Stanford

Leana Doherty, MD

Clinical Associate Professor, Adult Neurology

CLINICAL OFFICE (PRIMARY)

- **Comprehensive Neurology in Pleasanton**
  5575 W Las Positas Blvd Ste 330
  Pleasanton, CA 94588
  Tel (650) 723-6469 **Fax** (925) 534-0299

Bio

BIO

Dr. Doherty is a board-certified, fellowship-trained neurologist with Stanford Health Care. She is also a clinical associate professor in the Department of Neurology & Neurological Sciences at Stanford University School of Medicine.

Dr. Doherty specializes in Guillain-Barre syndrome, myasthenia gravis, chronic inflammatory demyelinating polyneuropathy, and other neuroinflammatory, neuromuscular, and general neurologic conditions.

Her research interests include the diagnosis and management of neuromuscular disorders, and quality improvement for inpatient neurologic treatment and management. She has won numerous awards for her research, clinical, and teaching expertise in neurology.

Dr. Doherty has published in several peer-reviewed journals including Neurology, Neuromuscular Disorders, and Neurology: Neuroimmunology & Neuroinflammation. She has delivered presentations around the country and lectured before an international audience of neurology residents. Dr. Doherty serves as co-associate editor of Annals of Clinical and Translational Neurology (interACTN) and associate editor of New England Journal of Medicine (NEJM) Journal Watch Neurology. She is on the editorial board of The Neurohospitalist.

Dr. Doherty is a member of the American Academy of Neurology, American Neurological Association, Neurohospitalist Society, and Peripheral Nerve Society.

CLINICAL FOCUS

- Neurology

ACADEMIC APPOINTMENTS

- Clinical Associate Professor, Adult Neurology

HONORS AND AWARDS

- Thomas J. Preziosi Award, Johns Hopkins University School of Medicine
- Neurology Outstanding Teacher Award – Inpatient Service, Johns Hopkins University School of Medicine
- Jay Slotkin Award, Johns Hopkins University School of Medicine

- Glasgow-Rubin Certificate of Commendation for Academic Achievement, American Medical Women's Association
- Executive Chief Resident, Johns Hopkins Neurology
- Excellence in Patient Experience Award, University of Pittsburgh Medical Center
- Best Clinical Teaching Award, Department of Neurology, University of Pittsburgh Medical Center (UPMC)

PROFESSIONAL EDUCATION

- Board Certification: Neurology, American Board of Psychiatry and Neurology (2017)
- Fellowship: John Hopkins University-Bayview Medical Center (2018) MD
- Residency: Johns Hopkins Neurology Residency (2017) MD
- Internship: Strong Mem Hosp Univ of Rochester (2014) NY
- Medical Education: University of Rochester Medical Center (2013) NY

Publications

PUBLICATIONS

- **Peripheral Nerve Pathology in Paraneoplastic Neuropathy**
  Doherty, L.
  NEJM Journal Watch.
  2024
- **Macronutrients Associated with Slower Disease Progression in Patients with ALS**
  Doherty, L.
  NEJM Journal Watch.
  2024
- **Peripheral Sensory Abnormalities in ALS**
  Doherty, L.
  NEJM Journal Watch.
  2024
- **Clinical Reasoning: Woman With Acute Bilateral Ophthalmoplegia.** *Neurology*
  Giacobbe, A., Ravishankar, M., Doherty, L.
  2023; 101 (3): 140-144
- **Neuroinvasive Manifestations of West Nile Virus Infection: Lumbar Polyneuropathy, Chorioretinal Lesions, Sensorineural Hearing Loss**
  Flounders, M. W., Dermigny, K., Doherty, L.
  LIPPINCOTT WILLIAMS & WILKINS.2023
- **Predicting Wheelchair Dependence in Facioscapulohumeral Muscular Dystrophy**
  Doherty, L.
  NEJM Journal Watch.
  2023
- **Risdiplam Shows Continued Motor Benefits for SMA After 1 Year**
  Doherty, L.
  NEJM Journal Watch.
  2023
- **BMI Changes in ALS and Survival**
  Doherty, L.
  NEJM Journal Watch.
  2023
- **Clinical Characteristics of Acute Nutritional Neuropathy**

Doherty, L.
NEJM Journal Watch.
2023

- **Influence of Baseline Cognition on Delirium Severity**
  Doherty, L.
  NEJM Journal Watch.
  2023
- **The First Trial of an Antisense Oligonucleotide for Myotonic Dystrophy**
  Doherty, L.
  NEJM Journal Watch.
  2023
- **The Influence of Age on the Peripheral Nervous System**
  Doherty, L.
  NEJM Journal Watch.
  2023
- **Long-Term Efficacy of Edaravone in a European ALS Cohort**
  Doherty, L.
  NEJM Journal Watch.
  2022
- **Microarray Identifies Novel Autoantibodies in Small-Fiber Neuropathy**
  Doherty, L.
  NEJM Journal Watch.
  2022
- **Risdiplam in Spinal Muscular Atrophy Type 2 and Type 3**
  Doherty, L.
  NEJM Journal Watch.
  2022
- **Low, Standard, and High Doses of IVIg for Maintenance in CIDP**
  Doherty, L.
  NEJM Journal Watch.
  2022
- **Discontinuation of Maintenance IVIG for CIDP**
  Doherty, L.
  NEJM Journal Watch.
  2022
- **Rituximab for Juvenile Myasthenia Gravis**
  Doherty, L.
  NEJM Journal Watch.
  2022
- **High-Dose Methylcobalamin for ALS**
  Doherty, L.
  NEJM Journal Watch.
  2022
- **Using Whole-Genome Sequencing for Mitochondrial Disease Diagnosis**
  Doherty, L.
  NEJM Journal Watch.
  2022

