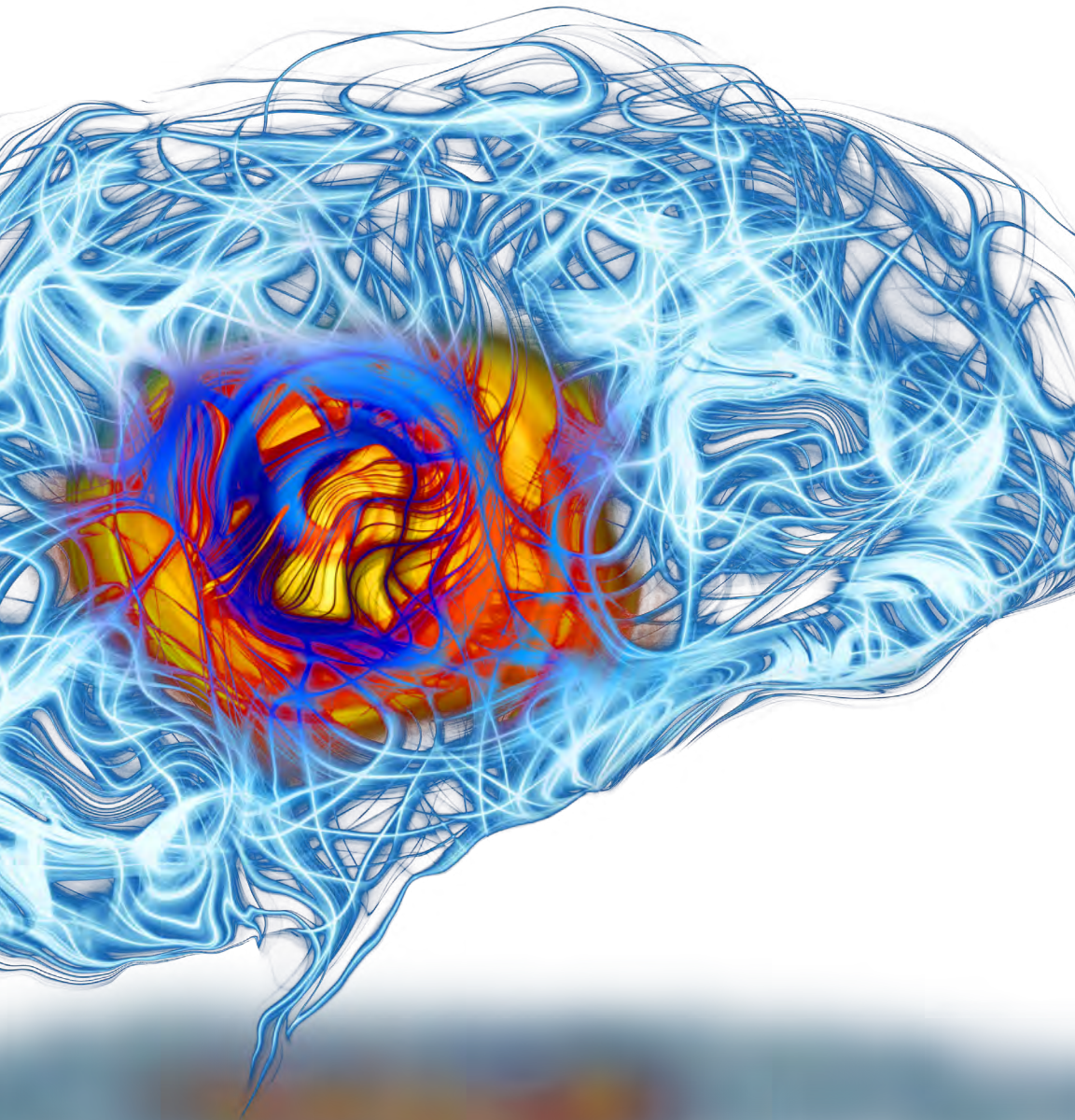




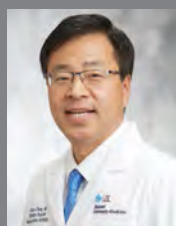
Banner
University Medicine
Neuroscience Institute

5th Annual Neuroscience Symposium

Saturday, September 10, 2022 • 7:30am – 4:30pm
The University of Arizona College of Medicine – Phoenix, AZ



Please Join us at the 5th Annual Neuroscience Symposium!



