

# CHLA CARE NETWORK TOWN HALL

October 10, 2023



Building healthier futures through a premier network of pediatric providers delivering innovative, seamless care across our local communities.



5:30 – 5:35 p.m.	Welcome & CME Info	Elizabeth Arellano
5:35 – 5:45 p.m.	Care Network Updates	Elizabeth Arellano Christina Yousif
5:45 – 6 p.m.	CHLA Comprehensive Epilepsy Center	Shafali Jeste, MD
6 – 7 p.m.	Clinical Practice Guidelines for Care of Youth with Obesity	Alaina Vidmar, MD





### **CME INFORMATION**

Elizabeth Arellano

# **CME Information**

- EEDS Activity Sign-In Code: 78frug
- 1 AMA PRA Category 1 Credit<sup>™</sup> Available





### CARE NETWORK UPDATES

Elizabeth Arellano & Christina Yousif

# **Care Network Websites**

- Care Network Website
  - <u>https://www.chlahealthnetwork.info/</u>
    - Practice Support Resources
    - Specialty Resources
    - Clinical Pathways
    - Pathology and Laboratory Services
    - Open Capacity at Ambulatory Care Centers
- Care Network SharePoint Website (Internal)
  - <u>https://chla.sharepoint.com/sites/carenetwork</u>
    - Care Network Materials
    - Care Network Contacts
    - Clinical Pathways / Care Network Quality Improvement Program Information

### Care Network Quality Improvement Programs



• Open LMS - <u>https://chla.myopenlms.net</u>

# **Specialty Resources - Warmlines**

- GI
- Orthopedic and Sports Medicine
- Neurosurgery
- Neurology
- Urology
- Behavioral Health

## CHLA CARE NETWORK







### **UPCOMING EVENTS**

Elizabeth Arellano

# Fall Town Hall #2 – November 14, 2023

First, Do No Harm: Treating Youth With Higher BMIs

Presented by: Maya M. Kumar, MD, FAAP, FRCPC

\*1 CME Credit

Tuesday, November 14, 2023 5:30 – 7:00 p.m.







### Liver Disease in Children: From London to LA

**JANUARY 27, 2024** 

LOS ANGELES, CA

#### **Unlocking Global Insights in Primary Care** for the Child with Liver Disease



#### **Course Highlights:**

- **Emphasis on Primary Care Providers**
- Gain unprecedented insights from renowned experts on cutting-edge research, technology, and data in pediatric liver disease.
- Learn to diagnose, treat, and refer young patients with liver conditions through comprehensive reviews and hands-on strategies.
- Collaborate effectively with pediatric liver specialists to enhance care for children with chronic liver conditions.

#### **Course Directors:**

- Rohit Kohli, MBBS, MS, Children's Hospital Los Angeles
- Anil Dhawan, MD, FRCPCH, King's College Hospital, London

#### **Register Here!**

\*Registration Discount Available for Care Network Members



### SAVE THE DATE! 6<sup>th</sup> Annual CARE NETWORK MEMBER CONFERENCE

Saturday, April 27, 2024 • 8 a.m. – 2 p.m.

**The Garland Hotel** 4222 Vineland Ave. North Hollywood, CA 91602

Join us for a day of networking and CME presentations. Program details to be announced. Registration link coming soon.

Questions? Contact Care Network at primarycarenetwork@chla.usc.edu or 818-804-1322.





