



DONALD AND BARBARA
ZUCKER SCHOOL of MEDICINE
AT HOFSTRA/NORTHWELL

Title of Conference: Understanding the Spectrum of Childhood Encephalitides including PANDAS & PANS

Day and Date: February 22, 2022

Time Frame: 8:00 a.m. – 3:00 p.m. (EST)

Location: Live Virtual CE Conference via Zoom



This activity was planned by and for the healthcare team, and learners will receive 6.5 Interprofessional Continuing Education (IPCE) Credits for learning and change.



Course Director: Souhel Najjar, MD

In cooperation with:



Understanding the Spectrum of Childhood Encephalitides including PANDAS & PANS
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Program Agenda

- 7:45 AM **Late Registration - Virtual Exhibit Hall**
- 8:00 AM **Welcome Introduction**
Souhel Najjar, MD, Northwell Health
Diana Pohlman, Executive Director, PANDAS Network
- 8:10 AM **Bringing Attention to Childhood Pediatric Autoimmune Encephalitis,
The Challenges We Must Face in Neurology**
Souhel Najjar, MD
- 8:50 AM **2019 AAN Guidelines: Clinical Approaches to Autoimmune Encephalitis in the Pediatric
Patient and Role of the Autoimmunity Found in the PANS Clinic**
Eyal Muscal, MD, MS
- 9:20 AM **PANS: Clinical Experience in IVIG Treatment in 55 Children and Findings of Oxidative
Stress & Gut-Derived Lipopolysaccharides in Children with PANS**
Albert Spalice, MD, PhD
- 9:50AM **Panel Round Table – Q & A Session**
- 10:20 AM **Break/Virtual Exhibit Hall**
- 10:30AM **Antibodies from Children with PANDAS Bind Specifically to Striatal Cholinergic
Interneurons and Alter their Activity**
Christopher Pittenger, MD, PhD, FAPA, FANA
- 10:50 AM **The Role of Adaptive Immunity and Genetic Risk Factors in Vascular and Neuronal
Dysfunction in Post-Infectious Autoimmune Encephalitis**
Dritan Agalliu, PhD
- 11:10 AM **Metabolomic Characterization of Children with PANS**
Antonella Gagliano, MD, PhD
- 11:30 AM **Proinflammatory Dopamine-2 Receptor-Specific T cells in Pediatric Movement and
Psychiatric Disorders**
Fabienne Brilot, PhD
- 11:50 AM **Panel Roundtable / Q&A**
- 12:20 PM **Break/Virtual Exhibit Hall**
- 12:30 PM **Patients Who Have Overcome Illness**

Tracey Grady – Young Child with PANDAS
Christy Jagdfeld – Young Adult with PANDAS & Dysautonomia
Diana Pohlman – Two Siblings 7 & 12 yrs PANDAS Onsets

- 12:40 PM **Immune Mediated Pediatric Encephalitis (Four Cases) of Pediatric Seronegative Onset:
Need for Comprehensive Evaluations and Consensus Guidelines**
Julia Shekunov, MD
- 1:10 PM **SARS-CoV-2 Related Pediatric Acute-Onset Neuropsychiatric Syndrome
Case Study: 12-year-old Boy and Overlap with PANS Symptomatology**
Piero Pavone, MD, PhD
- 1:40 PM **Challenges Treating Acute PANDAS/PANS (aka Basal Ganglia Encephalitis):
Press for Care & Overcome Obstacles**
Yuval Shafrir, MD
- 2:10 PM **Final Roundtable – Q & A**
- 2:40 PM **Closing Remarks**
Souhel Najjar, MD
- 3:00PM **Conference Adjourns**

Understanding the Spectrum of Childhood Encephalitides including PANDAS & PANS

Day and Date: February 22, 2022

Time Frame: 8:00am-3:00pm (EST) Live Virtual CE Conference, via Zoom

Statement of Need: This conference will focus on the pathological mechanisms that can cause autoimmune encephalitis, a disease of the central nervous system, and the methods of diagnosis and treatment. The conference will focus on emerging basic science evidence and clinical treatment approaches for, PANDAS, PANS and seronegative encephalitis will be discussed together with best practices surrounding the complex diagnosis and treatment of these diseases.

Discussions will include a review of the troubling overlap of mental illness diagnostic challenges of PANS and other autoimmune encephalitides for all medical professionals, especially Neurologists and Psychiatrists, will be discussed and strategies for future directions in improved diagnostic methods will be considered. This activity brings together a multi-disciplinary approach to a new field of medicine and will consider best practices from various specialties.

