

Global Ingestible Sensors Market: Analysis By Sensor Type (Temperature, Pressure, Image, pH), By Sensor Application (Medical, Sports & Physical Fitness), By Region, By Country: Opportunities and Forecast (2017-2022)

https://marketpublishers.com/r/G26151B1D81EN.html

Date: July 2017 Pages: 186 Price: US\$ 2,400.00 (Single User License) ID: G26151B1D81EN

# Abstracts

# **Executive Summary**

A comprehensive research report created through extensive primary research (inputs from industry experts, companies, stakeholders) and secondary research, the report aims to present the analysis of Global Ingestible Sensors Market; By Region (North America, Europe, APAC and ROW) and By Country (U.S., Canada, U.K, Germany, China, Japan, India, Israel and Brazil).

The Ingestible Sensor technology has been gaining major traction as the next major development in medical diagnosis and therapy; however, there are certain challenges that have been restraining the growth in the market, including complex technology design and ascertaining the most suitable patient population to benefit from this minimally invasive medical device. Further, growing applications of these devices in several industries including medical, sports, physical fitness, military, industrial etc., is anticipated to boost the global market in the forecast period. In the recent years, Proteus Digital Health, Inc. has dedicated itself in developing ingestible sensors that can provide unparalleled insight about patient's health patterns and efficiency of the treatment. Other companies such as Olympus Corporation, Medtronic PLC, CapsoVision Inc., Given Imaging, Ltd., etc., have revolutionized the diagnostic procedure for several gastrointestinal diseases through their cutting-edge capsule endoscopy solutions.



According to Azoth Analytics research report, "Global Ingestible Sensors Market: Analysis By Sensor Type (Temperature, Pressure, Image, pH), By Sensor Application (Medical, Sports & Physical Fitness), By Region, By Country: Opportunities and Forecast (2017-2022)" global market is projected to display a vigorous growth represented by a CAGR of 21.49% during 2017 – 2022, chiefly driven by increasing number of patients with chronic diseases, rising geriatric population, rapidly growing awareness about minimally invasive techniques as well as increasing per capita expenditure on healthcare. The segment of ingestible image sensors has developed at a noteworthy pace since its introduction in the market. Amongst the regions, North America accounts for the largest regional share in the Global Ingestible Sensors market in 2016. Nevertheless, Asia Pacific is projected to progress at the highest rate, mainly driven by increase in healthcare expenditure coupled with growing penetration of minimally invasive diagnostic medical devices such as Ingestible Sensors.

The report titled, "Global Ingestible Sensors Market: Analysis By Sensor Type (Temperature, Pressure, Image, pH), By Sensor Application (Medical, Sports & Physical Fitness), By Region, By Country: Opportunities and Forecast (2017-2022)" has covered and analysed the potential of Global Ingestible Sensors Market and provides statistics and information on market size, shares and growth factors. The report intends to provide cutting-edge market intelligence and help decision makers take sound investment evaluation. Besides, the report also identifies and analyses the emerging trends along with major drivers, challenges and opportunities in the global ingestible sensors market. Additionally, the report also highlights market entry strategies for various companies across the globe.

Scope of the Report

Global Market, By Value (Actual Period: 2012-2016, Forecast Period: 2017-2022)

Ingestible Sensors Market

Breakdown By Sensor Type - Temperature Sensor, Pressure Sensor, Image Sensor, pH Sensor

Breakdown By Sensor Application - Medical, Sports, Physical Fitness

Regional Markets – North America, Europe, APAC, and RoW (Actual Period: 2012-2016, Forecast Period: 2017-2022)



Ingestible Sensors Market, By Value

By Sensor Type, By Value

By Sensor Application, By Value

Country Analysis - US, Canada, U.K, Germany, China, Japan, India, Israel and Brazil (Actual Period: 2012-2016, Forecast Period: 2017-2022)

Ingestible Sensors Market, By Value

By Sensor Type, By Value

Other Report Highlights

Market Dynamics – Drivers and Challenges

Market Trends

SWOT Analysis

Porter's Five Force Analysis

Supply Chain Analysis

**Competitive Landscape** 

Product Benchmarking of Key Industry Players developing Ingestible Sensors

Company Share Analysis

Recent Approvals of Key Industry Players

**Product Specifications** 

Policy and Regulatory Landscape



Company Analysis - Proteus Digital Health, Inc., Olympus Corporation, HQ, Inc., Given Imaging, Ltd., Medtronic PLC, CapsoVision, Inc., IntroMedic Co., Ltd., RF Co., Ltd.

