

Middle East & Africa 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 Middle East & Africa traumatic brain injury diagnostics equipment market was valued at US\$ 82.73 million in 2022 and is expected to reach US\$ 149.57 million by 2030; it is estimated to register a CAGR of 7.7% from 2022 to 2030.

Emergence of Portable Non-invasive Monitoring Devices to Diagnose TBI Patients Bolsters Middle East & Africa Traumatic Brain Injury Diagnostics Equipment Market

New noninvasive methods for monitoring tissue metabolism can help improve the diagnosis and monitoring of brain conditions such as concussions, stroke, and TBI, owing to which patients can recover more quickly. The consequences of TBI resulted in increasing healthcare burden costs, accounting for US\$ 76.5 billion annually, as per the BrainScope company white paper. The installation of "BrainScope One" in less expensive care settings—e.g., emergency department and community settings (including urgent care centers)—may result in a significant reduction of healthcare costs by up to 32.2%, as per the findings revealed in the white paper. BrainScope One aids in eliminating unnecessary CT scans, thereby reducing healthcare costs for TBI.

Middle East & Africa Traumatic Brain Injury Diagnostics Equipment Market Overview

The accelerated demand for advanced diagnostic equipment and 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. The Middle East and Africa traumatic brain injury diagnostic equipment market covers key countries such as Saudi Arabia, South Africa, the UAE, and the Rest of Middle East & Africa region. The Rest of Middle East & Africa holds largest market share for traumatic brain injury diagnostic equipment market for the forecast period. As per the Hamad Bin Khalifa University Press report, TBI was higher among younger adults (34%) and middle-age groups (21%) in Qatar. The most frequent injuries in Qatar account for brain contusion (40%), followed by subarachnoid (25%), subdural (24%), and epidural hemorrhage (18%). The mortality rate in Qatar accounts for 11% of TBI patients. Therefore, innovative product development will accelerate the demand for brain diagnostics, providing new revenue avenues for the manufacturers, which would ultimately drive the market growth during 2022–2030.

Middle East & Africa Traumatic Brain Injury Diagnostics Equipment Market Revenue and Forecast to 2030 (US\$ Million)

Middle East & Africa Traumatic Brain Injury Diagnostics Equipment Market Segmentation

The Middle East & Africa traumatic brain injury diagnostics equipment market is categorized into techniques, device, end user, and country.

Based on techniques, the Middle East & Africa traumatic brain injury diagnostics equipment market is segmented into non-invasive, invasive, and combination techniques. The invasive segment held the largest Middle East & Africa 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 Middle East & Africa traumatic brain injury diagnostics equipment market is bifurcated into imaging devices and monitoring devices. The imaging devices segment held a larger Middle East & Africa traumatic brain injury diagnostics equipment

market share in 2022.

By end user, the Middle East & Africa traumatic brain injury diagnostics equipment market is divided into hospitals and clinics, diagnostic centers, and others. The hospitals and clinics segment held the largest Middle East & Africa traumatic brain injury diagnostics equipment market share in 2022.

By country, the Middle East & Africa traumatic brain injury diagnostics equipment market is segmented into Saudi Arabia, the UAE, South Africa, and the Rest of Middle East & Africa. The Rest of Middle East & Africa dominated the Middle East & Africa traumatic brain injury diagnostics equipment market share in 2022.

GE HealthCare Technologies Inc, Elekta AB, Integra LifeSciences Holdings Corp, Raumedic AG, Soterix Medical Inc, Medtronic Plc, and Compumedics Ltd are some of the leading companies operating in the Middle East & Africa 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 Middle East & Africa 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 Middle East & Africa 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 Middle East & Africa market trends and outlook coupled with the factors driving the Middle East & Africa 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 - Middle East & Africa Traumatic Brain Injury Diagnostics Equipment Market

