

The Neurology Center of Southern California
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David A. Baker, D.O.

EDUCATION

University of California, San Diego Bachelor of Science	08/2009 – 06/2013
Western University of Health Sciences College of Osteopathic Medicine Doctor of Osteopathic Medicine	08/2014 – 05/2018
Cleveland Clinic Foundation. Cleveland, OH Internal Medicine Internship	07/2018 – 06/2019
Cleveland Clinic Foundation. Cleveland, OH Adult Neurology Residency	07/2019 – 06/2022
Cleveland Clinic Foundation. Cleveland, OH Chief Resident, Neurology	07/2021 – 06/2022
Cleveland Clinic Foundation. Cleveland, OH Vascular Neurology Fellowship	07/2022 – 06/2023

LICENSURE & CERTIFICATION

• California Medical License Number – ACTIVE	01/2023 – present
• State Medical Board of Ohio – ACTIVE	04/2022 – present
• Controlled Substance Registration Certificate – ACTIVE	06/2020 – present
• American Board of Psychiatry and Neurology, Neurology	01/2023 – present

TRAINING VERIFICATIONS

• National Institutes of Health Stroke Scale (NIHSS) Certification	11/2022 – present
• Modified Rankin Scale (mRS) Certification	07/2022 – present

PROFESSIONAL EXPERIENCE

North County Neurology Associates Dba The Neurology Center Carlsbad, CA 07/2023 - Present
Neuro-Hospitalist

PROFESSIONAL SOCIETIES

- American Heart Association and American Stroke Association 09/2019 – present
- American Academy of Neurology 07/2018 – present

HOSPITAL AFFILIATIONS

- **Tri-City Medical Center**, Oceanside, California 07/2023 - Present
- **Palomar Medical Center**, Escondido, California 07/2023 - Present
- **Palomar Medical Center**, Poway, California 07/2023 - Present
- **Scripps Memorial Hospital**, Encinitas, California 05/2023 - Present
- **Scripps Mercy Hospital**, Chula Vista, California 07/2023 - Present

HONORS & AWARDS

CCLCM 2020 Resident Educator Award

Awarded 06/16/2020

Recognition for outstanding work teaching and facilitating during core clerkships for third year medical students at CCLCM

Caregiver award

Awarded 02/19/2019

"Excellent teamwork and communication regarding multiple challenging cases during a weekend call shift"

Teaching Excellence Award

Awarded 12/6/2021

Teaching Excellence Award - Awarded for participating in the assessment of concept appraisals in the field of Neurology for CCLCM medical students Faculty sponsor: Alana Majors, PhD

Resident Teacher of the Year

Awarded 06/30/2022

Cleveland Clinic Adult Neurology Residency Program.

TEACHING EXPERIENCE

Neurology Education Chief, Cleveland Clinic Adult Neurology Residency. I created and managed the daily resident didactic curriculum throughout the 2021-2022 academic year.

Resident Educator, Cleveland Clinic Lerner School of Medicine. I taught the Neurology Physical Diagnosis course during the 2019 academic year.

USMLE Content Creator, AMBOSS.com. I contributed USMLE-style questions and topic reviews for AMBOSS, a medical knowledge platform for doctors and students. 08/30/2017 - 06/01/2018.

Teaching Assistant, Western University of Health Sciences MS1 Clinical Medicine course throughout the 2015 academic year

PEER-REVIEWED PUBLICATION

Rim, J., Andrapallyal, N., Baker, D., Mulpur, B., & Li, Y. Diplopia and Extraocular Muscle Enlargement as an Initial Presentation of Breast Cancer. *RRNMF Neuromuscular Journal*. 2021; 2 (1): 29-31.

PRESENTATIONS

National Conferences

Baker D; Hussain MS; Toth G. Risk of Hemorrhagic Transformation Is Related to Severity of Hba1c Elevation in Patients Undergoing Mechanical Thrombectomy. Moderated abstract presentation at International Stroke Conference; Dallas TX. 02/08/2023.

Baker, D; Hussain, M; Toth, G. Comparative Device Analysis for First Pass Stent Retriever Mechanical Thrombectomy. Abstract accepted for presentation at Society for Vascular and Interventional Neurology Annual Meeting; Los Angeles, CA. 11/16/2022.