STEVE CHUNG, MD

Chairman, Banner – University Medical Center Phoenix, Department of Neurology; Professor, University of Arizona College of Medicine – Phoenix, Department of Neurology

ABOUT THE PROGRAM

Please join us for our 5th Annual Neuroscience Symposium! This symposium is designed to provide practical information for practicing neurologists, primary care providers and other advanced practitioners. Each lecture is developed to provide a review of clinical neurology and progress in patient care in various neurological conditions.

In addition, this educational format is designed to provide participants with knowledge and skills to manage common neurological conditions. We will also discuss up-to-date knowledge of neurological disorders and new advances in treatment options.

Objectives

The objective is to increase understanding, competence and improve clinical practice in neurology. Specifically to:

- Discuss new treatments for headaches, dementia & degenerative disorders, neuromuscular disorders & MS
- Apply new concepts to Parkinson's disease & minimally invasive surgery
- Discuss new advancements in epilepsy treatment
- Discuss the risks & consequences of long COVID syndrome

Who Should Attend?

- Neurologists
- Internal Medicine Physicians
- Family Medicine Physicians
- Primary Care Physicians
- Physician Assistants
- Nurse Practitioners
- Nurses
- Residents
- Medical Students
- Trainees in the neurosciences field

What to Wear

The symposium room is air conditioned and it is sometimes difficult to keep a moderate temperature for all. We recommend that you bring a jacket or sweater.

SYMPOSIUM SCHEDULE: SATURDAY, SEPTEMBER 10, 2022

TIME	DESCRIPTION	PHYSICIANS
7:30 – 8:00am	Registration & Breakfast*	—
8:00 – 8:15am	Introduction	Steve Chung, MD
8:15 – 9:00am	Update on the Diagnosis & Management of Essential Tremor	Holly Shill, MD
9:00 – 9:45am	Treatment Algorithm of Migraine Headaches	Joshua Tobin, MD
9:45 – 10:30am	New Treatment of Headaches (CGRP MOA)	Courtney Schusse, MD
10:30 – 10:45am	Coffee Break I*	—
10:45 – 11:30am	Acute Repetitive Seizures & Refractory	Daniel Fayard, MD
11:30am – 12:15pm	Severe Childhood Epilepsy (Dravet, LGS)	Randa Jarrar, MD
12:15 – 1:00pm	Lunch*	—
1:00 – 1:45pm	New Treatment Advances in Alzheimer's Disease & Related Disorders	Parichita Choudhury, MD
1:45 – 2:15pm	Post Acute COVID Sequelae: Neurological Symptoms & Disorders	Ganesh Murthy, MD
2:15 – 3:00pm	Minimally Invasive Surgery	Robert Bina, MD
3:00 – 3:15pm	Coffee Break II*	—
3:15 – 3:45pm	Understanding the Treatment Landscape of Genetic Neuromuscular Disorders	Christina Chrisman, MD
3:45 – 4:15pm	New Advances In Oral MS Treatment & MS Updates	Nida Laurin, MD
4:15 – 4:30pm	Closing Remarks, Evaluation, Raffle Winner Announcement	Steve Chung, MD

* Breakfast, lunch & breaks will be served

On behalf of our sponsors and exhibitors, we thank you for attending our symposium and we hope you will enjoy this unique learning experience.

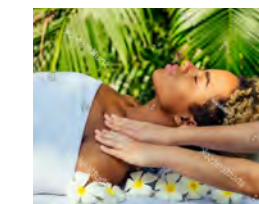
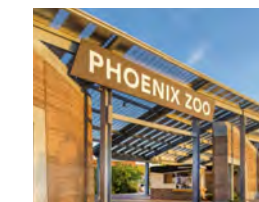
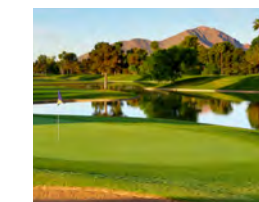


NEARBY ACCOMMODATIONS

- **AC Hotel Phoenix Downtown:** Marriott.com // 602.258.1771
- **Sheraton Grand Phoenix:** SheratonPhoenixDowntown.com // 602.262.2500
- **SpringHill Suites:** SpringHillSuites.Marriott.com // 602.307.9929
- **Holiday Inn Express:** IHG.com/HolidayInnExpress // 602.452.2020
- **Phoenix Marriott Tempe at The Buttes:** Marriott.com // 602.225.9000
- **Pointe Hilton Tapatio Cliffs Resort:** TapatioCliffsHilton.com // 602.866.7500