GE HealthCare Technologies Inc

Elekta AB

Integra LifeSciences Holdings Corp

Raumedic AG

Soterix Medical Inc

Medtronic Plc

Compumedics Ltd

Contents

1. INTRODUCTION

- 1.1 The Insight Partners Research Report Guidance
- 1.2 Market Segmentation

2. EXECUTIVE SUMMARY

- 2.1 Key Insights

3. RESEARCH METHODOLOGY

- 3.1 Coverage
- 3.2 Secondary Research
- 3.3 Primary Research

4. MIDDLE EAST & AFRICA TRAUMATIC BRAIN INJURY DIAGNOSTICS EQUIPMENT MARKET – KEY MARKET DYNAMICS

- 4.1 Market Drivers
 - 4.1.1 Accelerated Demand for Advanced Diagnostic Equipment
 - 4.1.2 Quick and Effective Diagnosis for TBI Patients
- 4.2 Market Restraints
 - 4.2.1 Adverse Effects of Contrast Medium/Agent
- 4.3 Market Opportunities
 - 4.3.1 Growing Use of MRI over CT to Limit Inpatient Mortality and Marginally Reduce Diagnostic Cost
- 4.4 Future Trends
 - 4.4.1 Emergence of Portable Non-invasive Monitoring Devices to Diagnose TBI Patients
- 4.5 Impact of Drivers and Restraints:

5. TRAUMATIC BRAIN INJURY DIAGNOSTICS EQUIPMENT MARKET – MIDDLE EAST & AFRICA MARKET ANALYSIS

- 5.1.1 Overview
- 5.2 Middle East & Africa Traumatic Brain Injury Diagnostics Equipment Market Revenue (US\$ Million), 2022–2030

5.3 Number of Hospitalized TBI Patients

5.4 Pricing Analysis

6. MIDDLE EAST & AFRICA TRAUMATIC BRAIN INJURY DIAGNOSTICS EQUIPMENT MARKET ANALYSIS – BY TECHNIQUES

6.1 Overview

6.2 Non-Invasive

6.2.1 Overview

6.2.2 Non-Invasive: Traumatic Brain Injury Diagnostics Equipment Market – Revenue and Forecast to 2030 (US\$ Million)

6.2.3 Electroencephalography (EEG)

6.2.3.1 Electroencephalography (EEG): Traumatic Brain Injury Diagnostics Equipment Market – Revenue and Forecast to 2030 (US\$ Million)

6.2.4 Brain–computer interface (BCI)

6.2.4.1 Brain–computer interface (BCI): Traumatic Brain Injury Diagnostics Equipment Market – Revenue and Forecast to 2030 (US\$ Million)

6.2.5 Eye tracking and near-infrared spectroscopy (NIRS)

6.2.5.1 Eye tracking and near-infrared spectroscopy (NIRS): Traumatic Brain Injury Diagnostics Equipment Market – Revenue and Forecast to 2030 (US\$ Million)

6.2.6 Magnetic resonance imaging (MRI)

6.2.6.1 Magnetic resonance imaging (MRI): Traumatic Brain Injury Diagnostics Equipment Market – Revenue and Forecast to 2030 (US\$ Million)

6.2.7 Magnetoencephalography (MEG)

6.2.7.1 Magnetoencephalography (MEG): Traumatic Brain Injury Diagnostics Equipment Market – Revenue and Forecast to 2030 (US\$ Million)

6.2.8 Transcranial magnetic stimulation (TMS)

6.2.8.1 Transcranial magnetic stimulation (TMS): Traumatic Brain Injury Diagnostics Equipment Market – Revenue and Forecast to 2030 (US\$ Million)

6.2.9 Cerebral metabolic rate of oxygen (CMRO₂)

6.2.9.1 Overview

6.2.9.2 Cerebral metabolic rate of oxygen (CMRO₂): Traumatic Brain Injury Diagnostics Equipment Market – Revenue and Forecast to 2030 (US\$ Million)

6.2.10 Intracranial Pressure

6.2.10.1 Overview

6.2.10.2 Intracranial Pressure: Traumatic Brain Injury Diagnostics Equipment Market – Revenue and Forecast to 2030 (US\$ Million)

6.2.10.3 Transcranial Doppler Ultrasonography (TCD)

6.2.10.3.1 Transcranial Doppler Ultrasonography (TCD): Traumatic Brain Injury

Diagnostics Equipment Market – Revenue and Forecast to 2030 (US\$ Million)

