



# Lou Ruvo Center for Brain Health



# The Patient Journey

## 1 INITIAL VISIT

Get to know our medical team.



Photo by: Matthew Carbone Photography

### WELCOME

Patients and families are welcomed by our volunteer staff and accompanied to the patient check-in area.



Photo by: Iwan Baan

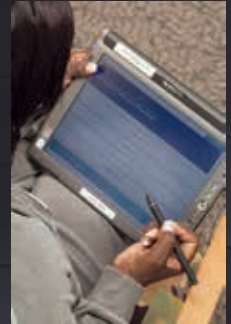


### CHECK-IN

Our Patient Service Specialists notify the provider that the patient has arrived and arrange for an escort upstairs to our clinic.

### ELECTRONIC MEDICAL RECORD

We greet the patient and present an electronic questionnaire. Through MyChart, a secure Web portal, patients and authorized caregivers may access their health records 24/7 via the Internet.



## 2 TESTING & DIAGNOSIS

Our neurologists work together to make a diagnosis, drawing on the skills of complementary fields as needed.



### IMAGING

State-of-the-art imaging, including a 3-Tesla MRI and PET/CT, provides additional diagnostic certainty.

## 3 ONGOING CARE

Our team assesses the full range of patient needs, from physical to psychological. Depending on those individual needs, a patient will be referred to appropriate services.

### INDIVIDUAL & FAMILY SERVICES

A diagnosis of a brain disorder is life-changing for both the patient and the family. No-cost social support services and education help families maximize quality of life in the face of new challenges.



### NEUROREHABILITATION

Our physical, occupational and speech therapy programs are tailored to those experiencing the effects of brain disorders.

## 4 DEVELOPING NEW TREATMENTS: YOU CAN HELP



### CLINICAL TRIALS

Clinical trials are the only way to find a cure or new treatments for current or future generations. We encourage participation not only by patients but also by friends and family, because healthy volunteers with normal memory and thinking ability are the most difficult group for us to find. We have conducted 70 trials since 2009.

Learn more: 855.LOU.RUVO or [clevelandclinic.org/BrainHealthTrials](http://clevelandclinic.org/BrainHealthTrials)





### DOCTOR

A board-certified subspecialty trained neurologist evaluates the patient, providing a thorough examination and ordering additional evaluations as necessary to establish a diagnosis.



### INTRODUCTION TO MEDICAL TEAM

The neurologist introduces the patient to key collaborators on the medical team.

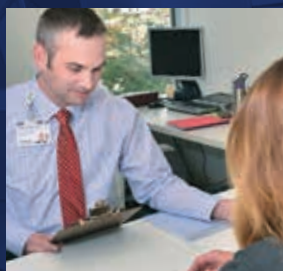
### LYNNE RUFFIN-SMITH LIBRARY

Need information on brain diseases? We have librarians who can help and more than 1,500 books, as well as an e-Library.



### NEUROPSYCHOLOGY

Our neuropsychologists assess thinking and memory, which can aid in diagnosis.



### DOCTOR

The neurologist again meets with the patient, delivering a diagnosis, recommending a treatment plan and facilitating an introduction to the medical team comprising advanced practice providers, nurses and medical assistants.

### PHARMACY

Our licensed pharmacist collaborates with the medical team to consult on medication management and interactions.



### GROUP EXERCISE

Conducted by board-certified physical and occupational therapists, our classes build core strength, flexibility, aerobic fitness and camaraderie among patients.



### PSYCHIATRY

Our board-certified psychiatrist offers subspecialized treatment for those experiencing psychological challenges resulting from one of the degenerative brain diseases treated at our center.



### HEALTHY BRAINS INITIATIVE

Learn about the 6 Pillars of Brain Health, get a free brain health check-up and volunteer to participate in clinical trials. [HealthyBrains.org](http://HealthyBrains.org)



### VOLUNTEERING

Our volunteers demonstrate the power of a smile, a kind word, an attentive ear and the simple act of caring with each of their interactions. Join our team in providing world-class care: [keepmemoryalive.org/volunteer](http://keepmemoryalive.org/volunteer)



### GRATEFUL PATIENT PROGRAM

Did you know Cleveland Clinic Lou Ruvo Center for Brain Health is a non-profit? By making a gift, you can amplify our life-changing efforts to improve patient care and achieve research breakthroughs. [DonateNevada@ccf.org](mailto:DonateNevada@ccf.org) or 702.263.9797.

