

# **Middle East & Africa Digital Thoracic Drainage Devices Market Forecast to 2030 - Regional Analysis - by Product Type (Single Chamber and Multiple Chambers), Application (Cardiac Surgery, Thoracic and Pulmonary Surgery, Oncology and Trauma, Infectious Diseases, and Others), and End User (Hospitals, Ambulatory Surgical Centers, and Others)**

<https://marketpublishers.com/r/M895B575F1C2EN.html>

Date: December 2023

Pages: 66

Price: US\$ 3,550.00 (Single User License)

ID: M895B575F1C2EN

## **Abstracts**

The Middle East & Africa digital thoracic drainage devices market is expected to grow from US\$ 4.65 million in 2022 to US\$ 6.23 million by 2030. It is estimated to grow at a CAGR of 3.7% from 2022 to 2030.

### **AI-Powered Thoracic Diagnostics Fuels Middle East & Africa Digital Thoracic Drainage Devices Market**

The future of digital thoracic diagnostics is poised for a transformative shift, primarily fueled by the integration of Artificial Intelligence (AI) into the field. AI-enhanced diagnostics represent a pioneering trend that promises to revolutionize how thoracic conditions are detected and managed. Advanced machine learning algorithms, trained on a vast dataset of thoracic images, can quickly and accurately identify abnormalities, ranging from lung nodules to subtle lung tissue changes.

This development holds immense potential for earlier and more precise diagnoses, particularly in conditions like lung cancer, where early detection significantly impacts survival rates. AI can rapidly analyze large volumes of imaging data, allowing radiologists and clinicians to focus on more complex cases, interpret results with greater confidence, and expedite treatment decisions. Additionally, AI-driven predictive models

can help access disease progression and treatment responses over time, aiding in personalized patient care.

The integration of AI into thoracic diagnostics represents a paradigm shift, promising to enhance the efficiency and effectiveness of respiratory healthcare, ultimately leading to enhanced patient results and a more sustainable healthcare system.

### Middle East & Africa Digital Thoracic Drainage Devices Market Overview

The Middle East & Africa digital thoracic drainage devices market is segmented into the UAE, South Africa, Saudi Arabia, and the Rest of Middle East & Africa. Increase in the geriatric population, an upsurge in cardiothoracic abnormalities, a higher rate of diagnosis and surgical treatment of cardiothoracic abnormalities, and the development of healthcare infrastructure. The increasing prevalence of pneumothorax is one of the prime reasons driving the growth of the Middle East & Africa digital thoracic drainage devices market in Saudi Arabia. Chest pain, tachypnea, dyspnea, dry cough, subcutaneous emphysema, respiratory distress indicators, tiredness, hypotension, and tachycardia are a few of the symptoms of pneumothorax. Possible reasons for ruptured or damaged chest or lung walls include lung disease, assisted breathing with a ventilator, sports or accident injuries, or fluctuations in air pressure during scuba diving or mountain climbing. On the other hand, the etiology of pneumothorax is unknown sometimes. The study "Characteristics of Neonatal Pneumothorax in Saudi Arabia" was conducted with 2,204 infants admitted to the neonatal intensive care unit (NICU) at King Fahad Medical City, Saudi Arabia, which involved the records of newborns with pneumothorax. Around 86 patients were diagnosed with pneumothorax, with an incidence of 3.9%, and 25 newborns with pneumothorax died. Thus, such a high incidence of pneumothorax fuels the Middle East & Africa digital thoracic drainage devices market in Saudi Arabia.

### Middle East & Africa Digital Thoracic Drainage Devices Market Revenue and Forecast to 2030 (US\$ Million)

### Middle East & Africa Digital Thoracic Drainage Devices Market Segmentation

The Middle East & Africa digital thoracic drainage devices market is segmented into product type, application, end user, and country.

Based on product type, the Middle East & Africa digital thoracic drainage devices market is segmented into single chamber and multiple chambers. The single chamber

segment held a larger share of the Middle East & Africa digital thoracic drainage devices market in 2022.

Based on application, the Middle East & Africa digital thoracic drainage devices market is segmented into cardiac surgery, thoracic and pulmonary surgery, oncology and trauma, infectious diseases, and others. The thoracic and pulmonary surgery segment held the largest share of the Middle East & Africa digital thoracic drainage devices market in 2022.

Based on end user, the Middle East & Africa digital thoracic drainage devices market is segmented into hospitals, ambulatory surgical centers, and others. The hospitals segment held the largest share of the Middle East & Africa digital thoracic drainage devices market in 2022.

Based on country, the Middle East & Africa digital thoracic drainage devices market is segmented into the UAE, South Africa, Saudi Arabia, and the Rest of Middle East & Africa. The Rest of Middle East & Africa dominated the Middle East & Africa digital thoracic drainage devices market in 2022.

Cardinal Health Inc, Getinge AB, Medela AG, Redax SpA, and Teleflex Inc are some of the leading companies operating in the Middle East & Africa digital thoracic drainage devices market.

