

Europe Fetal and Neonatal Care Equipment - Market Share Analysis, Industry Trends & Statistics, Growth Forecasts 2019 - 2029

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Report description:

The Europe Fetal and Neonatal Care Equipment Market size is estimated at USD 1.88 billion in 2024, and is expected to reach USD 2.59 billion by 2029, growing at a CAGR of 6.69% during the forecast period (2024-2029).

With the advent of the COVID-19 pandemic, there has been a significant impact on the studied market. According to the research article published in BMJ Journals-ADC Fetal and Neonatal Edition, 2020, there was a reduction in extremely premature births to 0.19/1000 births during the 2020 nationwide lockdown in Denmark, whereas it was 2.19/1000 births during 2019. Additionally, as per the research article published in the Lancet-Child and Adolescent Health, 2021, the neonatal immune system plays a vital role in fighting against SARS-CoV2 viral infection and it was observed that nearly 80% of the neonates observed in the study did not require respiratory support and nearly one neonate in five was asymptomatic, with no symptoms of COVID-10 infection. Thus, given the aforementioned factors, the need for fetal and neonatal care equipment to fight the COVID-19 infection is not significantly high and thus is expected to impact the studied market growth.

The factors that are driving the market's growth include increasing number of preterm and low-weight births, growing technological advancement in infant and maternal care products, and rising congenital and pregnancy complications due to a sedentary lifestyle. According to the research article published in the European Journal of Pediatrics, 2021, the estimated rate of preterm births in Europe was 8.7 and is one of the major causes of death in early childhood in the region. Preterm babies often require special care in the neonatal intensive care unit (NICU), owing to which the demand for neonatal devices is also increasing, which is expected to act as a key driving force. Moreover, the incidence of diseases and associated complications among newborns has also increased. These factors have increased the demand for fetal and neonatal care equipment in the region.

However, the rising cost of neonatal care is one of the major factors hindering the European fetal and neonatal care equipment

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market.

Europe Fetal & Neonatal Care Equipment Market Trends

Neonatal Monitoring Devices Sub-segment in Neonatal Care Equipment is Expected to Witness the Highest CAGR over the Forecast Period

Neonatal monitoring refers to the monitoring of vital physiological parameters of premature infants. Continuous health monitoring for neonates provides crucial parameters such as cessation of breathing, heart rhythm disturbances and drop in blood oxygen saturation, etc. Vital parameters of clinical relevance for neonatal monitoring include body temperature, electrocardiogram (ECG), respiration, and blood oxygen saturation. Body temperature is monitored with adhesive thermistors; ECG and respiration are obtained by adhesive skin electrodes. The oxygen saturation of the blood is monitored by a pulse oximeter with the sensor applied on the foot or palm of the neonate. With the growing prevalence of preterm births in the European countries due to changing lifestyles of mothers and the increasing age of pregnancy in the region, the need for these NICU monitoring systems is expected to increase over the coming years. Preterm-born babies are more prone to infections and diseases and require more care. According to an article published in 2018 by Sandrine Ceurstemont, about 500,000 babies are born prematurely in Europe every year and numbers are increasing. As these babies require more care, an increase in preterm birth is expected to drive the market growth.

The growing need for neonatal monitors, increasing awareness and research on wireless monitors, and the collaborations of these regions with major players and their launches in this region are anticipated to boost the segment growth over the forecast period. For instance, in Feb 2021, Medtronic plc completed its study on Newborns using Nellcor Pulse Oximetry Technology and revealed that the stable signal was obtained from all 60 newborns with the Nellcor pulse oximeter, thus suggesting this device as a simple, noninvasive bedside monitoring device for neonates in the detection of oxygen saturation levels and heart rate. Thus, owing to the aforementioned factors, the studied segment is expected to register the highest CAGR over the forecast period in the region.

Europe Fetal & Neonatal Care Equipment Industry Overview

The Europe Fetal and Neonatal Care Equipment market is consolidated. The companies, like Dragerwerk AG & Co. KGaA, GE Company (GE Healthcare), Siemens Healthineers AG, Hoffmann-La Roche Ltd, among others, holds substantial shares in the fetal and neonatal care equipment market in the European region. The major players have been implementing the strategies such as agreements, collaborative models, business expansion, and product developments, along with heavy investments in research and development activities to stay ahead among the competitors of the studied market. For instance, in April 2021, Dragerwerk AG & Co. KGaA completed the acquisition of the majority share of STIMIT AG, which is an innovative medical technology company that specialized in respiratory muscle stimulation and had developed products to maintain and build respiratory muscles in ventilated intensive care patients.

Additional Benefits:

- The market estimate (ME) sheet in Excel format
- 3 months of analyst support

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