24+ hrs Continuous EEG Monitoring

ZETO zeto-inc.com

Zeto ONE for ED & ICU

Faster Answers
Optimized Workflow
Simplified Process

Patients in EDs and ICUs frequently experience seizures - often subclinical and undetectable without EEG. Zeto ONE is a **full-montage headset** with **gel-free electrodes** and a **portable recording device** that enables reliable bedside seizure detection*, supported by video, live remote monitoring, and interpretation services.

* enabled by encevis powered by AIT

FDA CLEARED

Scan to watch quick setup video

Clinical **Challenge**

Non-convulsive seizures and status epilepticus often go undetected in critically ill patients.

Drawbacks of Traditional EEG

- ⊗ Require an EEG tech and neuro support
- ⊗ Are invasive, cumbersome to deploy, and disruptive in the acute care setting
- ⊗ Are rarely available in real time

- ⊗ **Result:** Delays in EEG mean delays in treatment, increased risk of poor outcomes, and higher costs to the health system

The Value of **Zeto ONE**

Clinical **Advantage**

- ✓ **Setup in ~5 minutes,** no messy gels or wires
- ✓ **Bedside seizure burden notifications,** AI-enabled NCSE and seizure burden detection*
- ✓ **Seamless workflow improves efficiency** without extra staffing
- ✓ **Cloud-based platform** for quick, secure data access
- ✓ **Clinically validated accuracy** for seizure detection[1]

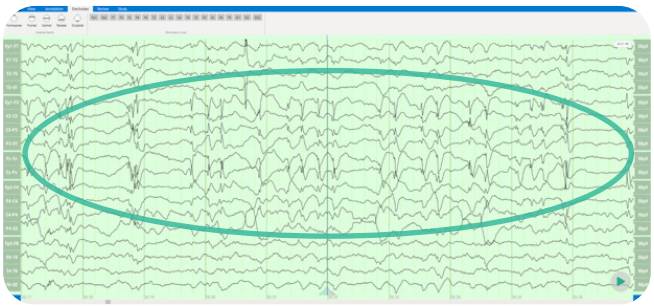
** NeuroPulse™ AI enabled by encevis*

[1] Z. Nadasdy, A.S. Fogarty, R.S. Fisher, C.T. Primiani, K. Graber, (2024). AES2024 Annual Meeting Poster

Clinical **Impact**

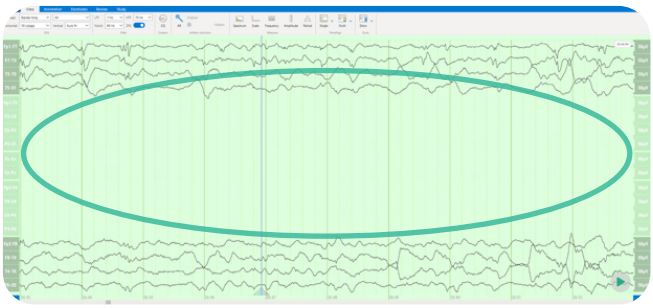
- ✓ **Accelerates Diagnosis and Intervention** Enables earlier detection of seizures and status epilepticus* in the ED and ICU - supporting faster treatment decisions
- ✓ **Improves Workflow and Access to Care** Allows frontline clinicians to initiate studies in minutes, helping teams deliver high-quality care without delay and easing bottlenecks in patient flow
- ✓ **Delivers Measurable Value to the Hospital** Reduces unnecessary ICU admissions, transfers, and length of stay by providing immediate diagnostic certainty - lowering overall costs while supporting compliance and quality metrics

