

# Stanford

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## Ana Tesi-Rocha, MD

- Clinical Professor, Neurology
- Clinical Professor (By courtesy), Pediatrics
- ✉ Curriculum Vitae available Online

### CLINICAL OFFICE (PRIMARY)

- **Child Neurology**
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### Bio

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#### CLINICAL FOCUS

- Neuromuscular Diseases
- Neuromuscular Medicine

#### ACADEMIC APPOINTMENTS

- Clinical Professor, Neurology
- Clinical Professor (By courtesy), Pediatrics
- Member, Wu Tsai Human Performance Alliance
- Member, Maternal & Child Health Research Institute (MCHRI)

#### PROFESSIONAL EDUCATION

- Board Certification: Neurology with Special Qualifications in Child Neurology, American Board of Psychiatry and Neurology (2010)
- Fellowship: Children's National Medical Center Pediatric Infectious Diseases Fellowship (2010) DC
- Internship: Georgetown University Hospital (2007) DC
- Residency: Hospital Nacional de Pediatría Juan P Garrahan (2001) Argentina
- Residency: Alejandro Posadas Hospital (1997) Argentina
- Medical Education: Universidad de Buenos Aires (1994)

#### LINKS

- Get a Second Opinion: <https://stanfordhealthcare.org/second-opinion/overview.html>

### Publications

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#### PUBLICATIONS

- **Assessing the Assisted Six-Minute Cycling Test as a Measure of Endurance in Non-Ambulatory Patients with Spinal Muscular Atrophy (SMA).** *Journal of clinical medicine*

- Tang, W. J., Gu, B., Montalvo, S., Dunaway Young, S., Parker, D. M., de Monts, C., Ataide, P., Ni Ghiollagain, N., Wheeler, M. T., Tesi Rocha, C., Christle, J. W., He, Z., Day, et al  
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- **The emerging spectrum of neurodevelopmental comorbidities in early-onset Spinal Muscular Atrophy.** *European journal of paediatric neurology : EJPN : official journal of the European Paediatric Neurology Society*  
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  - **Cerebrospinal Fluid Proteomic Changes after Nusinersen in Patients with Spinal Muscular Atrophy.** *Journal of clinical medicine*  
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  - **Major Adverse Dystrophinopathy Events (MADE) Score as Marker of Cumulative Morbidity and Risk for Mortality in Boys with Duchenne Muscular Dystrophy.** *Progress in pediatric cardiology*  
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Gabriel, D., Tesi-Rocha, A., Klotz, J., Adewuya, R., Hack, L., Hess, W.  
LIPPINCOTT WILLIAMS & WILKINS.2023
  - **Spinal Muscular Atrophy Type 1: Fetal Diagnosis, Prenatal Coordination, and Postnatal Management in the Era of Novel Therapies.** *NeoReviews*  
Chitkara, R., Chock, V., Davis, A., Rocha, C. T., Day, J. W., Fluharty, B., Hintz, S.  
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  - **Correction to: Reldesemtiv in Patients with Spinal Muscular Atrophy: a Phase 2 Hypothesis-Generating Study.** *Neurotherapeutics : the journal of the American Society for Experimental NeuroTherapeutics*  
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2021
  - **Advances in the therapy of Spinal Muscular Atrophy.** *The Journal of pediatrics*  
Klotz, J., Rocha, C. T., Young, S. D., Duong, T., Buu, M., Sampson, J., Day, J. W.  
2021
  - **Reldesemtiv in Patients with Spinal Muscular Atrophy: a Phase 2 Hypothesis-Generating Study.** *Neurotherapeutics : the journal of the American Society for Experimental NeuroTherapeutics*  
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  - **Knee Strength and Ankle Range of Motion Impacts on Timed Function Tests in Duchenne Muscular Dystrophy: In the Era of Glucocorticoids.** *Journal of neuromuscular diseases*  
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  - **Genetic modifiers of respiratory function in Duchenne muscular dystrophy.** *Annals of clinical and translational neurology*  
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● **Combined Genome Sequencing and RNA Analysis Reveals and Characterizes a Deep Intronic Variant in IGHMBP2 in a Patient With Spinal Muscular Atrophy With Respiratory Distress Type 1.** *Pediatric neurology*

