerald D, Hardiman O.](#)

School of Physiotherapy, Royal College of Surgeons, Dublin, Ireland. smeldrum@rcsi.ie

✓ 2007-3 [Rev Neurol \(Paris\)](#). 2007 Jan; 163(1): 82-8.

[Long-term follow-up of multifocal motor neuropathy with conduction block under intravenous immunoglobulin]

[Article in French]

Delmont E, Azulay JP, Uzenot D, Attarian S, Verschueren A, Pouget J.

Service de Neurologie, CHU de Nice. emilien.delmont@wanadoo.fr

✓ 2007-2 [BMC Neurol](#). 2007 Jan 29; 7:3

Intravenous immune globulin in hereditary inclusion body myopathy: a pilot study

Susan Sparks, Goran Rakocevic, Galen **Joe**, Irini Manoli, Joseph S **hrader**, Michael Harris-Love, Barbara Sonies, Carla Ciccone, Heidi Dorward, Donna Krasnewich, Marjan Huizing, Marinos C Dalakas and William A Gahl*

¹Medical Genetics Branch, National Human Genome Research Institute, National Institutes of Health, Bethesda, MD, USA

²Department of Genetics and Metabolism, Children's National Medical Center, Washington DC, USA

³Neuromuscular Diseases Section, National Institute of Neurological Disorders and Stroke, National Institutes of Health, Bethesda, MD, USA

⁴Department of Rehabilitation Medicine, Clinical Center, National Institutes of Health, Bethesda, MD, USA

⁵George Washington University School of Medicine and Health Sciences, Washington DC, USA

⁶University of Maryland, Department of Hearing and Speech Sciences, College Park, MD, USA

2007-1 [Arthroscopy](#). 2007 Jan; 23(1): 21-8, 28.e1-3.

Functional assessment and muscle strength before and after reconstruction of chronic anterior cruciate ligament lesions.

de Jong SN, van Caspel DR, van Haeff MJ, Saris DB.

Department of Orthopaedic Surgery, University Medical Center Utrecht and Central Military Hospital Utrecht, Utrecht, The Netherlands.

✓ 2006 A partial listing of published articles using the QMA System.

- ✓ 1. [Rev Neurol \(Paris\)](#). 2006 Jun; 162 Spec No 2: 4S131-4S137.

[\[Functional scales and motor assessment in amyotrophic lateral sclerosis\]](#) [Article in French]

[Benaïm C, Desnuelle C, Fournier-Méhouas M.](#)

Service de Médecine Physique et Réadaptation, Hôpital l'Archet, CHU de Nice

- ✓ 2. [Menopause](#). 2006 May-Jun; 13(3): 474-81

[Fat mass rather than muscle strength is the major determinant of physical function and disability in postmenopausal women younger than 75 years of age.](#)

- **[Lebrun CE, van der Schouw YT, de Jong FH, Grobbee DE, Lamberts SW.](#)**

Julius Center for Health Sciences and Primary Care, University Medical Center Utrecht, Utrecht, The Netherlands.

- ✓ 3. [Neurology](#). 2006 Jan 10; 66(1): 88-92.

[Pentoxifylline in ALS: a double-blind, randomized, multicenter, placebo-controlled trial.](#)

[Meininger V, Asselain B, Guillet P, Leigh PN, Ludolph A, Lacomblez L, Robberecht W; Pentoxifylline European Group.](#)

Federation des Maladies du Systeme Nerveux, Pavillon Paul Castaigne, AP-HP, Hopital de la Salpetriere, Paris, France.

vincent.meininger@psl.aphp.fr

2005 A partial listing of published articles using the QMA System.

- ✓ 1. [Amyotroph Lateral Scler Other Motor Neuron Disord.](#) 2005 Mar;6(1):17-28

[**Neurophysiological measures in amyotrophic lateral sclerosis: markers of progression in clinical trials.**](#)

[**de Carvalho M, Chio A, Dengler R, Hecht M, Weber M, Swash M.**](#)

Department of Neurology at Hospital de Santa Maria, Institute for Molecular Medicine, University of Lisbon, Portugal.
mamedemg@mail.telepac.pt

- ✓ 2. [Neurology.](#) 2005 May 24;64(10):1783-5

[**Quantitating progression in ALS.**](#)

[**de Carvalho M, Scotto M, Lopes A, Swash M.**](#)

Department of Neurology, Hospital de Santa Maria, Laboratory of Electromyography, Centro de Estudos Egas Moniz, Faculty of Medicine, Institute of Molecular Medicine, Lisbon, Portugal.
mamedemg@mail.telepac.pt

- ✓ 3. [Arch Phys Med Rehabil.](#) 2005 Jan;86(1):31-6

[**Surface electromyography of the paravertebral muscles in patients with chronic low back pain.**](#)

Kramer M, Ebert V, Kinzl L, Dehner C, Elbel M, Hartwig E.

