### THE TBI NAVIGATOR™

The TBI Navigator App provides clinical decision support to aid in the assessment and management of patients with acute brain injury in prehospital and hospital settings.

## **Environments of Use**

- Roles of Care 1-4
- Wilderness medicine
- Disaster medicine
- Remote activities and sports

## In Collaboration With

- Ragged Edge Solutions
- University of Pennsylvania
- Joint Trauma System
- TBI Center of Excellence

## Funding

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## ABOUT US

Moberg Analytics is a growing company whose members bring together decades of experience in multimodal neuromonitoring, cloud technology, artificial intelligence, and human factors engineering to provide better care for acute brain-injured patients.

We develop solutions specifically designed to integrate disparate data streams in multimodal neuromonitoring, including high-resolution neurophysiology, medications, analytics, clinical context, imaging, and more. By aggregating all of this complex data, we provide the infrastructure necessary to extract guidance for precision management and care.

#### CONTACT US

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#### IS THE FUTURE OF **NEUROMONITORING**

# INTRODUCING THE TBI NAVIGATOR<sup>TM</sup>

Your support tool for assessing and managing acute brain injury in prehospital and hospital settings.



9:30 = TBI Patients	
JD Doe, John JD2345 : TBI Status Mild Chart	
PL Lipman, Paul PL3487 : TBI Status OK Chart	
JD Dawson, Jack JD9836 : I Status Moderate Chart	
+ Assess	
See more	

## **TRACK & RECORD**

- Utilize GCS, AVPU, and Tactical MACE (T-MACE) for effective patient evaluationsInput vital signs and patient notes manually or via voice.
- Monitor multiple patients simultaneously.
- Create records of assessments and vital signs.
- Save important contacts like local emergency rooms and battalion chiefs.

9:30 E	Chart	<b>1</b>
	John JD2345 TBI St	atus Mild
Time of encount	<b>D</b> 1-11-1	1:00 PM delphia, PA
Objective           04/23/03         GC           05/23/03         AV           06/23/03         Te           04/23/03         Fe           04/23/03         Si           05/23/03         BI           07/23/03         EI           04/23/03         R	PU V mp 99.0 ise 811 002 85 0 105 CO2 55 0 105 0 25 0 200 0 105 0 200 0 105 0 200 0 200	9M/5E/5V) 5 °F 9pm % 5 <b>5/40</b> mmHg
	Expand	
Assessmen Mild TBI	t ① Export	+ Assess

## ASSESS

Utilize GCS, AVPU, and Tactical MACE (T-MACE) for effective patient evaluations.

## **EXPORT & SHARE**

- Generate charts in SOAP note format.
- Export and share data through mobile apps like WhatsApp or Signal.

≡	PDF Preview
Patient ID #230542	Page 1 of 2 TBI Status <b>Mild</b>
Time of encounter	er July 4th, 2024 1:00 PM unter Philadelphia, PA
Subjective 25 yo Male	O Positive 🕞 Negative
T-MACE Potentially Concu	07/04/2024 01:00 PM
	r collision involvement inconsciousness tiple blasts
Red Flags Deteriorating cor Combative or agi Seizure activity pr Multiple vomiting	itated behavior resence
<ul> <li>Vision loss or dou</li> <li>Other concerning</li> <li>Back</li> </ul>	ble vision

## RECOMMENDATIONS

Receive action suggestions based on clinical protocols.