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● **Towards regulatory endorsement of drug development tools to promote the application of model-informed drug development in Duchenne muscular dystrophy.** *Journal of pharmacokinetics and pharmacodynamics*

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● **Chronic Polyneuritis of Childhood** *JOURNAL OF PEDIATRICS*

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● **Assessment of disease progression in dysferlinopathy: A 1-year cohort study** *NEUROLOGY*

Moore, U., Jacobs, M., James, M. K., Mayhew, A. G., Fernandez-Torron, R., Feng, J., Cnaan, A., Eagle, M., Bettinson, K., Rufibach, L. E., Lofra, R., Blamire, A. M., Carlier, et al

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● **50 Years Ago in The Journal of Pediatrics: Chronic Polyneuritis of Childhood.** *The Journal of pediatrics*

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● **Long-term effects of glucocorticoids on function, quality of life, and survival in patients with Duchenne muscular dystrophy: a prospective cohort study** *LANCET*

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● **Muscle MRI in patients with dysferlinopathy: pattern recognition and implications for clinical trials.** *Journal of neurology, neurosurgery, and psychiatry*

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- **Loss-of-Function Mutations in LGI4, a Secreted Ligand Involved in Schwann Cell Myelination, Are Responsible for Arthrogryposis Multiplex Congenita** *AMERICAN JOURNAL OF HUMAN GENETICS*  
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- **Evidence for ACTN3 as a genetic modifier of Duchenne muscular dystrophy** *NATURE COMMUNICATIONS*  
Hogarth, M. W., Houweling, P. J., Thomas, K. C., Gordish-Dressman, H., Bello, L., Pegoraro, E., Hoffman, E. P., Head, S. I., North, K. N.  
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- **Nusinersen versus Sham Control in Infantile-Onset Spinal Muscular Atrophy.** *The New England journal of medicine*  
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Punetha, J., Kesari, A., Upapinyoying, P., Giri, M., Clarke, N. F., Waddell, L. B., North, K. N., Ghaoui, R., O'Grady, G. L., Oates, E. C., Sandaradura, S. A., Bönnemann, C. G., Donkervoort, et al  
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- **50 Years Ago in THE JOURNAL OF PEDIATRICS Myotonic Dystrophy: A Neglected Form of Mental Retardation** *JOURNAL OF PEDIATRICS*  
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- **COOPERATIVE INTERNATIONAL NEUROMUSCULAR RESEARCH GROUP DUCHENNE NATURAL HISTORY STUDY DEMONSTRATES INSUFFICIENT DIAGNOSIS AND TREATMENT OF CARDIOMYOPATHY IN DUCHENNE MUSCULAR DYSTROPHY** *MUSCLE & NERVE*  
Spurney, C., Shimizu, R., Morgenroth, L. P., Kolski, H., Gordish-Dressman, H., Clemens, P. R.  
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- **Novel large deletion in the ACTA1 gene in a child with autosomal recessive nemaline myopathy** *NEUROMUSCULAR DISORDERS*  
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- **The cooperative international neuromuscular research group Duchenne natural history study: Glucocorticoid treatment preserves clinically meaningful functional milestones and reduces rate of disease progression as measured by manual muscle testing and other commonly used clinical trial outcome measures** *MUSCLE & NERVE*  
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- **Pentoxifylline as a rescue treatment for DMD A randomized double-blind clinical trial** *NEUROLOGY*  
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- **CINRG randomized controlled trial of creatine and glutamine in Duchenne muscular dystrophy** *ANNALS OF NEUROLOGY*  
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- **Update on diagnosis and treatment of hereditary and acquired polyneuropathies in childhood.** *Supplements to Clinical neurophysiology*  
Rocha, C. T., Escobar, D. M.  
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- **Drop episodes in Coffin-Lowry syndrome: an unusual type of startle response** *EPILEPTIC DISORDERS*  
Caraballo, R., Rocha, A. T., Medina, C., Fejerman, N.  
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