## Contents

### **1. INTRODUCTION**

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

### **2. EXECUTIVE SUMMARY**

- 2.1 Key Insights
- 2.2 Market Attractiveness

### **3. RESEARCH METHODOLOGY**

- 3.1 Coverage
- 3.2 Secondary Research
- 3.3 Primary Research

### **4. MIDDLE EAST & AFRICA DIGITAL THORACIC DRAINAGE DEVICES MARKET LANDSCAPE**

- 4.1 Overview
- 4.2 Middle East & Africa PEST Analysis

### **5. MIDDLE EAST & AFRICA DIGITAL THORACIC DRAINAGE DEVICES MARKET - KEY INDUSTRY DYNAMICS**

- 5.1 Key Market Drivers:
  - 5.1.1 Need for Digital Thoracic Drainage Post-Thoracic Surgery
  - 5.1.2 Advantages of Digital Thoracic Drainage Devices Over Analog Thoracic Drainage Devices
- 5.2 Key Market Restraints:
  - 5.2.1 Lack of Skilled Personnel
- 5.3 Key Market Opportunities:
  - 5.3.1 Inclination Toward Digital Devices
- 5.4 Future Trends:
  - 5.4.1 AI-Powered Thoracic Diagnostics
- 5.5 Impact Analysis:

## **6. DIGITAL THORACIC DRAINAGE DEVICES MARKET - MIDDLE EAST & AFRICA MARKET ANALYSIS**

6.1 Middle East & Africa Digital Thoracic Drainage Devices Market Revenue (US\$ Mn), 2022 - 2030

6.2 Digital Thoracic Drainage Devices Market-Global Pricing Analysis

## **7. MIDDLE EAST & AFRICA DIGITAL THORACIC DRAINAGE DEVICES MARKET - REVENUE AND FORECAST TO 2030 - BY PRODUCT TYPE**

7.1 Overview

7.2 Middle East & Africa Digital Thoracic Drainage Devices Market Revenue Share, by Product Type 2022 & 2030 (%)

7.3 Single Chamber

7.3.1 Overview

7.3.2 Single Chamber: Middle East & Africa Digital Thoracic Drainage Devices Market - Revenue and Forecast to 2030 (US\$ Million)

7.4 Multiple Chamber

7.4.1 Overview

7.4.2 Multiple Chamber: Middle East & Africa Digital Thoracic Drainage Devices Market - Revenue and Forecast to 2030 (US\$ Million)

## **8. MIDDLE EAST & AFRICA DIGITAL THORACIC DRAINAGE DEVICES MARKET - REVENUE AND FORECAST TO 2030 - BY APPLICATION**

8.1 Overview

8.2 Middle East & Africa Digital Thoracic Drainage Devices Market Revenue Share, by Application 2022 & 2030 (%)

8.3 Cardiac Surgery

8.3.1 Overview

8.3.2 Cardiac Surgery: Middle East & Africa Digital Thoracic Drainage Devices Market - Revenue and Forecast to 2030 (US\$ Million)

8.4 Thoracic and Pulmonary Surgery

8.4.1 Overview

8.4.2 Thoracic and Pulmonary Surgery: Middle East & Africa Digital Thoracic Drainage Devices Market - Revenue and Forecast to 2030 (US\$ Million)

8.5 Oncology and Trauma

8.5.1 Overview

8.5.2 Oncology and Trauma: Middle East & Africa Digital Thoracic Drainage Devices

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

8.6 Infectious Diseases

8.6.1 Overview

8.6.2 Infectious Diseases: Middle East & Africa Digital Thoracic Drainage Devices

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

8.7 Others

8.7.1 Overview

8.7.2 Others: Middle East & Africa Digital Thoracic Drainage Devices Market -  
Revenue and Forecast to 2030 (US\$ Million)

## **9. MIDDLE EAST & AFRICA DIGITAL THORACIC DRAINAGE DEVICES MARKET - REVENUE AND FORECAST TO 2030 - BY END USER**

9.1 Overview

9.2 Middle East & Africa Digital Thoracic Drainage Devices Market Revenue Share, by  
End User 2022 & 2030 (%)

9.3 Hospitals

9.3.1 Overview

9.3.2 Hospitals: Middle East & Africa Digital Thoracic Drainage Devices Market -  
Revenue and Forecast to 2030 (US\$ Million)

9.4 Ambulatory Surgical Centers

9.4.1 Overview

9.4.2 Ambulatory Surgical Centers: Middle East & Africa Digital Thoracic Drainage  
Devices Market - Revenue and Forecast to 2030 (US\$ Million)

9.5 Others

9.5.1 Overview

9.5.2 Others: Middle East & Africa Digital Thoracic Drainage Devices Market -  
Revenue and Forecast to 2030 (US\$ Million)