6.2.10.4 Tympanic Membrane Displacement (TMD)

6.2.10.4.1 Tympanic Membrane Displacement (TMD): Traumatic Brain Injury

Diagnostics Equipment Market – Revenue and Forecast to 2030 (US\$ Million)

6.2.10.5 Optic Nerve Sheath Diameter (ONSD)

6.2.10.5.1 Optic Nerve Sheath Diameter (ONSD): Traumatic Brain Injury

Diagnostics Equipment Market – Revenue and Forecast to 2030 (US\$ Million)

6.2.10.6 Magnetic Resonance Imaging (MRI) and Computer Tomography (CT)

6.2.10.6.1 Magnetic Resonance Imaging (MRI) and Computer Tomography (CT):

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

6.2.10.7 Fundoscopy and Papilledema

6.2.10.7.1 Fundoscopy and Papilledema: Traumatic Brain Injury Diagnostics

Equipment Market – Revenue and Forecast to 2030 (US\$ Million)

6.2.11 Others

6.2.11.1 Others: Traumatic Brain Injury Diagnostics Equipment Market – Revenue and Forecast to 2030 (US\$ Million)

6.3 Invasive

6.3.1 Overview

6.3.2 Invasive: Traumatic Brain Injury Diagnostics Equipment Market – Revenue and Forecast to 2030 (US\$ Million)

6.3.3 Cerebral Perfusion Pressure (CPP) and Pressure Reactivity Index (PRx)

6.3.3.1 Cerebral Perfusion Pressure (CPP) and Pressure Reactivity Index (PRx):

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

6.3.4 Partial Brain Tissue Oxygen Pressure (PbtO₂)

6.3.4.1 Partial Brain Tissue Oxygen Pressure (PbtO₂): Traumatic Brain Injury

Diagnostics Equipment Market – Revenue and Forecast to 2030 (US\$ Million)

6.3.5 Cerebral Microdialysis (CMD)

6.3.5.1 Cerebral Microdialysis (CMD): Traumatic Brain Injury Diagnostics Equipment Market – Revenue and Forecast to 2030 (US\$ Million)

6.3.6 Intracranial Pressure

6.3.6.1 Overview

6.3.6.2 Intracranial Pressure: Traumatic Brain Injury Diagnostics Equipment Market – Revenue and Forecast to 2030 (US\$ Million)

6.3.6.3 External Ventricular Drainage (EVD)

6.3.6.3.1 External Ventricular Drainage (EVD): Traumatic Brain Injury Diagnostics Equipment Market – Revenue and Forecast to 2030 (US\$ Million)

6.3.6.4 Microtransducer ICP Monitoring Devices

6.3.6.4.1 Microtransducer ICP Monitoring Devices: Traumatic Brain Injury Diagnostics Equipment Market – Revenue and Forecast to 2030 (US\$ Million)

6.3.7 Others

6.3.7.1 Others: Traumatic Brain Injury Diagnostics Equipment Market – Revenue and Forecast to 2030 (US\$ Million)

6.4 Combination Techniques

6.4.1 Overview

6.4.2 Combination Techniques: Traumatic Brain Injury Diagnostics Equipment Market – Revenue and Forecast to 2030 (US\$ Million)

7. MIDDLE EAST & AFRICA TRAUMATIC BRAIN INJURY DIAGNOSTICS EQUIPMENT MARKET ANALYSIS – BY DEVICE

7.1 Overview

7.2 Imaging devices

7.2.1 Overview

7.2.2 Imaging devices: Traumatic Brain Injury Diagnostics Equipment Market – Revenue and Forecast to 2030 (US\$ Million)

7.3 Monitoring Devices

7.3.1 Overview

7.3.2 Monitoring Devices: Traumatic Brain Injury Diagnostics Equipment Market – Revenue and Forecast to 2030 (US\$ Million)