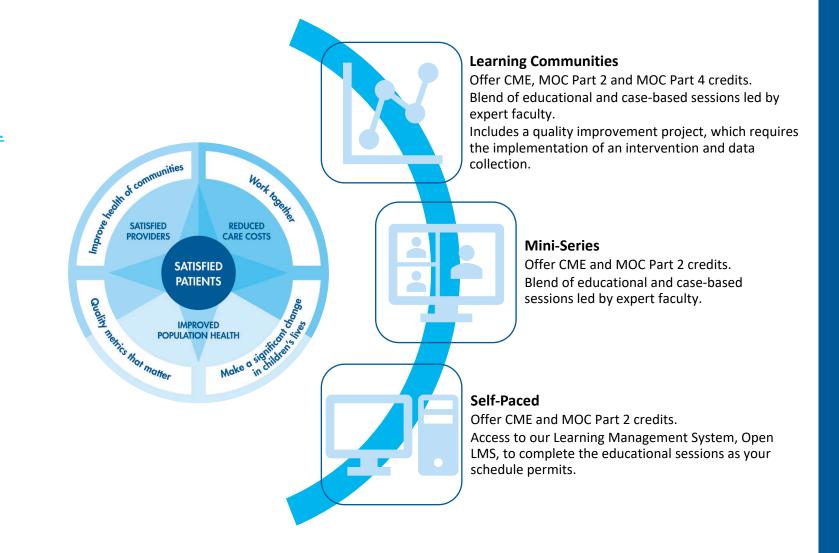
# QUALITY IMPROVEMENT PROGRAMS

Christina Yousif

# 2024 Quality Improvement Programs

#### **REGISTRATION OPEN!**

- Registration link:
  - <u>https://www.chlahealthnetwork.</u> <u>info/cy24-quality-programs</u>
- Areas of focus include:
  - Weight Management
  - Neurology
  - Orthopedics
  - Behavioral Health
  - Genetics
  - Rheumatology
  - Nephrology and Urology







### INTRODUCTION – Shafali Jeste, MD

Elizabeth Arellano



### CHLA COMPREHENSIVE EPILEPSY CENTER Shafali Jeste, MD



# Neurological Institute and Epilepsy Program at CHLA

Shafali Jeste, MD

Chief of Neurology, Las Madrinas Chair

CHLA

### Vision

To help all children achieve their full neurological potential.