## **10. MIDDLE EAST & AFRICA DIGITAL THORACIC DRAINAGE DEVICES MARKET - COUNTRY ANALYSIS**

10.1 Overview

10.1.1.1 Middle East & Africa Digital Thoracic Drainage Devices Market by Country

10.1.1.2 UAE

10.1.1.2.1 Overview

10.1.1.2.2 UAE: Middle East & Africa Digital Thoracic Drainage Devices Market  
Revenue and Forecast to 2030 (US\$ Mn)

10.1.1.2.3 UAE: Middle East & Africa Digital Thoracic Drainage Devices Market, by

## Product Type

10.1.1.2.4 UAE: Middle East & Africa Digital Thoracic Drainage Devices Market, by Application

10.1.1.2.5 UAE: Middle East & Africa Digital Thoracic Drainage Devices Market, by End User

10.1.1.3 Saudi Arabia

10.1.1.3.1 Overview

10.1.1.3.2 Saudi Arabia: Middle East & Africa Digital Thoracic Drainage Devices Market Revenue and Forecast to 2030 (US\$ Mn)

10.1.1.3.3 Saudi Arabia: Middle East & Africa Digital Thoracic Drainage Devices Market, by Product Type

10.1.1.3.4 Saudi Arabia: Middle East & Africa Digital Thoracic Drainage Devices Market, by Application

10.1.1.3.5 Saudi Arabia: Middle East & Africa Digital Thoracic Drainage Devices Market, by End User

10.1.1.4 South Africa

10.1.1.4.1 Overview

10.1.1.4.2 South Africa: Middle East & Africa Digital Thoracic Drainage Devices Market Revenue and Forecast to 2030 (US\$ Mn)

10.1.1.4.3 South Africa: Middle East & Africa Digital Thoracic Drainage Devices Market, by Product Type

10.1.1.4.4 South Africa: Middle East & Africa Digital Thoracic Drainage Devices Market, by Application

10.1.1.4.5 South Africa: Middle East & Africa Digital Thoracic Drainage Devices Market, by End User

10.1.1.5 Rest of Middle East & Africa

10.1.1.5.1 Overview

10.1.1.5.2 Rest of Middle East & Africa: Middle East & Africa Digital Thoracic Drainage Devices Market Revenue and Forecast to 2030 (US\$ Mn)

10.1.1.5.3 Rest of Middle East & Africa: Middle East & Africa Digital Thoracic Drainage Devices Market, by Product Type

10.1.1.5.4 Rest of Middle East & Africa: Middle East & Africa Digital Thoracic Drainage Devices Market, by Application

10.1.1.5.5 Rest of Middle East & Africa: Middle East & Africa Digital Thoracic Drainage Devices Market, by End User

## **11. MIDDLE EAST & AFRICA DIGITAL THORACIC DRAINAGE DEVICES MARKET INDUSTRY LANDSCAPE**

## 11.1 Overview

### 11.1.1 Recent Developments

## **12. MIDDLE EAST & AFRICA DIGITAL THORACIC DRAINAGE DEVICES MARKET, KEY COMPANY PROFILES**

### 12.1 Medela AG

#### 12.1.1 Key Facts

#### 12.1.2 Business Description

#### 12.1.3 Products and Services

#### 12.1.4 Financial Overview

#### 12.1.5 SWOT Analysis

#### 12.1.6 Key Developments

### 12.2 Getinge AB

#### 12.2.1 Key Facts

#### 12.2.2 Business Description

#### 12.2.3 Products and Services

#### 12.2.4 Financial Overview

#### 12.2.5 SWOT Analysis

#### 12.2.6 Key Developments

### 12.3 Teleflex Inc

#### 12.3.1 Key Facts

#### 12.3.2 Business Description

#### 12.3.3 Products and Services

#### 12.3.4 Financial Overview

#### 12.3.5 SWOT Analysis

#### 12.3.6 Key Developments

### 12.4 Redax SpA

#### 12.4.1 Key Facts

#### 12.4.2 Business Description

#### 12.4.3 Products and Services

#### 12.4.4 Financial Overview

#### 12.4.5 SWOT Analysis

#### 12.4.6 Key Developments

### 12.5 Cardinal Health Inc

#### 12.5.1 Key Facts

#### 12.5.2 Business Description

#### 12.5.3 Products and Services

#### 12.5.4 Financial Overview



12.5.5 SWOT Analysis

12.5.6 Key Developments

## **13. APPENDIX**

13.1 About Us

13.2 Glossary of Terms

## I would like to order

Product name: Middle East & Africa Digital Thoracic Drainage Devices Market Forecast to 2030 - Regional Analysis - by Product Type (Single Chamber and Multiple Chambers), Application (Cardiac Surgery, Thoracic and Pulmonary Surgery, Oncology and Trauma, Infectious Diseases, and Others), and End User (Hospitals, Ambulatory Surgical Centers, and Others)

Product link: <https://marketpublishers.com/r/M895B575F1C2EN.html>

Price: US\$ 3,550.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/M895B575F1C2EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:  
Last name:  
Email:  
Company:  
Address:  
City:  
Zip code:  
Country:  
Tel:  
Fax:  
Your message:

**\*\*All fields are required**

Customer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below  
and fax the completed form to +44 20 7900 3970