8. MIDDLE EAST & AFRICA TRAUMATIC BRAIN INJURY DIAGNOSTICS EQUIPMENT MARKET ANALYSIS – BY END USER

8.1 Overview

8.2 Hospitals and Clinics

8.2.1 Overview

8.2.2 Hospitals and Clinics: Traumatic Brain Injury Diagnostics Equipment Market – Revenue and Forecast to 2030 (US\$ Million)

8.3 Diagnostic Centers

8.3.1 Overview

8.3.2 Diagnostic Centers: Traumatic Brain Injury Diagnostics Equipment Market – Revenue and Forecast to 2030 (US\$ Million)

8.4 Others

8.4.1 Overview

8.4.2 Others: Traumatic Brain Injury Diagnostics Equipment Market – Revenue and Forecast to 2030 (US\$ Million)

9. MIDDLE EAST & AFRICA TRAUMATIC BRAIN INJURY DIAGNOSTICS EQUIPMENT MARKET – COUNTRY ANALYSIS

9.1 Middle East and Africa

9.1.1 Middle East and Africa: Traumatic Brain Injury Diagnostics Equipment Market Breakdown, by Key Countries, 2022 and 2030 (%)

9.1.1.1 Saudi Arabia: Traumatic Brain Injury Diagnostics Equipment Market – Revenue and Forecast to 2030 (US\$ Million)

9.1.1.1.1 Overview

9.1.1.2 Saudi Arabia: Traumatic Brain Injury Diagnostics Equipment Market – Revenue and Forecast to 2030 (US\$ Million)

9.1.1.2.1 Saudi Arabia: Traumatic Brain Injury Diagnostics Equipment Market Breakdown, by Techniques

9.1.1.2.2 Saudi Arabia: Traumatic Brain Injury Diagnostics Equipment Market Breakdown, by Non-invasive

9.1.1.2.2.1 Saudi Arabia: Traumatic Brain Injury Diagnostics Equipment Market Breakdown, by Non-invasive ICP

9.1.1.2.3 Saudi Arabia: Traumatic Brain Injury Diagnostics Equipment Market Breakdown, by Invasive

9.1.1.2.3.1 Saudi Arabia: Traumatic Brain Injury Diagnostics Equipment Market Breakdown, by Invasive ICP

9.1.1.2.4 Saudi Arabia: Traumatic Brain Injury Diagnostics Equipment Market Breakdown, by Device

9.1.1.2.5 Saudi Arabia: Traumatic Brain Injury Diagnostics Equipment Market Breakdown, by End User

9.1.1.3 South Africa: Traumatic Brain Injury Diagnostics Equipment Market – Revenue and Forecast to 2030 (US\$ Million)

9.1.1.3.1 Overview

9.1.1.4 South Africa: Traumatic Brain Injury Diagnostics Equipment Market – Revenue and Forecast to 2030 (US\$ Million)

9.1.1.4.1 South Africa: Traumatic Brain Injury Diagnostics Equipment Market Breakdown, by Techniques

9.1.1.4.2 South Africa: Traumatic Brain Injury Diagnostics Equipment Market Breakdown, by Non-invasive

9.1.1.4.2.1 South Africa: Traumatic Brain Injury Diagnostics Equipment Market Breakdown, by Non-invasive ICP

9.1.1.4.3 South Africa: Traumatic Brain Injury Diagnostics Equipment Market Breakdown, by Invasive

9.1.1.4.3.1 South Africa: Traumatic Brain Injury Diagnostics Equipment Market Breakdown, by Invasive ICP

9.1.1.4.4 South Africa: Traumatic Brain Injury Diagnostics Equipment Market Breakdown, by Device

9.1.1.4.5 South Africa: Traumatic Brain Injury Diagnostics Equipment Market Breakdown, by End User

9.1.1.5 United Arab Emirates: Traumatic Brain Injury Diagnostics Equipment Market – Revenue and Forecast to 2030 (US\$ Million)

9.1.1.5.1 Overview

9.1.1.6 United Arab Emirates: Traumatic Brain Injury Diagnostics Equipment Market – Revenue and Forecast to 2030 (US\$ Million)