## Patients First

We specialize in collaborative care and are pleased to provide patients with a second opinion, participation in clinical trials, and access to our no-cost patient and family services.

Cleveland Clinic Lou Ruvo Center for Brain Health provides a complete continuum of world-class care for individuals with Alzheimer's, Huntington's and Parkinson's disease; frontotemporal dementia (FTD); Lewy Body dementia (LBD); multiple system atrophy (MSA); and multiple sclerosis (MS). "Patients first" is our guiding principle. We take a team approach to patient care, with physicians, advanced practice clinicians and nurses working in an integrated fashion.

### Patient services available at the Lou Ruvo Center for Brain Health include:

- Diagnostic evaluation and care
- Memory testing and neuropsychological testing
- Brain imaging
- Pharmacy
- Physical, occupational and speech therapy
- Infusion therapy
- Clinical trials
- Patient and family support services and education
- Referral to other specialty services throughout the Cleveland Clinic health system

## Diagnosis

### IMAGING: WINDOWS ON THE BRAIN

Brain imaging is a key component of the care we provide at Cleveland Clinic Lou Ruvo Center for Brain Health. Our physicians use state-of-the-art imaging technologies (MRI, PET/CT) and expert interpretations to help them diagnose diseases, manage treatment and, increasingly, to understand who is at risk of developing serious brain disorders.



Our PET scan demonstrates the metabolic and molecular function of the body, while the CT scan provides information about the body's anatomy such as size, shape and location. Our PET is available for use in oncology, while for the brain, we have available the recently FDA-approved amyloid imaging agent, Amyvid™, in addition to glucose metabolic scanning (FDG).

Our 3-Tesla MRI remains among the fastest and most powerful MRIs available in Nevada for clinical use. Its shorter, wider opening makes the unit more comfortable for people who are claustrophobic in typical MRI machines.

All images acquired by MRI, CT or PET at the Lou Ruvo Center for Brain Health are interpreted within 24 hours by board-certified, fellowship-trained



subspecialty neuroradiologists from Cleveland Clinic Imaging Institute.

### NEUROPSYCHOLOGY

Our neuropsychologists' highly specialized clinical training focuses on evaluating the relationship between the brain and behavior. Assessing exactly what has gone wrong with memory can be a very useful tool for both patients and their physicians and can have a direct impact on treatment planning.

## Ongoing Care

### NEUROREHABILITATION: PHYSICAL, OCCUPATIONAL, AND SPEECH THERAPY

At the Lou Ruvo Center for Brain Health, our board-certified specialists use cutting-edge technology and customized exercises during one-on-one treatment sessions. Our physical and occupational therapy programs are specifically tailored to the needs of those experiencing the effects of brain disorders. By incorporating patients' interests and hobbies, we work to increase our

patients' mobility and agility while decreasing fatigue and falls. Our goal is to apply research findings, provide expert care to patients and their caregivers, and empower patients to live independently as long as possible.

Speech therapy addresses communication limitations (speech, language, voice and cognition) and swallowing disorders. Our board certified speech therapist works one-on-one with patients, evaluating each individual's specific needs.



## Social Services

### SUPPORTING THE NEEDS OF CARE PARTNERS



Here at Cleveland Clinic Lou Ruvo Center for Brain Health, we hear over and over again, "I was surprised to discover I had become a caregiver."

Many individuals with a brain disorder need help with daily activities and interactions. If you're close to someone in this situation, in some way your own life and responsibilities are also being affected — physically, emotionally, socially or economically. The most effective care partners are well-informed and use help and support from all available resources to ensure they don't sacrifice their own well-being during their caregiving journey.

We're here to help as you strive to find a new sense of balance and as you learn to manage different stressors while maximizing quality of life in the face of the new challenges and opportunities caregiving presents. Unanticipated as it might have been, the good news is that many find joy and fulfillment in continuing to care for their loved ones.

Visit [keepmemoryalive.org/socialservices](http://keepmemoryalive.org/socialservices) to learn about the no-cost caregiver education and support programs offered at the Lou Ruvo Center for Brain Health.



## Clinical Trials & Research

The Lou Ruvo Center for Brain Health's clinical trials program is among the largest in the country for Alzheimer's disease. We have conducted more than 70 trials in Parkinson's disease, MS, Alzheimer's disease, memory decline and normal cognition. Additionally, we offer investigator-led studies, including a study of repeated head trauma in active and retired professional fighters. We offer opportunities to participate in research regardless of where individuals receive neurological care.