- **Real-World Motor Improvements in SMA from Nusinersen**
  Doherty, L.
  NEJM Journal Watch.
  2022
- **Elevated Plasma P-Tau181 in ALS**
  Doherty, L.
  NEJM Journal Watch.
  2022
- **Tofersen Fails to Slow Progression in SOD1 ALS**
  Doherty, L.
  NEJM Journal Watch.
  2022
- **Radiographic Subtypes of ALS**
  Doherty, L.
  NEJM Journal Watch.
  2022
- **Rituximab for Early-Onset Myasthenia Gravis**
  Doherty, L.
  NEJM Journal Watch.
  2022
- **Inpatient Diagnosis and Management of Neuromuscular Disorders.** *Seminars in neurology*
  Doherty, L., Chaudhry, V.
  2021; 41 (5): 493-510
- **Neuropathy with Neurofascin-155 Immunoglobulins: Clinical Profile and Prognosis**
  Doherty, L.
  NEJM Journal Watch.
  2021
- **An Oral Combination of Sodium Phenylbutyrate– Taurursodiol in ALS**
  Doherty, L.
  NEJM Journal Watch.
  2021
- **Home Grip Strength Testing for Patients with CIDP**
  Doherty, L.
  NEJM Journal Watch.
  2021
- **Predicting Wheelchair Dependence in Facioscapulohumeral Muscular Dystrophy**
  Doherty, L.
  NEJM Journal Watch.
  2021
- **POEMS Syndrome: Clinical Features and Outcomes in a U.K. Cohort**
  Doherty, L.
  NEJM Journal Watch.
  2020
- **Stopping oral steroid-sparing agents at initiation of rituximab in myasthenia gravis.** *Neuromuscular disorders : NMD*
  Roda, R. H., Doherty, L., Corse, A. M.
  2019; 29 (7): 554-561

- **Refining Diagnostic Criteria for Small Fiber Neuropathy**
  Doherty, L.
  NEJM Journal Watch.
  2019

- **Oromucosal Cannabinoids for Spasticity in Motor Neuron Disease**
  Doherty, L.
  NEJM Journal Watch.
  2019

- **Limb and Bulbar Skeletal Muscle MRI Characteristics in SBMA and ALS**
  Doherty, L.
  NEJM Journal Watch.
  2019

- **Frequency of polyneuropathy and amyloid detectable in skin biopsy in wild type transthyretin cardiomyopathy**
  Doherty, L., Judge, D., Fajardo, J., Burks, K., Brown, E., Ebenezer, G., Polydefkis, M.
  WILEY.2018: 393

- **Revised Classification for Idiopathic Inflammatory Myopathies**
  Doherty, L.
  NEJM Journal Watch.
  2018

- **Anti-DPPX encephalitis: prominent nystagmus reflected by extraocular muscle FDG-PET avidity.** *Neurology(R) neuroimmunology & neuroinflammation*
  Doherty, L., Gold, D., Solnes, L., Probasco, J., Venkatesan, A.
  2017; 4 (4): e361

- **Frameshift mutation in p53 regulator RPL26 is associated with multiple physical abnormalities and a specific pre-ribosomal RNA processing defect in diamond-blackfan anemia** *HUMAN MUTATION*
  Gazda, H. T., Preti, M., Sheen, M. R., O'Donohue, M., Vlachos, A., Davies, S. M., Kattamis, A., Doherty, L., Landowski, M., Buros, C., Ghazvinian, R., Sieff, C. A., Newburger, et al
  2012; 33 (7): 1037-1044

- **Ribosomal Protein Genes RPS10 and RPS26 Are Commonly Mutated in Diamond-Blackfan Anemia** *AMERICAN JOURNAL OF HUMAN GENETICS*
  Doherty, L., Sheen, M. R., Vlachos, A., Choesmel, V., O'Donohue, M., Clinton, C., Schneider, H. E., Sieff, C. A., Newburger, P. E., Ball, S. E., Niewiadomska, E., Matysiak, M., Glader, et al
  2010; 86 (2): 222-228

- **Ribosomal Protein Genes S10 and S26 Are Commonly Mutated in Diamond-Blackfan Anemia**
  Gazda, H. T., Sheen, M., Doherty, L., Vlachos, A., Choesmel, V., O'Donohue, M., Schneider, H. E., Clinton, C., Sieff, C. A., Newburger, P. E., Ball, S. E., Niewiadomska, E., Matysiak, et al
  AMER SOC HEMATOLOGY.2009: 78