9.1.1.6.1 United Arab Emirates: Traumatic Brain Injury Diagnostics Equipment Market Breakdown, by Techniques

9.1.1.6.2 United Arab Emirates: Traumatic Brain Injury Diagnostics Equipment Market Breakdown, by Non-invasive

9.1.1.6.2.1 United Arab Emirates: Traumatic Brain Injury Diagnostics Equipment Market Breakdown, by Non-invasive ICP

9.1.1.6.3 United Arab Emirates: Traumatic Brain Injury Diagnostics Equipment Market Breakdown, by Invasive

9.1.1.6.3.1 United Arab Emirates: Traumatic Brain Injury Diagnostics Equipment Market Breakdown, by Invasive ICP

9.1.1.6.4 United Arab Emirates: Traumatic Brain Injury Diagnostics Equipment Market Breakdown, by Device

9.1.1.6.5 United Arab Emirates: Traumatic Brain Injury Diagnostics Equipment Market Breakdown, by End User

9.1.1.7 Rest of Middle East and Africa: Traumatic Brain Injury Diagnostics Equipment Market – Revenue and Forecast to 2030 (US\$ Million)

9.1.1.7.1 Rest of Middle East and Africa: Traumatic Brain Injury Diagnostics Equipment Market Breakdown, by Techniques

9.1.1.7.2 Rest of Middle East and Africa: Traumatic Brain Injury Diagnostics Equipment Market Breakdown, by Non-invasive

9.1.1.7.2.1 Rest of Middle East and Africa: Traumatic Brain Injury Diagnostics Equipment Market Breakdown, by Non-invasive ICP

9.1.1.7.3 Rest of Middle East and Africa: Traumatic Brain Injury Diagnostics Equipment Market Breakdown, by Invasive

9.1.1.7.3.1 Rest of Middle East and Africa: Traumatic Brain Injury Diagnostics Equipment Market Breakdown, by Invasive ICP

9.1.1.7.4 Rest of Middle East and Africa: Traumatic Brain Injury Diagnostics Equipment Market Breakdown, by Device

9.1.1.7.5 Rest of Middle East and Africa: Traumatic Brain Injury Diagnostics Equipment Market Breakdown, by End User

10. INDUSTRY LANDSCAPE

10.1 Overview

10.2 Growth Strategies in the Global Traumatic Brain Injury Diagnostic Equipment Market

10.3 Organic Developments

10.3.1 Overview

10.4 Inorganic Developments

10.4.1 Overview

11. COMPANY PROFILES

11.1 GE HealthCare Technologies Inc

11.1.1 Key Facts

11.1.2 Business Description

11.1.3 Products and Services

11.1.4 Financial Overview

11.1.5 SWOT Analysis

11.1.6 Key Developments

11.2 Elekta AB

11.2.1 Key Facts

11.2.2 Business Description

11.2.3 Products and Services

11.2.4 Financial Overview

11.2.5 SWOT Analysis

11.2.6 Key Developments

11.3 Integra LifeSciences Holdings Corp

11.3.1 Key Facts

11.3.2 Business Description

11.3.3 Products and Services

11.3.4 Financial Overview

11.3.5 SWOT Analysis

11.3.6 Key Developments

11.4 Raumedic AG

11.4.1 Key Facts

11.4.2 Business Description

- 11.4.3 Products and Services
- 11.4.4 Financial Overview
- 11.4.5 SWOT Analysis
- 11.4.6 Key Developments
- 11.5 Soterix Medical Inc
 - 11.5.1 Key Facts
 - 11.5.2 Business Description
 - 11.5.3 Products and Services
 - 11.5.4 Financial Overview
 - 11.5.5 SWOT Analysis
 - 11.5.6 Key Developments
- 11.6 Medtronic Plc
 - 11.6.1 Key Facts
 - 11.6.2 Business Description
 - 11.6.3 Products and Services
 - 11.6.4 Financial Overview
 - 11.6.5 SWOT Analysis
 - 11.6.6 Key Developments
- 11.7 Compumedics Ltd
 - 11.7.1 Key Facts
 - 11.7.2 Business Description
 - 11.7.3 Products and Services
 - 11.7.4 Financial Overview
 - 11.7.5 SWOT Analysis
 - 11.7.6 Key Developments