Customization of the Report

The report could be customized according to the client's specific research requirements. No additional cost will be required to pay for limited additional research.

Global Ingestible Sensors Market: Analysis By Sensor Type (Temperature, Pressure, Image, pH), By Sensor Applic...



# Contents

# **1. RESEARCH METHODOLOGY**

2. EXECUTIVE SUMMARY

# 3. STRATEGIC RECOMMENDATION

- 3.1. Rapid transition towards minimally invasive therapies
- 3.2. Asia Pacific Region to witness the fastest growth in Market

# 4. INGESTIBLE SENSORS OUTLOOK

# 5. GLOBAL INGESTIBLE SENSORS MARKET: GROWTH AND FORECAST

- 5.1. By Value (2012-2016)
- 5.2. By Value (2017-2022)

## 6. GLOBAL INGESTIBLE SENSORS MARKET-SEGMENTAL ANALYSIS

- 6.1. Global Ingestible Sensors Market Size, By Sensor Type : Breakdown (%)
- 6.1.1. Global Ingestible Sensors Market Size, By Sensor Type, 2016 (%)
- 6.1.2. Global Ingestible Sensors Market Size, By Sensor Type, 2022 (%)
- 6.2. Global Ingestible Image Sensors Market: Growth and Forecast
  - 6.2.1. By Value (2012-2016)
  - 6.2.2. By Value (2017-2022)
- 6.3. Global Ingestible Temperature Sensors Market: Growth and Forecast
- 6.3.1. By Value (2012-2016)
- 6.3.2. By Value (2017-2022)
- 6.4. Global Ingestible pH Sensors Market: Growth and Forecast
- 6.4.1. By Value (2012-2016)
- 6.4.2. By Value (2017-2022)
- 6.5. Global Ingestible Pressure Sensors Market: Growth and Forecast
  - 6.5.1. By Value (2012-2016)
  - 6.5.2. By Value (2017-2022)
- 6.6. Global Ingestible Sensors Market Size, By Application: Breakdown (%)
- 6.6.1. Global Ingestible Sensors Market Size, By Sensor Application, 2016 (%)
- 6.6.2. Global Ingestible Sensors Market Size, By Sensor Application, 2022 (%)
- 6.7. Global Ingestible Sensors Market, By Medical Application: Growth and Forecast



- 6.7.1. By Value (2012-2016)
- 6.7.2. By Value (2017-2022)

6.8. Global Ingestible Sensors Market, By Sports & Physical Fitness Application: Growth and Forecast

- 6.8.1. By Value (2012-2016)
- 6.8.2. By Value (2017-2022)

# 7. GLOBAL INGESTIBLE SENSORS MARKET-REGIONAL ANALYSIS

- 7.1. Global Ingestible Sensors Market Size, By Region: Breakdown (%)
- 7.1.1. Global Ingestible Sensors Market Size, By Region, 2016 (%)
- 7.1.2. Global Ingestible Sensors Market Size, By Region, 2022 (%)
- 7.2. North America Ingestible Sensors Market: Growth and Forecast
- 7.2.1. By Value (2012-2016)
- 7.2.2. By Value (2017-2022)
- 7.2.3. By Type, By Value (2012-2022)
- 7.2.4. By Application, By Value (2012-2022)
- 7.3. North America Ingestible Sensors Market : Country Analysis (U.S and Canada)
- 7.3.1. U.S Ingestible Sensor Market, By Value (2012-2022)
- 7.3.2. U.S Ingestible Sensor Market, By Type, By Value (2012-2022)
- 7.3.3. Canada Ingestible Sensor Market, By Value (2012-2022)
- 7.3.4. Canada Ingestible Sensor Market, By Type , By Value (2012-2022)
- 7.4. Europe Ingestible Sensors Market: Growth and Forecast
  - 7.4.1. By Value (2012-2016)
  - 7.4.2. By Value (2017-2022)
  - 7.4.3. By Type, By Value (2012-2022)
- 7.4.4. By Application, By Value (2012-2022)
- 7.5. Europe Ingestible Sensors Market : Country Analysis (U.K and Germany)
- 7.5.1. U.K Ingestible Sensor Market, By Value (2012-2022)
- 7.5.2. U.K Ingestible Sensor Market, By Type, By Value (2012-2022)
- 7.5.3. Germany Ingestible Sensor Market, By Value (2012-2022)
- 7.5.4. Germany Ingestible Sensor Market, By Type , By Value (2012-2022)
- 7.6. APAC Ingestible Sensors Market: Growth and Forecast
- 7.6.1. By Value (2012-2016)
- 7.6.2. By Value (2017-2022)
- 7.6.3. By Type, By Value (2012-2022)
- 7.6.4. By Application, By Value (2012-2022)
- 7.7. APAC Ingestible Sensors Market: Country Analysis (China, Japan and India)
  - 7.7.1. China Ingestible Sensor Market, By Value (2012-2022)