### WHAT ARE CLINICAL TRIALS?

- Clinical trials are research studies conducted on people to determine whether treatments are safe and effective.

- There are many types of clinical trials spanning treatment, diagnosis, prevention, screening, observation and quality of life.
- Clinical trials are a required step toward FDA approval of new drugs, and thus are the only way to find new treatments or a cure for brain disease.

### WHY SHOULD I GET INVOLVED?

- To contribute to the effort of finding more effective treatments for neurological disease
- To gain access to potential treatments before they are widely available



### BE A HERO

Your participation in clinical trials could make a difference for your family and your community. More information on clinical trials is available at [855.LOU.RUVO](tel:855.LOU.RUVO) and at [clevelandclinic.org/BrainHealthTrials](http://clevelandclinic.org/BrainHealthTrials).

## OUR PEOPLE

### NEUROLOGY

#### Marwan Noel Sabbagh, MD, FAAN

*Camille and Larry Ruvo Chair for Brain Health  
Director, Cleveland Clinic Lou Ruvo Center for Brain Health*



Dr. Marwan Sabbagh, a board certified geriatric neurologist, has dedicated his career to finding a cure for Alzheimer's. Dr. Sabbagh is a leading investigator for many prominent national Alzheimer's prevention

and treatment trials and has published more than 300 peer-reviewed articles. He earned his medical degree from the University of Arizona in Tucson, and received his residency training in neurology at Baylor College of Medicine and his fellowship in geriatric neurology and dementia at the University of California, San Diego. Dr. Sabbagh was with the Banner Sun Health Research Institute and subsequently Barrow Neurological Institute prior to joining Cleveland Clinic in 2018.

#### Jeffrey Cummings, MD, ScD

*Director, Center for Neurodegeneration and Translational Neuroscience*

*Director Emeritus, Cleveland Clinic Lou Ruvo Center for Brain Health*

*Professor, Cleveland Clinic Lerner College of Medicine*



Ranked the sixth-most prolific Alzheimer's researcher by the *Journal of Alzheimer's Disease*, Dr. Jeffrey Cummings is the author of 43 books and 760 peer-reviewed articles.

He is a respected clinician, a neuroscientist with expertise in clinical trials and drug development, and a forward-thinking strategist concerning how to deliver optimal care to the growing number of patients with neurodegenerative disorders. He has expertise in clinical trial design and analysis, global trial implementation and trial outcome measures, and has been recognized with the Alzheimer's Association Research Award.

#### Carrie M. Hersh, DO, MSc

*Staff Neurologist, Cleveland Clinic Mellen Program for MS at the Lou Ruvo Center for Brain Health, Las Vegas*

*Assistant Director, MS Wellness Program*



Dr. Carrie Hersh completed a neuroimmunology fellowship program at Cleveland Clinic Mellen Center and a master's program in clinical research at Case Western Reserve University. She earned her Bachelor of Science at the University of Florida, graduated with honors from Nova Southeastern University College of Osteopathic Medicine and completed an adult neurology residency program at Cleveland Clinic. Dr. Hersh is particularly interested in outcomes research and is involved in clinical trials.

#### Le Hua, MD

*Director, Cleveland Clinic Mellen Program for MS at the Lou Ruvo Center for Brain Health, Las Vegas*

*Sheila and Eric Samson Chair for Multiple Sclerosis Research*



Dr. Le Hua earned her MD at Keck School of Medicine at the University of Southern California. Subsequently, she completed her internship at Banner Good Samaritan Medical Center in Phoenix and

her neurology residency at Stanford University School of Medicine. She went on to complete a clinical fellowship in euro-immunology and MS at the Barrow Neurological Institute and St. Joseph's Hospital and Medical Center in Phoenix. Dr. Hua is involved in clinical trials assessing new therapies for the treatment of MS and her research interests include using advanced MRI techniques to study MS and neurological disorders, as well as aging and cognition in MS.

#### Zoltan Mari, MD, FAAN

*Director, Parkinson's and Movement Disorder Program*

*Ruvo Family Chair*



Dr. Zoltan Mari graduated first in his medical school class and is a member of the Alpha Omega Alpha Medical Honor Society. After fellowship training (NIH), he was promoted to associate

professor at Johns Hopkins University and directed its Parkinson's Disease & Movement Disorder Center, also establishing a Deep Brain Stimulation Center and a clinical fellowship program. He has published 70 peer-reviewed papers.