12. APPENDIX

- 12.1 About The Insight Partners
- 12.2 Glossary of Terms

List Of Tables

LIST OF TABLES

Table 1. Middle East & Africa Traumatic Brain Injury Diagnostics Equipment Market Segmentation

Table 2. Saudi Arabia: Traumatic Brain Injury Diagnostics Equipment Market – Revenue and Forecast to 2030(US\$ Million) – by Techniques

Table 3. Saudi Arabia: Traumatic Brain Injury Diagnostics Equipment Market – Revenue and Forecast to 2030(US\$ Million) – by Non-invasive

Table 4. Saudi Arabia: Traumatic Brain Injury Diagnostics Equipment Market – Revenue and Forecast to 2030(US\$ Million) – by Non-invasive ICP

Table 5. Saudi Arabia: Traumatic Brain Injury Diagnostics Equipment Market – Revenue and Forecast to 2030(US\$ Million) – by Invasive

Table 6. Saudi Arabia: Traumatic Brain Injury Diagnostics Equipment Market – Revenue and Forecast to 2030(US\$ Million) – by Invasive ICP

Table 7. Saudi Arabia: Traumatic Brain Injury Diagnostics Equipment Market – Revenue and Forecast to 2030(US\$ Million) – by Device

Table 8. Saudi Arabia: Traumatic Brain Injury Diagnostics Equipment Market – Revenue and Forecast to 2030(US\$ Million) – by End User

Table 9. South Africa: Traumatic Brain Injury Diagnostics Equipment Market – Revenue and Forecast to 2030(US\$ Million) – by Techniques

Table 10. South Africa: Traumatic Brain Injury Diagnostics Equipment Market – Revenue and Forecast to 2030(US\$ Million) – by Non-invasive

Table 11. South Africa: Traumatic Brain Injury Diagnostics Equipment Market – Revenue and Forecast to 2030(US\$ Million) – by Non-invasive ICP

Table 12. South Africa: Traumatic Brain Injury Diagnostics Equipment Market – Revenue and Forecast to 2030(US\$ Million) – by Invasive

Table 13. South Africa: Traumatic Brain Injury Diagnostics Equipment Market – Revenue and Forecast to 2030(US\$ Million) – by Invasive ICP

Table 14. South Africa: Traumatic Brain Injury Diagnostics Equipment Market – Revenue and Forecast to 2030(US\$ Million) – by Device

Table 15. South Africa: Traumatic Brain Injury Diagnostics Equipment Market – Revenue and Forecast to 2030(US\$ Million) – by End User

Table 16. United Arab Emirates: Traumatic Brain Injury Diagnostics Equipment Market – Revenue and Forecast to 2030(US\$ Million) – by Techniques

Table 17. United Arab Emirates: Traumatic Brain Injury Diagnostics Equipment Market – Revenue and Forecast to 2030(US\$ Million) – by Non-invasive

Table 18. United Arab Emirates: Traumatic Brain Injury Diagnostics Equipment Market –

Revenue and Forecast to 2030(US\$ Million) – by Non-invasive ICP

Table 19. United Arab Emirates: Traumatic Brain Injury Diagnostics Equipment Market – Revenue and Forecast to 2030(US\$ Million) – by Invasive

Table 20. United Arab Emirates: Traumatic Brain Injury Diagnostics Equipment Market – Revenue and Forecast to 2030(US\$ Million) – by Invasive ICP

Table 21. United Arab Emirates: Traumatic Brain Injury Diagnostics Equipment Market – Revenue and Forecast to 2030(US\$ Million) – by Device

Table 22. United Arab Emirates: Traumatic Brain Injury Diagnostics Equipment Market – Revenue and Forecast to 2030(US\$ Million) – by End User

Table 23. Rest of Middle East and Africa: Traumatic Brain Injury Diagnostics Equipment Market – Revenue and Forecast to 2030(US\$ Million) – by Techniques

