

# Europe Traumatic Brain Injury Diagnostics Equipment Market Forecast to 2030 - Regional Analysis - by Techniques (Non-Invasive, Invasive, and Combination Techniques), Device (Imaging devices and Monitoring Devices), and End User (Hospitals and Clinics, Diagnostic Centers, and Others)

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# **Abstracts**

The Europe traumatic brain injury diagnostics equipment market was valued at US\$ 1,204.03 million in 2022 and is expected to reach US\$ 2,976.48 million by 2030; it is estimated to register a CAGR of 12.0% from 2022 to 2030.

Quick and Effective Diagnosis for TBI Patients Drive Europe Traumatic Brain Injury Diagnostics Equipment Market

The main hurdle for the recovery of TBI is that it is often left undiagnosed or misdiagnosed. In the past, concussions and TBIs were diagnosed through diagnostic equipment such as computed tomography (CT) scans and other neurological examinations. However, the use of CT can increase the risk of cancer due to radiation exposure. Therefore, a prompt and accurate brain injury diagnosis is of utmost importance to address mild to severe brain injuries. In October 2023, the Biomedical Advanced Research and Development Authority (BARDA) announced a collaboration with GE Healthcare to develop a novel artificial intelligence (AI)-augmented ultrasound technology in order to promote rapid diagnosis of traumatic injuries. Also, BARDA will support GE Healthcare in the development of a portable ultrasound system to enhance disaster preparedness with fast response for trauma care during mass casualty incidents.



# Europe Traumatic Brain Injury Diagnostics Equipment Market Overview

Europe holds second largest share for traumatic brain injury diagnostic equipment market. Rising incidences of traumatic brain injuries in EU accelerates demand for innovative diagnostics product to detect injuries is an influential factor responsible for market growth. Among EU, Germany holds largest market share for traumatic brain injury diagnostic equipment market. This is due to presence of top medical device manufacturers in the country and development of innovative products and launching in the global market dominates the market growth for the forecast period. The accelerated demand for advanced diagnostic equipment requires quick and effective diagnosis for TBI patients are the key driving factors behind the market development. However, adverse effects of contrast/medium agent is hampering the market growth.

Europe Traumatic Brain Injury Diagnostics Equipment Market Revenue and Forecast to 2030 (US\$ Million)

Europe Traumatic Brain Injury Diagnostics Equipment Market Segmentation

The Europe traumatic brain injury diagnostics equipment market is categorized into techniques, device, end user, and country.

Based on techniques, the Europe traumatic brain injury diagnostics equipment market is segmented into non-invasive, invasive, and combination techniques. The invasive segment held the largest Europe traumatic brain injury diagnostics equipment market share in 2022. Furthermore, the non-invasive segment is subcategorized into electroencephalography (EEG), brain—computer interface (BCI), eye tracking and near-infrared spectroscopy (NIRS), magnetic resonance imaging (MRI), magnetoencephalography (MEG), transcranial magnetic stimulation (TMS), cerebral metabolic rate of oxygen (CMRO2), intracranial pressure, and others .Additionally, invasive segment is subsegmented into cerebral perfusion pressure (CPP) and pressure reactivity index (PRx), partial brain tissue oxygen pressure (PbtO2), cerebral microdialysis (CMD), intracranial pressure, and others.

In terms of device, the Europe traumatic brain injury diagnostics equipment market is bifurcated into imaging devices and monitoring devices. The imaging devices segment held a larger Europe traumatic brain injury diagnostics equipment market share in 2022.

By end user, the Europe traumatic brain injury diagnostics equipment market is divided into hospitals and clinics, diagnostic centers, and others. The hospitals and clinics



segment held the largest Europe traumatic brain injury diagnostics equipment market share in 2022.

By country, the Europe traumatic brain injury diagnostics equipment market is segmented into Germany, the UK, France, Italy, Spain, and the Rest of Europe. Germany dominated the Europe traumatic brain injury diagnostics equipment market share in 2022.

GE HealthCare Technologies Inc, Elekta AB, Integra LifeSciences Holdings Corp, Natus Medical Inc, Raumedic AG, Luciole Medical AG, Soterix Medical Inc, Medtronic Plc, Compumedics Ltd, and NeuraSignal Inc are some of the leading companies operating in the Europe traumatic brain injury diagnostics equipment market.

# Reason to buy

Save and reduce time carrying out entry-level research by identifying the growth, size, leading players, and segments in the Europe traumatic brain injury diagnostics equipment market.

Highlights key business priorities in order to assist companies to realign their business strategies.

The key findings and recommendations highlight crucial progressive industry trends in the Europe traumatic brain injury diagnostics equipment market, thereby allowing players across the value chain to develop effective long-term strategies.

Develop/modify business expansion plans by using substantial growth offering developed and emerging markets.

Scrutinize in-depth Europe market trends and outlook coupled with the factors driving the Europe traumatic brain injury diagnostics equipment market, as well as those hindering it.

Enhance the decision-making process by understanding the strategies that underpin commercial interest with respect to client products, segmentation, pricing, and distribution.



The List of Companies - Europe Traumatic Brain Injury Diagnostics Equipment Market

GE HealthCare Technologies Inc

Elekta AB

Integra LifeSciences Holdings Corp

Natus Medical Inc

Raumedic AG

Luciole Medical AG

Soterix Medical Inc

Medtronic Plc

Compumedics Ltd

NeuraSignal Inc



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