LOCAL ATTRACTIONS

- **Phoenix Art Museum:** PhxArt.org
- **Musical Instrument Museum:** MIM.org
- **Crackerjax Family Fun & Sports Park:** CrackerJax.com
- **Old Town Scottsdale:** OldTownScottsdaleAZ.com
- **Phoenix Zoo:** PhoenixZoo.org
- **Desert Botanical Garden:** DBG.org
- **OdySea Aquarium:** OdyseaAquarium.com
- **Wildlife World Zoo, Aquarium & Safari Park:** WildlifeWorld.com
- **Butterfly Exhibit:** ButterflyWonderland.com
- **Arizona Biltmore Resort & Golf:** AZBiltmoreGC.com
- **Arizona Grand Resort, Golf & Spa:** ArizonaGrandGolf.com
- **Talking Stick Resort, Casino & Golf:** TalkingStickCasino.com
- **Golf Courses:**
 - **Phoenix Country Club:** PhoenixCountryClub.com
 - **Raven Golf Club:** RavenPhx.com
 - **Papago Golf Course:** PapagoGolfCourse.net
 - **Starfire Golf Club:** StarfireGolfClub.com



SYMPOSIUM LOCATION

The University of Arizona College of Medicine – Phoenix
435 N. 5th Street, Phoenix, Arizona 85004
Health Sciences Education Building
Lecture Hall C104 • Located on the Main Floor

SYMPOSIUM REGISTRATION

To register for the symposium, please visit BannerHealth.com/230CARE or call **602.230.CARE (2273)** within Arizona or **800.230.CARE (2273)** outside of Arizona. You will be asked to provide your name and contact information including your e-mail address and how you will pay for the symposium: check or credit card.

To Register for the Symposium:

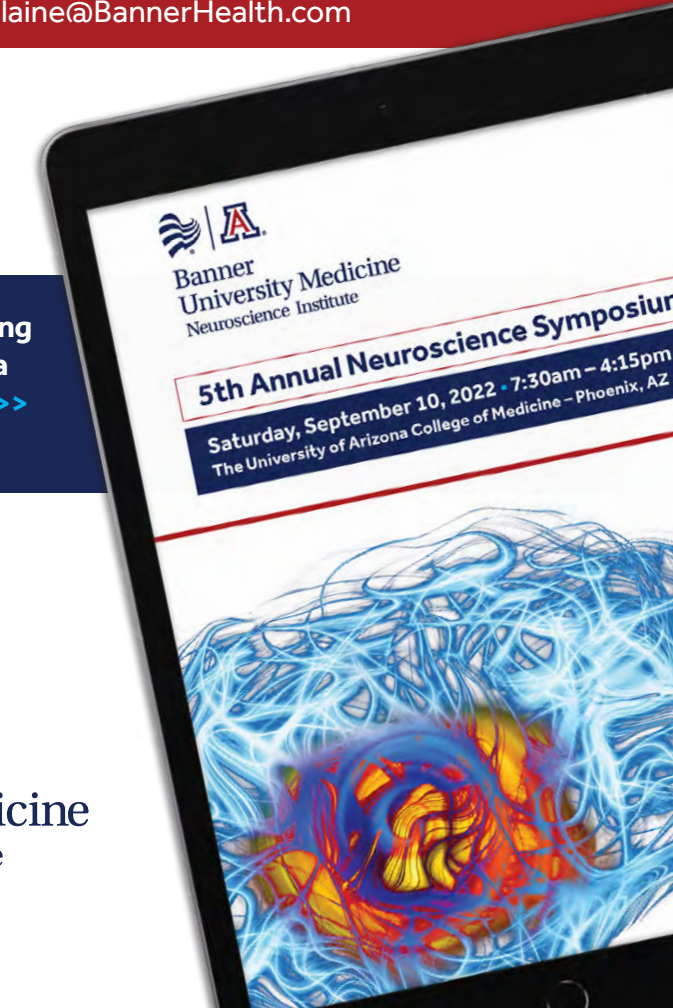
BannerHealth.com/230CARE
602.230.CARE (2273) within Arizona
800.230.CARE (2273) outside of Arizona

For questions or to request special accommodations while attending this symposium, please contact **Tiffany Blaine:**
480.236.1685 or Tiffany.Blaine@BannerHealth.com

Join us for the raffle drawing at the end of the day for a chance to win an iPad! >>> Must be present to win!



