

Middle East & Africa Pediatric MRI Market Forecast to 2028 – Regional Analysis – by Type (Functional Brain MRI, Cardiac MRI, 4D MRI, and Others), Application (Neurology, Orthopedics, Cardiology, Oncology, and Others), Product Type [Equipment and Coil Design (Pediatric Head/Neck/Spine MRI Coil, Interchangeable Pediatric Brain Coil, Pediatric Blanket Coil, and Others)], Age Group [Adolescent (11-18 Years), Child (2-11 Years), Infants and Toddlers (28 Days-23 Months), Neonatal Stage (0-27 Days), and Fetal Stage], and End User (Hospitals, Pediatric Clinics, Diagnostic Centers, and Others)

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Abstracts

The Middle East & Africa pediatric MRI market was valued at US\$ 108.27 million in 2022 and is expected to reach US\$ 138.88 million by 2028; it is estimated to grow at a CAGR of 4.2% from 2022 to 2028.

Increasing Campaigns to Create Awareness Regarding Pediatric Safety fueling the Middle East & Africa Pediatric MRI Market

Medical imaging is widely used to diagnose and treat many diseases. Radiation is commonly used in imaging, and this exposure raises questions and concerns for patients and providers. The initiatives by international organizations, such as WHO and United Nations Children's Fund (UNICEF), to raise awareness regarding preterm birth

and child health are likely to propel the adoption of pediatric MRI in hospitals and maternity clinics across middle-income countries in the coming years. For instance, in 2015, the United Nations established the Sustainable Development Goals (SDGs) to promote healthy lives and well-being for all children. These projects aim to reduce the cases of preventable deaths of newborns and under-5 children by 2030. Owing to these efforts, in 2019, 122 countries met the SDG target for under-5 mortality, and 20 countries are expected to meet the target by 2030. Under SDG, the number of under-5 deaths is expected to decrease by 11 million between 2019 and 2030. However, focused efforts are needed in Sub-Saharan Africa to prevent 80% of these deaths. Therefore, increasing initiatives, especially in developing nations, to create awareness regarding pediatric safety are likely to offer lucrative growth opportunities for the pediatric MRI market during the forecast period.

Middle East & Africa Pediatric MRI Market Overview

The pediatric MRI market in the Middle East & Africa is segmented into the UAE, Saudi Arabia, South Africa, and the Rest of Middle East & Africa. The market is driven by the factors such as increasing government initiatives, growing number of research and development activities, and rising number of product launches and approvals in the region. The Rest of Middle East & Africa includes remaining countries in the region such as Israel, Iran, Iraq, Kuwait, Egypt, Kenya, and others. The market growth in this region is prominently attributed to the substantial prevalence of chronic conditions in the pediatric population. The prevalence of infectious diseases is also significant in Africa. According to a study published on NCBI in 2020, infectious diseases are responsible for the death of around 10 million people each year in Africa. The high prevalence of chronic and infectious health conditions is estimated to propel the adoption of pediatric MRI in the regions. Increasing demand for technologically advanced MRI products and presence of various market players in the regions would provide ample opportunity for the market in the coming years.

Middle East & Africa Pediatric MRI Market Revenue and Forecast to 2028 (US\$ Million)

Middle East & Africa Pediatric MRI Market Segmentation

The Middle East & Africa pediatric MRI market is segmented based on type, application, product type, age group, end user, and country. Based on type, the Middle East & Africa pediatric MRI market is segmented into functional brain MRI, cardiac MRI, 4D MRI, and others. The functional brain MRI segment held the largest market share in 2022.

Based on application, the Middle East & Africa pediatric MRI market is segmented into neurology, orthopedics, cardiology, oncology, and others. The neurology segment held the largest market share in 2022.

Based on product type, the Middle East & Africa pediatric MRI market is bifurcated into equipment and coil design. The equipment segment held a larger market share in 2022.

Based on age group, the Middle East & Africa pediatric MRI market is segmented into adolescent (11-18 Years), child (2-11 Years), infants and toddlers (28 Days-23 Months), neonatal stage (0-27 Days), and fetal stage. The adolescent (11-18 Years) segment held the largest market share in 2022.

Based on end user, the Middle East & Africa pediatric MRI market is segmented into hospitals, pediatric clinics, diagnostic centers, and others. The hospitals segment held the largest market share in 2022.

Based on country, the Middle East & Africa pediatric MRI market is segmented into South Africa, Saudi Arabia, the UAE, and the Rest of Middle East & Africa. The Rest of Middle East & Africa dominated the Middle East & Africa pediatric MRI market share in 2022.

GE HealthCare Technologies Inc; Koninklijke Philips NV; LMT Medical Systems GmbH; and Siemens Healthineers AG are some of the leading players operating in the Middle East & Africa pediatric MRI market.

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