Zeto ONE Rapid **FULL Montage** EEG



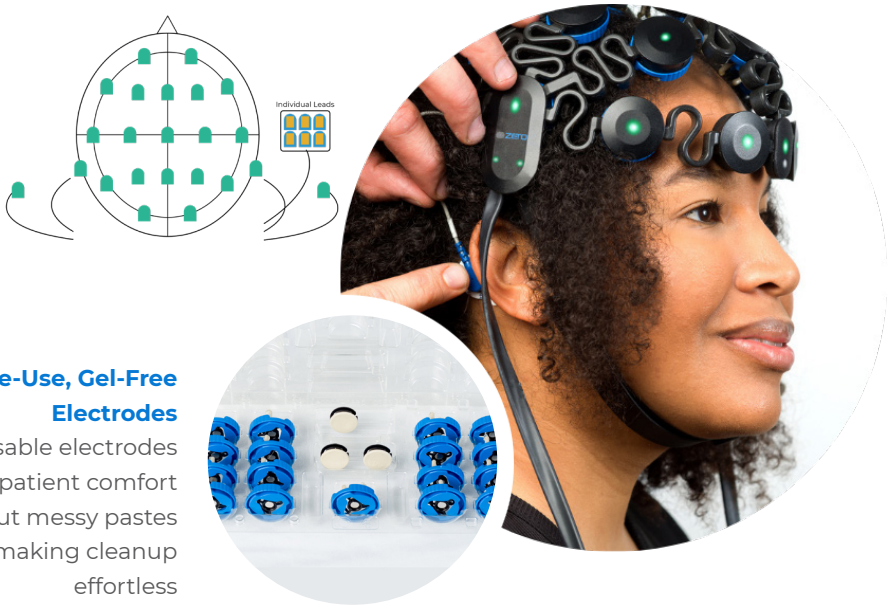
Patient monitored with Zeto ONE: ~6h of seizures

Partial EEG (headband)



Same patient: EEG modified to represent a circumferential headband **no representation of midlines**

Zeto ONE Complete EEG Solution



Zeto ONE Full EEG Headset
Reusable, flexible EEG headset with 21 electrodes placed as per the 10-20 EEG system. Easy to use by any trained healthcare professional

Single-Use, Gel-Free Electrodes
Soft, disposable electrodes ensure patient comfort without messy pastes or gels, making cleanup effortless

NeuroPulse™ AI - FDA-Cleared Seizure Burden Tracking
An advanced AI-powered seizure detection software automatically identifies electrographic status epilepticus (ESE) and calculates seizure burden in real-time EEG monitoring

Cloud-based EEG Platform with Storage
Full EEG review functionality available from anywhere, with data and cybersecurity management compliant with hospital standards

Portable, Pocket-Sized Display Unit
Comparable in size to a smartphone, wireless and lightweight, it can be easily placed at the hospital bedside. Delivers clinical-quality EEG data with video, seizure burden tracking, and real-time notifications

+ **Report Writing**

+ **Remote EEG Reading (Optional)**

+ **Extension unit for 8 auxiliary channels (Optional)**

Technical Specifications

Ideal for	Critical care and emergency settings
Setup Time	~ 5 min
Full Montage, 19 channels	Yes
Headset Sizes	Small: 45-66 cm Regular: 55-65 cm
Required Staff Training	< 0.5 hr
Continuous Recording	24+ hrs
Fully Supine Recordings	Yes
Record in Ambulances	Yes
Handheld w/ Video	Yes
Offline Recordings	Yes
AI Seizure Detection at No Additional Cost	Yes
Weight	<350g
Height	< 1 inch
ECG	Yes

Contact Us

Fill in the webform on our website:
zeto-inc.com/contact

Call us: **(833) 938-6334**
Send us email to **sales@zetoinc.com**

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> Since launching the program with Zeto in December 2024, Huntsville Memorial Hospital has admitted at least 40 patients that would have previously required transfers. Before, even the suspicion that EEG might be needed meant transferring the patient."

Joe Schorre, Director of Cardiopulmonary and Emergency Management
Huntsville Memorial Hospital

> Many hospitals in the world have no ability to obtain EEGs. Zeto ONE will make it possible for them to do so. For hospitals and offices with EEG capabilities, Zeto ONE will make obtaining the EEG more efficient for the medical personnel and more comfortable for the patients."

Robert S. Fisher, M.D., Ph.D.
Stanford Epilepsy Centere

> Zeto ONE is a breakthrough in emergency EEG acquisition, offering a streamlined point-of-care application with full 10-20 electrodes, video, and AI tools, efficiently connecting to interpreting neurologists."

Susan Herman, M.D.
Barrow Neurological Institute

> Zeto ONE significantly enhances our pediatric care by providing rapid and comprehensive EEG in critical settings like EDs and ICUs, ensuring timely and effective interventions for critically ill children."

Christina Patterson, M.D.
UPMC Children's Hospital of Pittsburgh