Banner University Medicine
Neuroscience Institute



PROGRAM CHAIR

Steve Chung, MD: Chairman, Banner – University Medical Center Phoenix, Department of Neurology; Professor, University of Arizona College of Medicine – Phoenix, Department of Neurology

GUEST FACULTY

Holly Shill, MD: Director, Lonnie and Muhammad Ali Movement Disorder Center, Barrow Neurological Institute, Phoenix, AZ; Professor, University of Arizona College of Medicine – Phoenix, Department of Neurology

Joshua Tobin, MD: Neurologist, Banner – University Medical Center Phoenix; Associate Clinical Professor, University of Arizona College of Medicine – Phoenix, Department of Neurology

Courtney Schusse, MD: Program Director, Adult Neurology Residency Program, Barrow Neurological Institute, Phoenix, AZ; Program Director, Headache Medicine Fellowship Program, Barrow Neurological Institute, Phoenix, AZ; Director, Epilepsy Monitoring Program, Barrow Neurological Institute, Phoenix, AZ; Assistant Clinical Professor, University of Arizona College of Medicine – Phoenix, Department of Neurology

Daniel Fayard, MD: Neurologist, Banner – University Medical Center Phoenix; Assistant Clinical Professor, University of Arizona College of Medicine – Phoenix, Department of Neurology

Randa Jarrar, MD: Pediatric Neurologist, Phoenix Children's Hospital, AZ; Associate Clinical Professor, University of Arizona College of Medicine – Phoenix, Department of Neurology

Parichita Choudhury, MD: Cognitive Neurologist, Banner Sun Health Research Institute, Sun City, AZ; Assistant Clinical Professor, University of Arizona College of Medicine – Phoenix

Ganesh Murthy, MD: Neurologist, Banner – University Medical Center Phoenix; Assistant Clinical Professor, University of Arizona College of Medicine – Phoenix, Department of Neurology

Robert Bina, MD: Neurosurgeon, Banner – University Medical Center Phoenix; Assistant Professor, University of Arizona College of Medicine – Phoenix, Department of Neurosurgery

Christina Chrisman, MD: Neurologist, Banner – University Medical Center Phoenix; Assistant Clinical Professor, University of Arizona College of Medicine – Phoenix, Department of Neurology

Nida Laurin, MD: Neurologist, Banner – University Medical Center Phoenix; Assistant Clinical Professor, University of Arizona College of Medicine – Phoenix, Department of Neurology

EDUCATIONAL OBJECTIVES

Neurological disorder is quite common affecting approximately 16-18 million Americans. However, due to its complexity of diagnosis and treatment, misdiagnosis and delay in treatment are not infrequent. Recent advancement in neurological research enhanced the understanding pathophysiology, and increasing number of treatment options allow clinicians to better care of patients with neurological disorders.

The Educational Objectives for this CME activity comprehensively address the needs and identification of practice gaps:

- Generate a differential diagnosis for the patient with headaches and identify appropriate new management options
- Differentiate migraine and sub-types, identify potential etiologies, and create an effective management strategy, including newly approved medications
- Discuss the treatment goals and strategy for severe childhood epilepsy, including Lennox-Gastaut syndrome and Dravet syndrome
- Evaluate patients with epilepsy and develop appropriate treatment strategies for patients with various types of epilepsy and acute repetitive seizures
- Differentiate multiple sclerosis and sub-types, identify potential etiologies, and create an effective management strategy, including newly approved oral medications
- Recognize multiple sclerosis early utilizing the updated diagnostic criteria and create an effective comprehensive management plan
- Discuss the importance of dementia disorder and impact on general health, and explore possible treatment options
- Identify patients with myasthenia gravis and evaluation to identify etiology and to guide treatment, including newly available medications
- Recognize various types of spinal muscular dystrophy and newly available treatment
- Discuss the complexity of tumor treatment and discussion of interesting cases
- Explore minimally invasive technique in neurosurgery in movement disorder and epilepsy

PHYSICIAN & CLINICAL EDUCATION CREDIT

Information on education credit will be posted as it is approved.

DISCLOSURE STATEMENT

This symposium is supported in part by educational grants from industry. Banner Health strives for balance, independence, objectivity and scientific rigor in all sponsored educational programs. Faculty and program planners are required to disclose any financial conflict of interest relevant to their involvement with the symposium.

Disclosure information will be provided in the symposium syllabus. Potential conflicts of interest reported by planners and faculty have been assessed and resolved according to Banner Health policy.



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