Baker, D; Jillella, D; Shimoyama, T; Uchino, K. Effect of Early Blood Pressure Reduction on Infarct Size in Patients with Large Vessel Occlusion. Abstract presented at International Stroke Conference 2020; Los Angeles, CA. 02/19/2019.

Chandra. R; Kharal, G.A.; Mahapatra, A; Baker, D; Peterson, T; Toth, G; Hussain, M.S. Stroke Etiology of Large Vessel Occlusion Acute Ischemic Stroke (LVO-AIS) & Thrombectomy Outcomes in Multi-Ethnic Young Adults (Age 18-49). Abstract presented at European Stroke Organization Conference 2022; Lyon, France 05/04/2022.

Baker, D; Khan, A. D2 domain of alpha1- takusan affords synaptic protection against Amyloid Beta oligomers. Poster presented at Neuroscience 2013 - Society for Neuroscience; San Diego, CA, USA. 11/09/2013.

Local Conferences

Thrombolysis for Acute Stroke: Past, Present, and Future. Presented at Cleveland Clinic Neurology Grand Rounds 01/25/2022

Ventricular Thrombus and Ischemic Stroke. Presented at: CCF Cerebrovascular Patient Management Conference. 08/19/2022.

Progressive T-cell mediated CNS vasculitis: case presentation and literature review. Presented at CCF Cerebrovascular Patient Management Conference. 10/10/2019.

BP augmentation in Moya-Moya: case presentation and literature review. Presented at: Cerebrovascular Patient Management Conference. 3/5/2020.

Delayed cerebral ischemia in subarachnoid hemorrhage. Presented at CCF Journal club. 08/05/2020.

Pseudo-Hyperdense MCA Sign in a Stroke Mimic. Presented at CCF Trainee Research Day 2019. 5/16/2019.

Eight-and-a-half Syndrome: case presentation and literature review. Presented at Cleveland Clinic Neurology Localization Rounds 09/15/2021.

Neuro-Ophthalmology Review. Presented at neurology noon didactic session 11/29/2021

NeuroJeopardy, a monthly educational review session at Cleveland Clinic Neurology resident didactics. 07/2021 – 06/2022.

Late-window endovascular therapy in acute stroke: review of clinical trials. Presented at: Kaiser Los Angeles IR Journal Club 05/31/2018.

CLINICAL TRIAL EXPERIENCE

Clinical Co-investigator in the following study:

Neuro-Afib Study. A two-phase retrospective/prospective to collect current data on both ischemic and hemorrhagic stroke patients with non-valvular Atrial Fibrillation. Sponsor: Massachusetts General Hospital

Site Sub-investigator in the following studies:

MASTERS-2: A Phase 3 study to examine the safety and effectiveness of the allogeneic, adult stem cell investigational product, MultiStem, in adults who have suffered an acute ischemic stroke in the previous 18-36 hours. Sponsor: Athersys, Inc.

ENDOLOW: A Combined Phase 2/3 Trial of Endovascular Therapy for Low NIHSS Ischemic Stroke. Sponsor: Emory University.

TIMELESS: A Phase 3 study to evaluate the efficacy and safety of Tenecteplase in Stroke Patients Between 4.5 and 24 Hours. Sponsor: Genentech, Inc.

ARCADIA: A Phase 3 study of apixaban versus aspirin in patients who have evidence of atrial cardiopathy and a recent stroke of unknown cause. Sponsor: Columbia University.

Sleep SMART: A prospective study of OSA Treatment for Stroke Management and Recovery. Sponsor: University of Michigan.

SELECT2: A Phase 3 Controlled Trial to Optimize Patient's Selection for Endovascular Treatment in Acute Ischemic Stroke. Sponsor: University Hospitals Cleveland Medical Center.

ASPIRE: A Phase 3 study of Anticoagulation in ICH Survivors for Stroke Prevention and Recovery. Sponsor: Yale University.

M19-148: A Phase 2 Safety and Efficacy Study of Intravenous (IV) Elezanumab Assessing Change in Neurologic Function in Adult Participants with Acute Ischemic Stroke. Sponsor: AbbVie.

Other Research Experience

Research Associate, Sanford Burnham Medical Research Institute. La Jolla, CA. Neurosciences lab of Dr. Stuart Lipton, Dr. Shichun Tu. Sanford Burnham Medical Research Institute. La Jolla, CA. I carried out wet lab experiments to study synaptic protein interactions in Alzheimer's disease using fluorescent protein labeling. 09/01/2012 - 06/29/2013.