#### Jenny Nguyen, MSN, APRN, FNP-C

*Nurse Practitioner, Movement Disorders Team*



Jenny Nguyen is a board-certified family nurse practitioner. She received her Bachelor of Science in nursing from Roseman University of Health Sciences in 2013 and received her Master of Science in nursing — family nurse practitioner from the George Washington University in 2017.

**Odinachi Oguh, MD***Staff Neurologist, Movement Disorders Team*

Dr. Odinachi Oguh is a board certified movement disorder neurologist. She graduated *summa cum laude* from her medical school, finished her neurology residency at the University of Illinois and a

post graduate movement disorder fellowship at Northwestern University. Prior to joining Cleveland Clinic in 2019, she spearheaded the Movement Disorders Program at the University of Florida, focusing on clinical research programs, deep brain stimulation pre-surgical evaluation, Botox management and community outreach. Dr. Oguh's research interests lie in novel drug targets for Parkinson's disease.

**David Oliphant, PA-C***Physician Assistant, Multiple Sclerosis Team*

David Oliphant earned his Bachelor of Science *summa cum laude* from Austin Peay State University in 2007 and received a Master of Science in physician assistant studies from the University

of Kentucky in 2011. Mr. Oliphant moved to Las Vegas from Indianapolis, where he practiced in a hospital-based neurosurgical group.

**Kelly Papesh, DNP***Manager, Advanced Practice Providers**Nurse Practitioner, Movement Disorders Team*

Dr. Kelly Papesh earned her Doctorate in Nursing Practice and is a certified family nurse practitioner who manages patients with Parkinson's disease, tremor, Huntington's disease, and ataxia among

other movement disorders. She has skilled training in management of advanced procedures such as botulinum toxin injections, deep brain stimulation and Duopa. Dr. Papesh is a member of the Movement Disorders Society and American Academy of Neurology.

**Aaron Ritter, MD***Staff Physician, Cognitive Disorders Team**Director, Sports Brain Health Program*

Dr. Aaron Ritter received his Bachelor of Arts at the University of Wisconsin-Madison and obtained his medical degree from the University of Colorado. He completed an internship in pediatrics and residency training

in psychiatry at the University of Arizona in Tucson. His research interests include improving early diagnosis of neurodegenerative diseases such as Alzheimer's disease and chronic traumatic encephalopathy.

**Simrit Kaur Saraon, MSN, APRN, DNP***Nurse Practitioner,**Cognitive Disorders Team*

Simrit Saraon is a board-certified family nurse practitioner. She earned her bachelor's degree in general science, education and nursing. She has been an educator for 11 years and a registered nurse working with patients with Alzheimer's and other dementias for five years. Dr. Saraon completed both her Master of Science and doctorate in nursing at from Duke University.

**Maileen Ulep-Reed, MSN, APRN, FNP-BC***Nurse Practitioner,**Cognitive Disorders Team*

The American Association of Nurse Practitioners awarded Maileen Ulep-Reed with the prestigious NP State Award for Excellence for Nevada in 2018. She graduated *cum laude* with her BS in nursing and a minor in anthropology; MS in nursing, family nurse practitioner; and post-master's certificate in nursing education, all from the University of Nevada Las Vegas, where she is currently pursuing a PhD. Her research seeks to better understand the impact of neurodegenerative disorders on language.

**Dylan Wint, MD***NV Energy Foundation Chair for Brain Health Education**Cognitive Disorders Team*

Dr. Dylan Wint is board certified in both neurology and psychiatry. He was trained at Stanford, University of Miami, University of Florida and the National Institutes of Health.

**NEUROPSYCHOLOGY/PSYCHOLOGY****Jessica Z.K. Caldwell, PhD, ABPP/CN***Director, Neuropsychology Training*

Dr. Jessica Caldwell is a clinical psychologist specializing in neuropsychology. Her graduate training at the University of Wisconsin-Madison focused on behavioral correlates of function and structure of medial

temporal lobe brain regions. She completed an internship at Harvard Medical School and fellowship at Brown University, where she assessed a wide variety of neuropsychological concerns, including neurodegenerative disease, HIV-related cognitive disorders, head injuries, epilepsy and delirium.