- 7.7.2. China Ingestible Sensor Market, By Type, By Value (2012-2022)
- 7.7.3. Japan Ingestible Sensor Market, By Value (2012-2022)
- 7.7.4. Japan Ingestible Sensor Market, By Type, By Value (2012-2022)
- 7.7.5. India Ingestible Sensor Market, By Value (2012-2022)
- 7.7.6. India Ingestible Sensor Market, By Type, By Value (2012-2022)
- 7.8. ROW Ingestible Sensors Market: Growth and Forecast
- 7.8.1. By Value (2012-2016)
- 7.8.2. By Value (2017-2022)
- 7.8.3. By Type, By Value (2012-2022)
- 7.8.4. By Application, By Value (2012-2022)
- 7.9. ROW Ingestible Sensors Market: Country Analysis (Israel and Brazil)
  - 7.9.1. Israel Ingestible Sensor Market, By Value (2012-2022)
  - 7.9.2. Israel Ingestible Sensor Market, By Type, By Value (2012-2022)
  - 7.9.3. Brazil Ingestible Sensor Market, By Value (2012-2022)
  - 7.9.4. Brazil Ingestible Sensor Market, By Type, By Value (2012-2022)

## 8. GLOBAL INGESTIBLE SENSORS MARKET DYNAMICS

- 8.1. Global Ingestible Sensors Market Drivers
- 8.2. Global Ingestible Sensors Market Restraints

#### 9. MARKET TRENDS

## **10. PORTER FIVE FORCE ANALYSIS**

#### **11. SWOT ANALYSIS**

## **12. SUPPLY CHAIN ANALYSIS**

#### 13. COMPETITIVE LANDSCAPE:

- 13.1. Company Share Analysis of Key Industry Players
- 13.2. Product Benchmarking of Key Industry Players
- 13.3. Recent Product Approvals of Key Industry Players
- 13.4. Product Specifications

## 14. POLICY AND REGULATORY LANDSCAPE

## **15. COMPANY PROFILING**

Global Ingestible Sensors Market: Analysis By Sensor Type (Temperature, Pressure, Image, pH), By Sensor Applic..



- 15.1. Proteus Digital Health, Inc.
- 15.2. Olympus Corporation
- 15.3. HQ, Inc.
- 15.4. Given Imaging, Ltd.
- 15.5. Medtronic PLC
- 15.6. CapsoVision, Inc.
- 15.7. IntroMedic Co., Ltd.
- 15.8. RF Co., Ltd.



Market Publishers

# **List Of Figures**

#### LIST OF FIGURES

Figure 1: Ingestible Sensors, Flowchart

Figure 2: Ingestible Sensor Medical Functions Flowchart

Figure 3: Global Ingestible Sensors Market Size, By Value, 2012-2016 (USD Million)

Figure 4: Global Ingestible Sensors Market Size, By Value, Forecast, 2017-2022 (USD Million)

Figure 5: Global Diabetic Population, By Region, 2016 (Million)

Figure 6: Global Population Ages 65 and Above, 2012-2015 (% of Total)

Figure 7: Global Health Expenditure, By Select Countries, 2012-2014 (% of GDP)

Figure 8: Global Ingestible Sensors Market Size, By Sensor Type, 2016 (%)

Figure 9: Global Ingestible Sensors Market Size, By Sensor Type, 2022 (%)

Figure 10: Global Ingestible Image Sensor Market, By Value, 2012-2016 (USD Million)

Figure 11: Global Ingestible Temperature Sensor Market, By Value, 2012-2016 (USD Million)

Figure 12: Global Ingestible Temperature Sensor Market, By Value, Forecast, 2017-2022 (USD Million)