Table 24. Rest of Middle East and Africa: Traumatic Brain Injury Diagnostics Equipment Market – Revenue and Forecast to 2030(US\$ Million) – by Non-invasive

Table 25. Rest of Middle East and Africa: Traumatic Brain Injury Diagnostics Equipment Market – Revenue and Forecast to 2030(US\$ Million) – by Non-invasive ICP

Table 26. Rest of Middle East and Africa: Traumatic Brain Injury Diagnostics Equipment Market – Revenue and Forecast to 2030(US\$ Million) – by Invasive

Table 27. Rest of Middle East and Africa: Traumatic Brain Injury Diagnostics Equipment Market – Revenue and Forecast to 2030(US\$ Million) – by Invasive ICP

Table 28. Rest of Middle East and Africa: Traumatic Brain Injury Diagnostics Equipment Market – Revenue and Forecast to 2030(US\$ Million) – by Device

Table 29. Rest of Middle East and Africa: Traumatic Brain Injury Diagnostics Equipment Market – Revenue and Forecast to 2030(US\$ Million) – by End User

Table 30. Organic Developments Done by Companies

Table 31. Inorganic Developments Done by Companies

Table 32. Glossary of Terms, Traumatic Brain Injury Diagnostics Equipment Market

List Of Figures

LIST OF FIGURES

Figure 1. Middle East & Africa Traumatic Brain Injury Diagnostics Equipment Market Segmentation, by Country

Figure 2. Middle East & Africa Traumatic Brain Injury Diagnostics Equipment Market – Key Market Dynamics

Figure 3. Impact Analysis of Drivers and Restraints

Figure 4. Middle East & Africa Traumatic Brain Injury Diagnostics Equipment Market Revenue (US\$ Million), 2022–2030

Figure 5. Middle East & Africa Traumatic Brain Injury Diagnostics Equipment Market Share (%) – by Techniques (2022 and 2030)

Figure 6. Non-Invasive: Traumatic Brain Injury Diagnostics Equipment Market – Revenue and Forecast to 2030 (US\$ Million)

Figure 7. Electroencephalography (EEG): Traumatic Brain Injury Diagnostics Equipment Market – Revenue and Forecast to 2030 (US\$ Million)

Figure 8. Brain–computer interface (BCI): Traumatic Brain Injury Diagnostics Equipment Market – Revenue and Forecast to 2030 (US\$ Million)

Figure 9. Eye tracking and near-infrared spectroscopy (NIRS): Traumatic Brain Injury Diagnostics Equipment Market – Revenue and Forecast to 2030 (US\$ Million)

Figure 10. Magnetic resonance imaging (MRI): Traumatic Brain Injury Diagnostics Equipment Market – Revenue and Forecast to 2030 (US\$ Million)

Figure 11. Magnetoencephalography (MEG): Traumatic Brain Injury Diagnostics Equipment Market – Revenue and Forecast to 2030 (US\$ Million)

Figure 12. Transcranial magnetic stimulation (TMS): Traumatic Brain Injury Diagnostics Equipment Market – Revenue and Forecast to 2030 (US\$ Million)

Figure 13. Cerebral metabolic rate of oxygen (CMRO₂): Traumatic Brain Injury Diagnostics Equipment Market – Revenue and Forecast to 2030 (US\$ Million)

Figure 14. Intracranial Pressure: Traumatic Brain Injury Diagnostics Equipment Market – Revenue and Forecast to 2030 (US\$ Million)

Figure 15. Transcranial Doppler Ultrasonography (TCD): Traumatic Brain Injury Diagnostics Equipment Market – Revenue and Forecast to 2030 (US\$ Million)

Figure 16. Tympanic Membrane Displacement (TMD): Traumatic Brain Injury Diagnostics Equipment Market – Revenue and Forecast to 2030 (US\$ Million)

Figure 17. Optic Nerve Sheath Diameter (ONSD): Traumatic Brain Injury Diagnostics Equipment Market – Revenue and Forecast to 2030 (US\$ Million)