**Lucille Carriere, PhD***Staff Health Psychologist**Angie Ruvo Endowed Caregiving Chair*

Dr. Lucille Carriere is a clinical psychologist specializing in health psychology. She completed her graduate training at Auburn University, an internship through Vanderbilt University and the Veterans

Affairs Medical Center in Nashville, TN, and a fellowship at the Cleveland Clinic Mellen Center for Multiple Sclerosis. Prior to joining the Lou Ruvo Center for Brain Health, she worked in geriatric primary care and provided psychotherapy for individuals and caregivers living with neurodegenerative disorders and complex medical conditions. She is interested in outcomes research related to caregivers.

**Justin B. Miller, PhD, ABPP/CN***Director, Neuropsychology*

Dr. Justin Miller is a clinical psychologist with specialization in neuropsychology and rehabilitation. His graduate training at Wayne State University in Detroit focused on recovery of function following

neurological injury. He completed his internship and fellowship at the UCLA Semel Institute for Neuroscience and Human Behavior, where he worked with a complex neurological population including movement disorder, brain tumor, epilepsy and neurodegenerative disease patients.

**Christina G. Wong, PhD***Staff Neuropsychologist*

Dr. Christina Wong earned her doctorate in clinical psychology, with specialization in neuropsychology, at Wayne State University. She completed her internship and fellowship at UCSD/VA San Diego where she

focused on assessment of neurodegenerative disorders including Alzheimer's disease, movement disorders, and vascular dementia in individuals with co-occurring medical and psychiatric conditions. Her research interests include early detection of cognitive disorders.

**NEUROREHABILITATION: PHYSICAL, OCCUPATIONAL AND SPEECH THERAPY****Sondi Facer, PT, DPT, NCS, MSCS***Physical Therapist*

Dr. Sondi Facer received her bachelor's degree in health science with an emphasis in lifetime wellness and health promotion from Brigham Young University-Idaho. She then obtained a doctorate in physical

therapy from the University of Utah. Over the course of her career, Dr. Facer has developed an interest in neurologic pathologies, which in 2016 led her to the Cleveland Clinic and providing care to individuals with neurodegenerative disorders. She is a certified Parkinson's Wellness Recovery (PWR!) therapist.



**Leah Fisher, MA, CCC-SLP, MSCS***Speech-Language Pathologist*

Leah Fisher received her undergraduate degree in speech pathology from the University of Louisiana-Lafayette and a master's degree in communication disorders from Louisiana State

University. Ms. Fisher has worked with a variety of communication, voice, cognitive and swallowing disorders. She is Lee Silverman Voice Therapy (LSVT) Loud certified and a Multiple Sclerosis Certified Specialist (MSCS) for speech pathology.

**Jason Longhurst, PT, DPT, NCS, MSCS, CDP***Physical Therapist*

Dr. Jason Longhurst is a board-certified neurologic clinical specialist. He received his bachelor's degree in exercise science from Brigham Young University and his doctorate in physical therapy

from the University of Nevada, Las Vegas. Dr. Longhurst has completed advanced training in the management of Parkinson's disease, multiple sclerosis, cognitive dysfunctions and vestibular disorders, and is conducting research on neurodegenerative disorders to further the knowledge base of the physical therapy profession.

**Trevor Mahoney, PT, DPT, MSCS, CDP***Physical Therapist*

Dr. Trevor Mahoney received a bachelor's degree in human movement science from Utah State University and a doctorate in physical therapy from the University of Nevada, Las Vegas. He has completed

advanced training in the management of Parkinson's disease, multiple sclerosis, dementia and balance, including certification as a Tai Ji Quan: Moving for Better Balance instructor.

**Madisen Mendez, MOT, OTR/L***Occupational Therapist*

Madisen Mendez received her bachelor's degree in Fitness Management from Purdue University Calumet in Northwest Indiana and a master's degree in occupational therapy from

Governors State University. Ms. Mendez previously worked in a geriatric setting providing care for patients with a variety of diagnoses, however, her passion to specialize in neurodegenerative disorders led her to the Cleveland Clinic.