Figure 13: Global Ingestible pH Sensor Market, By Value, 2012-2016 (USD Million)

Figure 14: Global Ingestible pH Sensors Market, By Value, Forecast, 2017-2022(USD Million)

Figure 15: Global Ingestible Pressure Sensor Market, By Value, 2012-2016 (USD Million)

Figure 16: Global Ingestible Pressure Sensor Market, By Value, Forecast,

2017-2022(USD Million)

Figure 17: Global Ingestible Sensors Market Size, By Sensor Application, 2016 (%)

Figure 18: Global Ingestible Sensors Market Size, By Sensor Application, 2022 (%)

Figure 19: Global Ingestible Sensors Market, By Medical Application, By Value, 2012-2016 (USD Million)

Figure 20: Global Ingestible Sensors Market, By Medical Application, By Value, Forecast, 2017-2022(USD Million)

Figure 21: Global Ingestible Sensors Market, By Sports & Physical Fitness Application, By Value, 2012-2016 (USD Million)

Figure 22: Global Ingestible Sensors Market, By Sports & Physical Fitness Application,

By Value, Forecast, 2017-2022(USD Million)

Figure 23: Global Ingestible Sensors Market Size, By Region, 2016(%)

Figure 24: Global Ingestible Sensors Market Size, By Region, 2022 (%)

Figure 25: North America Ingestible Sensors Market, By Value, 2012-2016 (USD



Million)

Figure 26: North America Ingestible Sensors Market, By Value, Forecast, 2017-2022 (USD Million) Figure 27: North America GDP, 2012-2015 (USD Trillion) Figure 28: North America Healthcare Expenditure, 2012-2014 (% of GDP) Figure 29: North America Diabetic Population Growth (Million) Figure 30: North America Population Ages 65 and above, 2012-2015 (% of Total) Figure 31: North America Ingestible Sensor Market: By Type, By Value, 2012-2022 (USD Million) Figure 32: North America Ingestible Sensor Market: By Application, By Value, 2012-2022 (USD Million) Figure 33: U.S. Ingestible Sensor Market Size, By Value, 2012-2022 (USD Million) Figure 34: U.S. Ingestible Sensors Market, By Sensor Type, By Value, 2012-2022 (USD Million) Figure 35: Canada Ingestible Sensors Market Size, By Value, 2012-2022 (USD Million) Figure 36: Canada Ingestible Sensors Market: By Sensor Type, By Value, 2012-2022 (USD Million) Figure 37: North America Ingestible Sensors Market, Country Share, 2012-2016(% of Total) Figure 38: North America Ingestible Sensors Market, Country Share, 2017E-2022F (% of Total) Figure 39: Europe Ingestible Sensors Market, By Value, 2012-2016 (USD Million) Figure 40: Europe Ingestible Sensors Market, By Value, Forecast, 2017-2022 (USD Million) Figure 41: Europe Healthcare Expenditure, By Select Countries, 2014 (% of GDP) Figure 42: Europe Population Ages 65 and above, By Select Countries, 2015 (% of Total) Figure 43: Europe Ingestible Sensor Market: By Type, By Value, 2012-2022 (USD Million) Figure 44: Europe Ingestible Sensor Market: By Application, By Value, 2012-2022 (USD Million) Figure 45: U.K. Ingestible Sensor Market Size, By Value, 2012-2022 (USD Million) Figure 46: U.K. Ingestible Sensors Market, By Sensor Type, By Value, 2012-2022 (USD Million) Figure 47: Germany Ingestible Sensors Market Size, By Value, 2012-2022 (USD Million) Figure 48: Germany Ingestible Sensors Market: By Sensor Type, By Value, 2012-2022 (USD Million) Figure 49: Europe Ingestible Sensors Market, Country Share, 2012-2016(% of Total)



Figure 50: Europe Ingestible Sensors Market, Country Share, 2017E-2022F (% of Total)

Figure 51: APAC Ingestible Sensors Market, By Value, 2012-2016 (USD Million)

Figure 52: APAC Ingestible Sensors Market, By Value, Forecast, 2017-2022 (USD Million)

Figure 53: APAC Healthcare Expenditure, By Select Countries, 2014 (% of GDP)

Figure 54: Diabetes Prevalence, By Select Countries, 2015 (% of population ages 20 to 79)