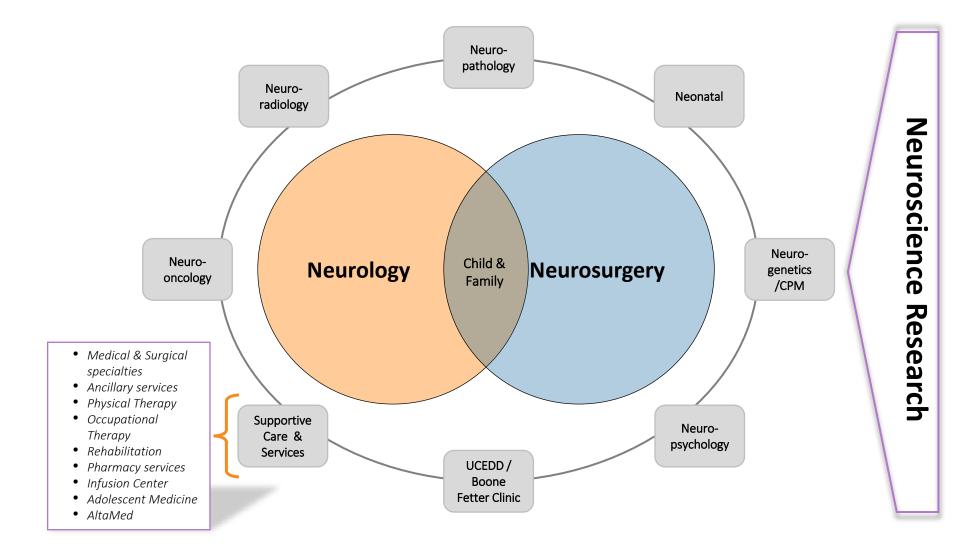


# Neurological Institute Overview

	tric neurology and neurosurgery by U.S.	Annual Numbers
<ul> <li>News &amp; World Report.</li> <li>Largest pediatric neurology progra</li> <li>Perform highest number of tumor</li> <li>NEUROLOGY &amp; NEUROSURGERY 2023-2024</li> <li>Include 11 multi-disciplinary progr programs/specialties</li> </ul>	surgeries on the west coast	<b>25,000+</b> Outpatient Visits <b>1,900+</b> Inpatient Discharges <b>627</b> Surgeries
Primary Programs Neurology General Neurology Neuromuscular Epilepsy Neuroimmunology Neuro Critical Care Movement disorders (and spasticity) Neurocutaneous disorders (NF, TSC)	Neurosurgery Epilepsy Surgery Brain & Spinal Tumors Craniofacial Hydrocephalus Deep Brain Stimulation Brachial Plexus	
<ul> <li>Education</li> <li>Pediatric Epilepsy Fellowship (ACGME)</li> <li>Pediatric Neurology Residency Program (ACGME)</li> <li>Neurophysiology Fellowship (ACGME)</li> <li>Neurocritical Care Fellowship</li> <li>Pediatric Neurosurgery Fellowship</li> <li>Programs for residents, medical students and/or</li> <li>Postdoctoral trainees</li> </ul>	<ul> <li>Certifications</li> <li>One of the 1<sup>st</sup> Certified Duchenne Care Cercalifornia</li> <li>Muscular Dystrophy Association (MDA) Carcon Member of Hydrocephalus network</li> <li>Member of International Pediatric MS Stute</li> <li>Accredited Level 4 Epilepsy Center (NAECON)</li> <li>ABRET Certified EEG Lab</li> </ul>	are Center udy Group (Multiple Sclerosis)

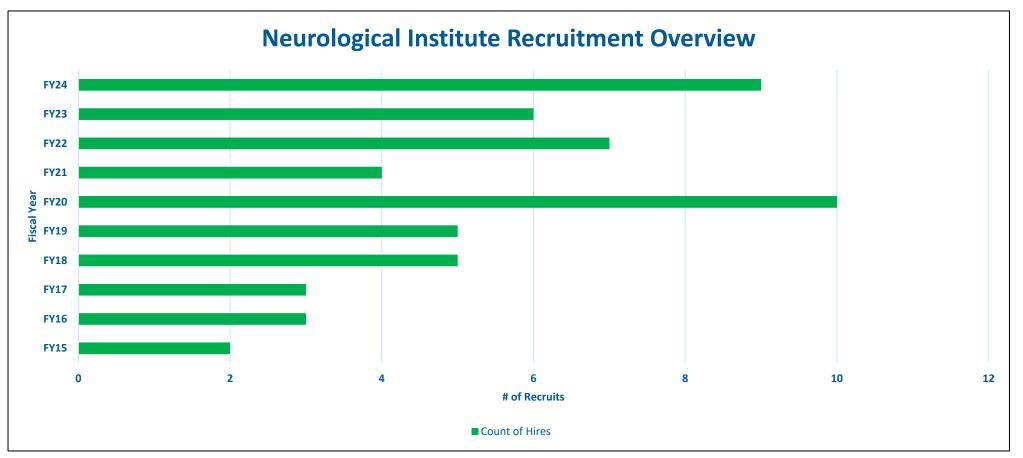


## **Comprehensive Program Structure**





### Faculty & Provider Recruitment 2016 - 24



- ✓ Recruited 31 new faculty across Neurology and Neurosurgery; total 37 faculty members
- ✓ Recruited 19 new advanced practitioners
- ✓ Epilepsy Includes 6 faculty and 7 APP's



# **Comprehensive Epilepsy Center**

- Neurology, Neurosurgery, Neuropsychology, Radiology, Anesthesiology, Social Work, Physical/Occupational Therapy, and Nursing.
- State-of-the-art inpatient Epilepsy Monitoring Unit (EMU).
- The Comprehensive Epilepsy Center has a level 4 certification—the highest available—from the National Association of Epilepsy Centers and is a designated Center of Excellence by CCS.
- Pediatric Epileptologists are double Board-Certified in Adult and Pediatric Neurology, with specialty training in pediatric seizure disorders.

#### Epileptologists

- Dr. Latanya Agurs
- Dr. Brittany Jordan
- Dr. Madeline Kahan
- Dr. Michelle Van Hirtum-Das
- Dr. Sucheta Joshi (starts 01/01/24)
- Dr. Asri Yuliati (starts 01/01/24)

#### Neurosurgeons

- Dr. Susan Durham
- Dr. Peter Chiarelli
- Dr. Jason Chu
- Dr. Mark Krieger
- Dr. Gordon McComb

#### Our Team

#### Neuropsychologist

- Dr. Leanne Mendoza
- Dr. Jenna Chiang

#### **Advanced Practitioners**

- Christiana De Jesus, PA
- Stephanie Dixon, NP
- Tanya Gidish, NP
- Bryan McKenzie, PA
- Katie Mitaszka, PA
- Andrea Pang, PA
- Julia Robinson, PA