Figure 18. Magnetic Resonance Imaging (MRI) and Computer Tomography (CT): Traumatic Brain Injury Diagnostics Equipment Market – Revenue and Forecast to 2030

(US\$ Million)

Figure 19. Fundoscopy and Papilledema: Traumatic Brain Injury Diagnostics Equipment Market – Revenue and Forecast to 2030 (US\$ Million)

Figure 20. Others: Traumatic Brain Injury Diagnostics Equipment Market – Revenue and Forecast to 2030 (US\$ Million)

Figure 21. Invasive: Traumatic Brain Injury Diagnostics Equipment Market – Revenue and Forecast to 2030 (US\$ Million)

Figure 22. Cerebral Perfusion Pressure (CPP) and Pressure Reactivity Index (PRx): Traumatic Brain Injury Diagnostics Equipment Market – Revenue and Forecast to 2030 (US\$ Million)

Figure 23. Partial Brain Tissue Oxygen Pressure (PbtO₂): Traumatic Brain Injury Diagnostics Equipment Market – Revenue and Forecast to 2030 (US\$ Million)

Figure 24. Cerebral Microdialysis (CMD): Traumatic Brain Injury Diagnostics Equipment Market – Revenue and Forecast to 2030 (US\$ Million)

Figure 25. Intracranial Pressure: Traumatic Brain Injury Diagnostics Equipment Market – Revenue and Forecast to 2030 (US\$ Million)

Figure 26. External Ventricular Drainage (EVD): Traumatic Brain Injury Diagnostics Equipment Market – Revenue and Forecast to 2030 (US\$ Million)

Figure 27. Microtransducer ICP Monitoring Devices: Traumatic Brain Injury Diagnostics Equipment Market – Revenue and Forecast to 2030 (US\$ Million)

Figure 28. Others: Traumatic Brain Injury Diagnostics Equipment Market – Revenue and Forecast to 2030 (US\$ Million)

Figure 29. Combination Techniques: Traumatic Brain Injury Diagnostics Equipment Market – Revenue and Forecast to 2030 (US\$ Million)

Figure 30. Middle East & Africa Traumatic Brain Injury Diagnostics Equipment Market Share (%) – by Device (2022 and 2030)

Figure 31. Imaging devices: Traumatic Brain Injury Diagnostics Equipment Market – Revenue and Forecast to 2030 (US\$ Million)

Figure 32. Monitoring Devices: Traumatic Brain Injury Diagnostics Equipment Market – Revenue and Forecast to 2030 (US\$ Million)

Figure 33. Traumatic Brain Injury Diagnostics Equipment Market Share (%) – by End User (2022 and 2030)

Figure 34. Hospitals and Clinics: Traumatic Brain Injury Diagnostics Equipment Market – Revenue and Forecast to 2030 (US\$ Million)

Figure 35. Diagnostic Centers: Traumatic Brain Injury Diagnostics Equipment Market – Revenue and Forecast to 2030 (US\$ Million)

Figure 36. Others: Traumatic Brain Injury Diagnostics Equipment Market – Revenue and Forecast to 2030 (US\$ Million)

Figure 37. Middle East and Africa: Traumatic Brain Injury Diagnostics Equipment Market

by Key Countries – Revenue (2022) US\$ Million

Figure 38. Middle East and Africa: Traumatic Brain Injury Diagnostics Equipment Market Breakdown, by Key Countries, 2022 and 2030 (%)

Figure 39. Saudi Arabia: Traumatic Brain Injury Diagnostics Equipment Market – Revenue and Forecast to 2030(US\$ Million)

Figure 40. South Africa: Traumatic Brain Injury Diagnostics Equipment Market – Revenue and Forecast to 2030(US\$ Million)

Figure 41. United Arab Emirates: Traumatic Brain Injury Diagnostics Equipment Market – Revenue and Forecast to 2030(US\$ Million)

Figure 42. Rest of Middle East and Africa: Traumatic Brain Injury Diagnostics Equipment Market – Revenue and Forecast to 2030(US\$ Million)

Figure 43. Growth Strategies in the Global Traumatic Brain Injury Diagnostic Equipment Market

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