Department of Trauma, Hand and Plastic Surgery, University of Ulm, Ulm, Germany. michael.kramer@medizin.uni-ulm.de

2004 A partial listing of published articles using the QMA System

- ✓ 1. [Neurology](#). 2004 Nov 9;63(9):1681-7

[Evaluation of neuromuscular symptoms in UK Gulf War veterans: a controlled study.](#)

- [Rose MR](#), [Sharief MK](#), [Priddin J](#), [Nikolaou V](#), [Hull L](#), [Unwin C](#), [Ajmal-Ali R](#),
- [Sherwood RA](#), [Spellman A](#), [David A](#), [Wessely S](#).

Gulf War Illness Research Unit, Guy's, King's & St. Thomas' School of Medicine, London, UK. m.r.rose@kcl.ac.uk

✓

2. [Arch Phys Med Rehabil](#). 2004 Dec;85(12):1952-61

[Functional tasks exercise versus resistance exercise to improve daily function in older women: a feasibility study.](#)

[de Vreede PL](#), [Samson MM](#), [van Meeteren NL](#), [van der Bom JG](#), [Duursma SA](#), [Verhaar HJ](#).

Department of Geriatric Medicine, University Medical Center, Utrecht, The Netherlands. p.l.devreede@freeler.nl

3. [Amyotroph Lateral Scler Other Motor Neuron Disord](#). 2004 Dec;5(4):250-4.

[A Phase I safety study of hyperbaric oxygen therapy for amyotrophic lateral sclerosis.](#)

[Steele J](#), [Matos LA](#), [Lopez EA](#), [Perez-Pinzon MA](#), [Prado R](#), [Busto R](#), [Arheart KL](#), [Bradley WG](#).

Department of Neurology, University of Miami School of Medicine, Miami, FL 33136, USA

- ✓ 4. [CNS Drugs](#). 2004;18(14):967-80

[The role of creatine in the management of amyotrophic lateral sclerosis and other neurodegenerative disorders.](#)

Ellis AC, Rosenfeld J.

Carolinas Neuromuscular/ALS Center, Charlotte, North Carolina 28203, USA. amy.ellis@carolinahealthcare.org

- ✓ 5. J Strength Cond Res. 2004 Nov;18(4):689-94.

[Effects of single- vs. multiple-set resistance training on maximum strength and body composition in trained postmenopausal women.](#)

Kemmler WK, Lauber D, Engelke K, Weineck J.

Institute of Medical Physics, University of Erlangen, Germany.
wolfgang.kemmler@imp.uni-erlangen.de

- ✓ 6. Neurology. 2004 Nov 9;63(9):1656-61

[A clinical trial of creatine in ALS.](#)

Shefner JM, Cudkowicz ME, Schoenfeld D, Conrad T, Taft J, Chilton M, Urbinelli L, Qureshi M, Zhang H, Pestronk A, Caress J, Donofrio P, Sorenson E, Bradley W, Lomen-Hoerth C, Piroo E, Rezania K, Ross M, Pascuzzi R, Heiman-Patterson T, Tandan R, Mitsumoto H, Rothstein J, Smith-Palmer T, MacDonald D, Burke D; NEALS Consortium.

Department of Neurology, SUNY Upstate Medical University, 750 East Adams Street, Syracuse, NY 13104, USA. shefnerj@upstate.edu

- ✓ 7. Amyotroph Lateral Scler Other Motor Neuron Disord. 2004 Sep;5 Suppl 1:86-9

[Assessment of strength measurements.](#)

Sorensen EJ.

Mayo Clinic, Rochester, USA.

Publication Types: Multicenter Study
PMID: 15512882 [PubMed - indexed for MEDLINE]

- ✓ 8. Neurology. 2004 Aug 24;63(4):718-20.

[Randomized pilot trial of high-dose beta1NF-1a in patients with inclusion body myositis.](#)

Muscle Study Group.

Neuromuscular Disease Center, 601 Elmwood Avenue, Box 673, Rochester, NY 14642-8673. Rabi_Tawil@URMC.Rochester.edu

- ✓ 9. Neurology. 2004 Aug 24;63(4):702-8.