#### Dietitians

- Candice Barrows
- Evangeline Li
- Louis Wu

#### 40+ Support Staff Members

- Nurses
- Nurse Care Managers
- Technologists
- Administrative Support



# Clinical programs

- Complex / intractable epilepsy
- New onset seizures (14 day turnaround)
- Ketogenic diet
- Surgical epilepsy
- 6 bed EMU (spell capture and presurgical workup)
- Outpatient EEG





- Sucheta Joshi, MD
- Service Chief of Pediatric Neurology and Medical Director of Pediatric Epilepsy at Michigan Medicine
  - Complex epilepsy clinical program
  - Inpatient pediatric epilepsy service
  - One of the largest ketogenic diet programs in the country.
- Advisory Committee for the American Academy of Pediatrics (AAP) National Coordinating Center for Epilepsy
- Epilepsy ECHO projects in collaboration with the AAP since 2013.
- Child Neurology Society Executive Board
- National Association of Epilepsy Centers to improve access to tertiary care epilepsy programs.



# **Epilepsy Physicians**



Latanya Agurs, MD



#### Madeline Kahan, MD



Sucheta Joshi, MD



Michele Van Hirtum-Das, MD



Brittany Jordan, MD



Asri Yuliati, MD



# **Epilepsy Program Highlights**

- >3000 EEG's per year  $\checkmark$ >100 epilepsy surgeries per year >4,000 epilepsy outpatient visits per year >400 admissions to the EMU each year New-Onset Seizure Clinic is amongst the largest programs of its kind on the west coast. Regional market leader in clinical neurosciences ✓ Source Localization & High Density EEG ✓ Rosa Robot ✓ Laser Ablation ✓ 3T MRI and functional MRI capabilities ✓ < 3% readmission rates – neurosurgery ✓ 89% seizure free rate ✓ > 90% pt. satisfaction
  - Multiple active epilepsy clinical
  - research studies