Program Objectives: All Northwell Health CME activities are intended to improve patient care, safety, and outcomes. At the conclusion of this conference participants should be able to:

Discuss various case examples to assist with a practical guide to the exams, diagnosis and treatment of autoimmune encephalitis patients.

Obtain new knowledge to assist with the recognition and creating treatment plans for autoimmune encephalitis, including the recognition of the psychological manifestations of the disease.

Utilize case presentations, applying pedagogical principals, evidence-based literature citations, audience engagement and measured improvement in sequential experiences.

Target Audience: MD/DOs, NPs, PAs, RNs, EMTs, Psychologists, Fellows, Residents, and Students and all members of the healthcare team interested in autoimmune encephalitis and its neurological effects.

Joint Accreditation Statement: In support of improving patient care, this activity has been planned and implemented by Northwell Health and the PANDAS Network. Northwell Health is jointly accredited by the Accreditation Council for Continuing Medical Education (ACCME), the Accreditation Council for Pharmacy Education (ACPE), and the American Nurses Credentialing Center (ANCC), to provide continuing education for the healthcare team.



Physicians: Northwell Health designates this live for a maximum of 6.5 *AMA PRA Category 1 Credits*TM. Physicians should claim only credit commensurate with the extent of their participation in the activity.

Nurses: Northwell Health designates this activity for 6.5 ANCC contact hours.

Physician Assistants: Northwell Health has been authorized by the American Academy of PAs (AAPA) to award AAPA Category 1 CME credit for activities planned in accordance with AAPA CME Criteria. This activity is designated for 6.5 AAPA Category 1 CME credits. PAs should only claim credit commensurate with the extent of their participation.

Psychologist:

Social Work:

Verification of Attendance: Will be provided to all professionals.

Location: Live Virtual CE Conference via Zoom

Course Offering and Registration Fees:

No Charge - Northwell Employees and Affiliates

No Charge - Fellows, Residents, and Students

\$75.00 - Non-Northwell Physicians

\$25.00 - Non-Northwell PAs, PTs, NPs, RNs, all others

Registration Fee includes: course materials, entry to virtual conference, and CME/Verification of Attendance Certificate.

Cancellation Policy: To receive a refund, all cancellations must be confirmed via email to Belinda Spatola-Pantina (bspatola@northwell.edu), Office of Continuing Medical Education by Monday February 14, 2022. An administrative fee of \$10 will be kept for all cancellations. No refunds will be made after this date or for “no-shows.”

Disclosure Policy: Northwell Health adheres to the ACCME’s Standards for Integrity and Independence in Accredited Continuing Education. Any individuals in a position to control the content of a CME-CE activity, including faculty, planners, reviewers or others are required to disclose all financial relationships with ineligible companies. All relevant financial relationships have been mitigated prior to the commencement of the activity.

Americans with Disabilities Act: This conference is in compliance with provisions of the Americans With Disabilities Act (ADA) and is accessible for individuals with special needs. If you would like to attend this conference and require any special needs or accommodations, please contact the Office of CME at (516)-266-2263.

Course Director:

Souhel Najjar, MD

Chairman of Neurology
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North Shore University Hospital
Staten Island University Hospital
Lenox Hill Hospital
Executive Director, Neurology Service Line
Senior Vice President, Neurology Service Line
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Professor, Zucker School of Medicine at Hofstra/Northwell

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Fabienne Brilot, PhD

Child & Adolescent Health
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The Children's Hospital at Westmead
Assoc. Professor, Principal Research Fellow
University of Sydney, Australia

Antonella Gagliano, MD

Child Psychiatry
University of Cagliari
Italy

Tracey Garrett

Guest Patient
Massachusetts

Christy Jagdfeld, CPA*

PANDAS Network
Guest Patient

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Psychology
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Associate Professor
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Pediatric Rheumatology
Texas children's hospital
Associate Professor of Pediatrics
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Neuropsychiatry
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Asst. Director of Translational Research, Psychiatry
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Connecticut Mental Health Center
Mears & Jameson Professor of Psychiatry
Professor in the Child Study Center
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Diana Pohlman

Executive Director
PANDAS Network
Guest Patient

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Pediatric Neurology
Mercy Hospital, Missouri

Julia Shekunov, MD

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Rochester, Minnesota
Assistant Professor, Psychiatry
Mayo Clinic College of Medicine and Science

Alberto Spalice, MD

Dept. of Pediatrics and Neuropsychiatry
Sapienze University

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****Planner***

Conference Planning Committee:

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Souhel Najjar, MD

Conference Coordinated By:

Christy Jagdfeld, CPA

Treasurer, Board of Directors

PANDAS Network

Diana Pohlman, Executive Director

PANDAS Network

Kelly Wexlar, MBA, Program Director

Neurology, Northwell Health

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