**Shaina Meyer, OTR/L, MSCS, CDP***Manager, Rehabilitation Services*

Shaina Meyer received her bachelor's degree in psychology with an emphasis in biology from Westminster College in Missouri and a master's degree in occupational

therapy from St. Louis University. While at the Lou Ruvo Center for Brain Health, Ms. Meyer has become a Parkinson's Wellness Recovery (PWR!)-certified therapist, Multiple Sclerosis-Certified Specialist and Certified Dementia Practitioner, and has spoken at the Neurotherapeutics for Rehabilitation course.

**Jennifer Nash, PT, DPT, NCS, CEEAA, MSCS***Physical Therapist*

Dr. Jennifer Nash is board-certified as a neurological clinical specialist. She has received advanced training in Parkinson's disease, vestibular rehabilitation and vestibular function testing.

Prior to moving to Las Vegas, Dr. Nash received her undergraduate degree in exercise physiology at the University of Arizona and her master's degree and doctorate in physical therapy from Northern Arizona University.

**Matthew Plourde, PTA***Physical Therapist Assistant*

Matthew Plourde earned his Associate of Applied Science at the College of Southern Nevada. He has been an active practicing board-certified PTA in the Las Vegas Valley for more

than 20 years, with extensive background in orthopedic physical therapy rehabilitation. Since joining Cleveland Clinic in 2015, Mr. Plourde has continued his studies in neurological disease processes and has become a Parkinson's Wellness Recovery (PWR!)-certified therapist.

**Christy Ross, PT, DPT, GCS, MSCS, CDP***Physical Therapist*

Dr. Christy Ross is a board-certified geriatric clinical specialist in physical therapy. She completed her doctorate in physical therapy at Creighton University and

a postdoctoral geriatric residency program at the University of Delaware. Dr. Ross continued her studies from the University of Michigan in Advanced Clinical Dementia Practice. She has specialized training in Parkinson's disease, is a Multiple Sclerosis Certified Specialist, and is a Certified Dementia Practitioner.

**SOCIAL WORK****Ruth A. Almén, LCSW***Clinical Manager, Social Work Services*

Ruth Almén received her Bachelor of Arts in psychology from Wittenberg University in Ohio and her master's degree in social work from Temple University. She has extensive experience with nonprofit social

service agencies, community collaboration and program development. Ms. Almén co-facilitates support groups, works directly with individuals and families, and collaborates with local agencies.

**Sandy Chapman, LSW***Case Manager*

Sandra Chapman received her bachelor's degree in social work *summa cum laude* from Northern Michigan University. Ms. Chapman worked in family dynamics, case management and regional substance abuse

services in the Upper Peninsula of Michigan; her outreach team has been nationally recognized for successful outcomes.

At the Lou Ruvo Center for Brain Health, Ms. Chapman coordinates the Major José M. Fajardo Patient Services program serving patients diagnosed with multiple sclerosis.

**Michelle Pester, MSW, LSW, ACHP-SW***Case Manager*

Prior to completing her Master of Social Work at the University of Nevada, Las Vegas, Michelle Pester graduated with a Bachelor of Arts in psychology at Hawaii Pacific University. She also has

additional training in Hospice and Palliative Care. Ms. Pester is retired from the Army.

**Alysson Thewes, LCSW***Clinical Social Worker*

Alysson Thewes earned her Bachelor of Social Work (2009) and Master of Social Work (2011) at the University of Nevada, Las Vegas. Certified in equine assisted psycho-

therapy, she obtained her clinical licensure while practicing at an inpatient psychiatric facility in Oregon. Ms. Thewes currently provides counseling to patients and caregivers at the Lou Ruvo Center for Brain Health.

**Becky Wellman, PhD, LPMT, MT-BC***Music Therapist*

Dr. Becky Wellman holds a Bachelor of Arts from Hiram College, a Master of Music from Ohio University, and a PhD from Capella University. She is a Neurologic Music Therapy Fellow and is adjunct instructor

of Human Services specializing in elder studies at Ivy Tech Community College of Indiana.