Operational Excellence

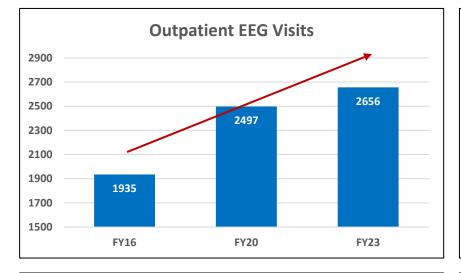
Program

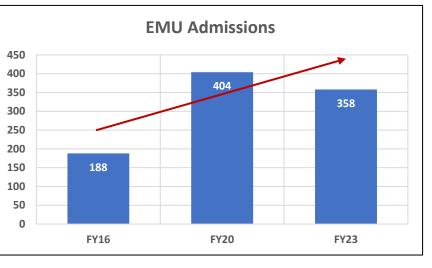
Growth

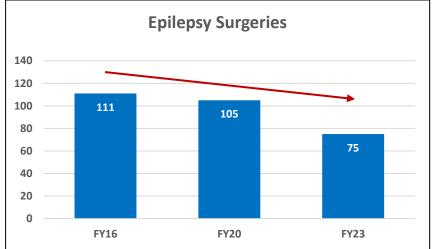
Clinical Excellence

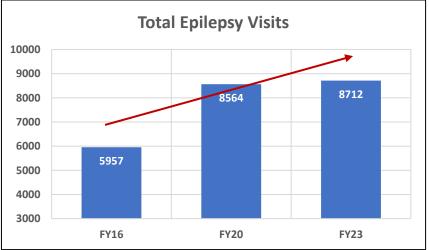
Academics & Research

# Epilepsy Program Growth 2016-2023



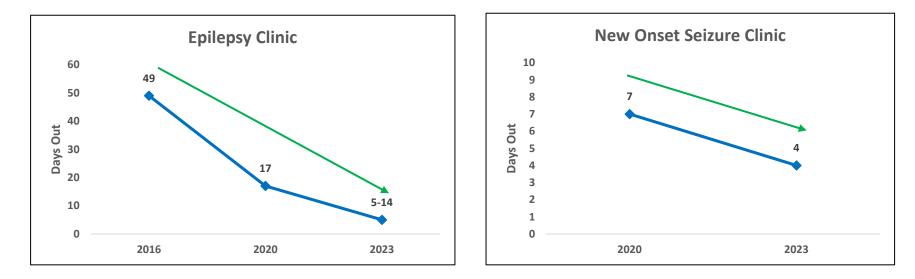


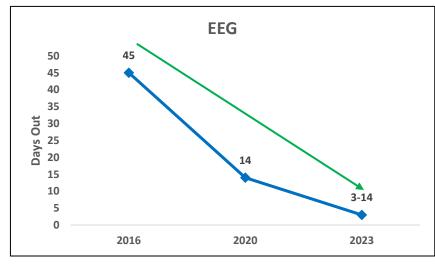






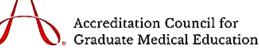
## **Improvement in Patient Access**



























## Referrals

#### **Request Form**



DIVISION OF NEUROLOGY REFERRAL REQUEST FORM Division Phone: 323-361-2471 Referral Fax: 323-361-8988 Neurological Institute Website: <u>chla.org/neuro</u>

	PATIENT INFORMATION	
Date:		
Patient Name:	DOB:	
	Other Contact:	
Phone - Day:	Phone - Night:	
	Authorization #:	
Medi-Cal #:		

		REASON FOR REFERRAL
Is this an urgent referral?	N0 🗆	YES 🗆
Is this a second opinion?	NO 🗆	YES 🗆

Indicate if this referral is for a specific provider: \_\_\_\_\_ Reason for the referral and/or suspected diagnosis:

Please designate a program for the refer	ral:
GENERAL NEUROLOGY	Headaches, Uncomplicated Epilepsy, Developmental Delay, Hypotonia, Microcephaly, Macrocephaly, Concussion, Other General Neurologic Conditi
NEURO-IMMUNOLOGY	Multiple Sclerosis, ADEM, Transverse Myelitis, Opsoclonus Myoclonus Syndro Other Neuro-Immunologic Disorders
MOVEMENT DISORDERS	Cerebral Palsy, Baclofen Pump, Botox Injections, Dystonia, Choreoathetosis Other Abnormal Movements
TIC DISORDERS	Tic Disorders, Tourette Syndrome
NEUROCUTANEOUS DISORDERS	Neurofibromatosis, Tuberous Sclerosis, Sturge Weber, Other Neurocutaneou Disorders
	Muscular Dystrophy, Myopathy, Peripheral Nerve Disorders (CMT), Myasthen
NEUROMUSCULAR	Gravis, Spinal Muscular Atrophy
Request for EMG/NCV:	
EMG/NCV	
M.D. Signature (required):	Date/Time:
	New Onset Seizures, Concerns for Seizures or Spells in Developmentally Nor
NEW ONSET SEIZURE CLINIC**	Children, Febrile Seizures
INTRACTABLE EPILEPSY**	Children, Febrile Seizures Patient is on 2 or More Anticonvulsants and Still Experiencing Seizures; Epil Surgery Evaluation; Ketogenic Diet; Vagus Nerve Stimulator
INTRACTABLE EPILEPSY**	Children, Febrile Seizures Patient is on 2 or More Anticonvulsants and Still Experiencing Seizures; Epil
INTRACTABLE EPILEPSY**	Children, Febrile Seizures Patient is on 2 or More Anticonvulsants and Still Experiencing Seizures; Epil Surgery Evaluation; Ketogenic Diet; Vagus Nerve Stimulator
INTRACTABLE EPILEPSY** An EEG order is required for referrals i EEG Routine Sleep Deprived M.D. Signature (required):	Children, Febrile Seizures Patient is on 2 or More Anticonvulsants and Still Experiencing Seizures; Epil Surgery Evaluation; Ketogenic Diet; Vagus Nerve Stimulator to these two programs, please check an EEG option in prescription below: Uideo/EEG (4-6 Hours) Date/Time:
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#### **Contact Information**

Division of Neurology Phone: 323-361-2471 Fax: 323-361-1109

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Children's Hospital



### INTRODUCTION – Alaina Vidmar, MD

Elizabeth Arellano