

THE EMERGENCY BRAIN INJURY PHYSICIAN

Dr. David Paul Brown, MD

From impact to recovery — an emergency medicine perspective on head trauma.

Board-certified Emergency Medicine physician and Medical Director at Neuron Connect, with 35 years diagnosing head trauma and a focus on concussion, acute trauma, causation, and medically necessary recovery pathways.

Board-certified Emergency Medicine

35 years head trauma

Medical Director



Medical Director · Emergency Medicine ·
35 years head trauma

IMPACT-TO-RECOVERY TIMELINE

Dr. Brown's profile is organized the way injury often unfolds: impact, acute assessment, mechanism and medical necessity, then recovery planning with a multidisciplinary team.

1

IMPACT

The moment of injury

Motor vehicle collisions, sports hits, falls, and other events can disrupt brain function even when conventional imaging later appears normal.

2

ACUTE CARE

Emergency assessment

Board-certified Emergency Medicine training emphasizes rapid evaluation of head trauma — identifying red flags, stabilizing patients, and documenting the acute clinical picture.

3

MECHANISM

Causation & mechanism

Understanding how the injury occurred — forces, timing, and clinical course — helps frame medical necessity and the path from acute event to ongoing symptoms.

4

RECOVERY

Rehabilitation planning

When symptoms persist, objective functional assessment (including qEEG when appropriate) and multidisciplinary care may support individualized recovery goals.

Trained where head trauma is first recognized.

Trained at the University of Oklahoma and board certified in Emergency Medicine, Dr. Brown has spent 35 years evaluating patients in the critical window after injury. That frontline experience shapes how Neuron Connect approaches concussion and traumatic brain injury recovery — with respect for acute medicine and the longer arc of rehabilitation.

35 years diagnosing head trauma

Decades in emergency settings inform evaluation of concussion, acute trauma, and the continuum from ER to outpatient recovery.

Causation-aware documentation

Clear clinical narratives about mechanism, timeline, and medical necessity help referring providers and case teams.

Neurological rehabilitation interest

Beyond acute stabilization, a sustained interest in recovery pathways and neurological rehabilitation modalities.

Personal experience with neurofeedback

Dr. Brown uses neurofeedback personally, informing a practical appreciation for non-invasive brain training.

CAUSATION & MEDICAL NECESSITY

Connecting the injury story to the care plan.

In personal-injury and post-concussion contexts, clinicians and case teams often need a clear line from mechanism of injury to presenting symptoms and recommended care. Dr. Brown's emergency-medicine background supports that narrative without overstating what any single test can prove. qEEG and related assessments may provide objective functional information that complements clinical examination; they do not alone establish legal causation or guarantee case outcomes.

MULTIDISCIPLINARY ROLE

Medical Director at Neuron Connect

As Medical Director, Dr. Brown helps align acute trauma insight with qEEG brain mapping, neurofeedback, and the broader clinical team — including specialists in neuropsychiatry, neurology, and rehabilitation-focused care. His goal is practical: help patients who leave the emergency department still struggling find a structured, evidence-informed path toward better brain function and quality of life.

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