## Contact Us

Cleveland Clinic Lou Ruvo Center for Brain Health  
888 West Bonneville Avenue, Las Vegas, NV 89106

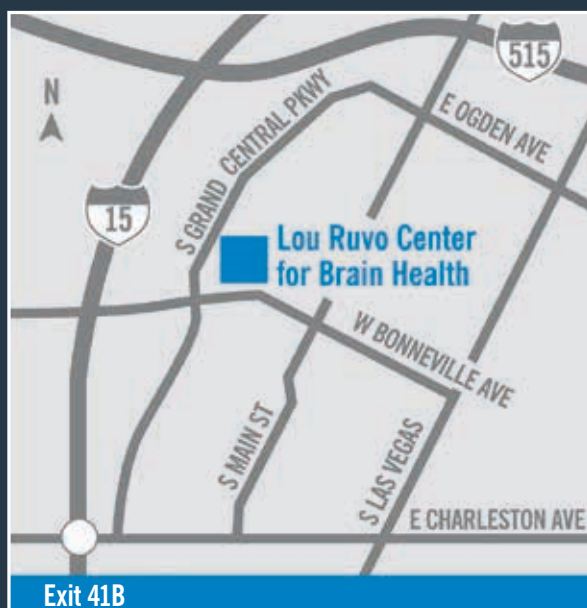
To schedule an appointment, call **702.483.6000**

For information on clinical trials,  
contact **855.LOU.RUVO** or **healthybrains@ccf.org**

A complete list of trials is online  
at **clevelandclinic.org/brainhealthtrials**

To support our work, please contact **702.263.9797**  
or **DonateNevada@ccf.org**

To learn more about our center, visit  
**clevelandclinic.org/Nevada**  
or **keepmemoryalive.org**



## About Us

### Cleveland Clinic

Cleveland Clinic is a nonprofit multispecialty academic medical center that integrates clinical and hospital care with research and education. Located in Cleveland, Ohio, it was founded in 1921 by four renowned physicians with a vision of providing outstanding patient care based upon the principles of cooperation, compassion and innovation. Cleveland Clinic has pioneered many medical breakthroughs, including coronary artery bypass surgery and the first face transplant in the United States. *U.S. News & World Report* consistently names Cleveland Clinic as one of the nation's best hospitals in its annual "America's Best Hospitals" survey. Among Cleveland Clinic's 66,000 employees are more than 4,200 salaried physicians and researchers and 16,600 nurses, representing 140 medical specialties and subspecialties. Cleveland Clinic's health system includes a 165-acre main campus near downtown Cleveland, 11 regional hospitals in northeast Ohio, more than 180 northern Ohio outpatient locations — including 18 full-service family health centers and three health and wellness centers — and locations in southeast Florida; Las Vegas, Nev.; Toronto, Canada; Abu Dhabi, UAE; and London, England. In 2018, there were 7.9 million total outpatient visits, 238,000 hospital admissions and observations, and 220,000 surgical cases throughout Cleveland Clinic's health system. Patients came for treatment from every state and 185 countries. Visit us at [clevelandclinic.org](http://clevelandclinic.org).

### Cleveland Clinic Lou Ruvo Center for Brain Health

Cleveland Clinic Lou Ruvo Center for Brain Health, which opened in 2009, provides expert diagnosis and treatment for individuals and families living with Alzheimer's, Parkinson's and Huntington's diseases; multiple sclerosis; Lewy Body dementia; frontotemporal dementia and related disorders; and multiple system atrophy. The center offers a continuum of care with no-cost opportunities for the community to participate in education and research, including disease prevention studies and clinical trials of promising new medications. An integrated entity, Keep Memory Alive, raises funds exclusively in support of the Lou Ruvo Center for Brain Health in Las Vegas, Nevada. [clevelandclinic.org/Nevada](http://clevelandclinic.org/Nevada).



Every life deserves world class care.



### Keep Memory Alive Event Center

From the mind of world-renowned architect Frank Gehry, the breathtaking Keep Memory Alive Event Center is as iconic as it is unique. The event center is available for rent by the public, and a portion of revenue generated supports the Lou Ruvo Center for Brain Health. [KMAEventCenterLasVegas.com](http://KMAEventCenterLasVegas.com) or 702.263.9797.

### Keep Memory Alive

100% of funds raised by Keep Memory Alive support the Lou Ruvo Center for Brain Health's work in advancing brain science for the benefit of our community. NV Energy supports our education programs. You, too, can help us foster a brain span that matches our lifespan. [keepmemoryalive.org](http://keepmemoryalive.org)

### Join Our Table

Love celebrity chefs and good food? Like to eat well and do good? If you're not already receiving information about Keep Memory Alive's events that are filled with food, fun and feel-good, please contact us and join our mailing list. Learn more about the purpose behind the party. 702.263.9797 or [specialevents@keepmemoryalive.org](mailto:specialevents@keepmemoryalive.org)