Strength training and albuterol in facioscapulohumeral muscular dystrophy.

van der Kooi EL, Vogels OJ, van Asseldonk RJ, Lindeman E, Hendriks JC, Wohlgemuth M, van der Maarel SM, Padberg GW.

Neuromuscular Center Nijmegen, University Medical Center Nijmegen, PO Box 9101, 6500 HB Nijmegen, The Netherlands.
e.vanderkooi@neuro.umcn.nl

- ✓ 10. Muscle Nerve. 2004 Jul;30(1):69-76

Resistance training exercise and creatine in patients with Charcot-Marie-Tooth disease.

Chetlin RD, Gutmann L, Tarnopolsky MA, Ullrich IH, Yeater RA.

Department of Human Performance and Applied Exercise Science, West Virginia University, P.O. Box 9139, Morgantown, West Virginia 26506-9139, USA. rchetlin@hsc.wvu.edu

- ✓ 11. Cochrane Database Syst Rev. 2004; (2):CD002276

Drug treatment for facioscapulohumeral muscular dystrophy.

Rose MR, Tawil R.

Department of Neurology, King's College Hospital, Academic Neuroscience Centre, Denmark Hill, London, UK, SE5 9RS.

2003 A partial listing of published articles using the QMA System

- ✓ 1 Z Kinder Jugendpsychiatr Psychother. 2003 Nov;31(4):277-84
[\[Change in muscle strength in patients with anorexia nervosa during inpatient treatment--a pilot study\]](#)
[Article in German]
Kratz O, Roessner V.
Abteilung für Kinder- und Jugendpsychiatrie und Psychotherapie, Klinik mit Poliklinik für Psychiatrie und Psychotherapie, Friedrich-Alexander-Universität Erlangen-Nürnberg.
- ✓ 2 Neurology. 2003 Dec 9;61(11):1503-7. 1472-3
[A comparison of muscle strength testing techniques in amyotrophic lateral sclerosis.](#)
Great Lakes ALS Study Group.
- ✓ 3 Muscle Nerve. 2003 Nov;28(5):630-3
[Clinical and neurophysiological evaluation of progression in amyotrophic lateral sclerosis.](#)
de Carvalho M, Scotto M, Lopes A, Swash M.
Department of Neurology, Hospital de Santa Maria, EMG Laboratory, Centro de Estudos Egas Moniz, Faculty of Medicine, Institute for Molecular Medicine, University of Lisbon, Lisbon, Portugal
- ✓ 4 Neuromuscul Disord. 2003 Nov;13(9):744-50
[Comparison of maximal voluntary isometric contraction and hand-held dynamometry in measuring muscle strength of patients with progressive lower motor neuron syndrome.](#)
Visser J, Mans E, de Visser M, van den Berg-Vos RM, Franssen H, de Jong JM, van den Berg LH, Wokke JH, de Haan RJ.
Department of Neurology (H2-222), Academic Medical Center, University of Amsterdam, PO Box 22700, 1100 DE, Amsterdam, The Netherlands. j.visser@amc.uva.nl

- ✓ 5. [Amyotroph Lateral Scler Other Motor Neuron Disord. 2003 Sep; 4\(3\): 191-206](#)

[Riluzole for amyotrophic lateral sclerosis \(ALS\)/motor neuron disease \(MND\).](#)

Miller RG, Mitchell JD, Lyon M, Moore DH.

Department of Neurology, California Pacific Medical Center, San Francisco, USA miller@cooper.cpmc.org

- ✓ 6. [Journal of Rehabilitation Research and Development Volume 39 Number 2, March/April 2002 Pages 211 — 224](#)

[Fatigue in multiple sclerosis: Current understanding and future directions](#)

Steven R. Schwid, MD; Melissa Covington, BS; Benjamin M. Segal, MD; Andrew D. Goodman, MD

Neuroimmunology Unit, Department of Neurology, University of Rochester Medical Center, Rochester, NY

- ✓ 7. [Neurology: Volume 53\(4\)11 September 1999pp 743-750](#)

[Quantitative assessment of motor fatigue and strength in MS](#)

Schwid, S. R. MD; Thornton, C. A. MD; Pandya, S. MS, PT; Manzur, K. L. BS; Sanjak, M. PhD; Petrie, M. D. RN; McDermott, M. P. PhD; Goodman, A. D. MD