Figure 55: Population ages 65 and above, By Select Countries, 2015 (% of total) Figure 56: APAC Ingestible Sensor Market: By Type, By Value, 2012-2022 (USD Million)

Figure 57: APAC Ingestible Sensor Market: By Application, By Value, 2012-2022 (USD Million)

Figure 58: China Ingestible Sensor Market Size, By Value, 2012-2022 (USD Million) Figure 59: China Ingestible Sensors Market, By Sensor Type, By Value, 2012-2022 (USD Million)

Figure 60: Japan Ingestible Sensors Market Size, By Value, 2012-2022 (USD Million) Figure 61: Japan Ingestible Sensors Market: By Sensor Type, By Value, 2012-2022 (USD Million)

Figure 62: India Ingestible Sensors Market Size, By Value, 2012-2022 (USD Million) Figure 63: India Ingestible Sensors Market: By Sensor Type, By Value, 2012-2022 (USD Million)

Figure 64: APAC Ingestible Sensors Market, Country Share, 2012-2016(% of Total)

Figure 65: APAC Ingestible Sensors Market, Country Share, 2017E-2022F (% of Total)

Figure 66: ROW Ingestible Sensors Market, By Value, 2012-2016 (USD Million)

Figure 67: ROW Ingestible Sensors Market, By Value, Forecast, 2017-2022 (USD Million)

Figure 68: Middle East and North Africa Healthcare Expenditure, 2012-2014 (% of GDP) Figure 69: Population ages 65 and above, By Select Countries, 2015 (% of total) Figure 70: ROW Ingestible Sensor Market: By Type, By Value, 2012-2022 (USD Million)

Figure 71: ROW Ingestible Sensor Market: By Application, By Value, 2012-2022 (USD Million) Million)

Figure 72: Israel Ingestible Sensor Market Size, By Value, 2012-2022 (USD Million) Figure 73: Israel Ingestible Sensors Market: By Sensor Type, By Value, 2012-2022 (USD Million)

Figure 74: Brazil Ingestible Sensors Market Size, By Value, 2012-2022 (USD Million) Figure 75: BrazilIngestible Sensors Market, By Sensor Type, By Value, 2012-2022 (USD Million)

Figure 76: ROW Ingestible Sensors Market, Country Share, 2012-2016(% of Total) Figure 77: ROW Ingestible Sensors Market, Country Share, 2017E-2022F (% of Total)



Figure 78: Global Ingestible Sensors Market Size, By Company Share, 2016 (%)

Figure 79: Proteus Digital Health, Growth Strategy

Figure 80: Olympus Corporation (Medical Business), Net Sales, 2012-2018F (USD Billion)

Figure 81: Olympus Corporation Net Sales, By Business Segments, 2017 (%)

Figure 82: Olympus Corporation Net Sales, By Region, 2017 (%)

Figure 83: Medtronic PLC, Net Sales, 2012-2016 (USD Million)

Figure 84: Medtronic PLC, By Business Segments, 2016 (%)

Figure 85: Medtronic PLC, Net Sales, By Region, 2016 (%)

Figure 86: IntroMedic Co., Ltd., Net Sales, 2013-2016 (Million)

# LIST OF TABLE

Table A: Model Ingestible Sensor, Characteristics

Table B: Common Diseases Diagnosed through Ingestible Sensors, By Symptoms and

Causes and Corresponding Clinical Implications due to medical non adherence.

 Table C: Recent Company Acquisitions In Ingestible Sensors Industry

Table D: Financial incentives in European Health Systems

Table E: Pricing Analysis of Ingestible Image Sensors

Table F: Pricing Analysis of Ingestible Temperature Sensors

Table G: Pricing Analysis of Ingestible pH Sensors

Table H: Pricing Analysis of Ingestible Pressure Sensors

Table I: Product Benchmarking of Key Industry Players, By Sensor Type

Table J: Product Benchmarking of Key Industry Players, By Sensor Type

Table K: Recent Ingestible Sensor Approval

Table L: Recent Ingestible Sensor Approval

Table M: Ingestible Sensor, Product Specifications, By Select Company

Table N: Digestible Image Sensor, Product Specifications, By Select Company

Table O: Digestible Image Sensor, Product Specifications, By Select Company

Table P: Common framework for medical device regulations

Table Q: Characteristics of the phases within medical device life-cycle

Table R: Regulatory harmonization groups and regulatory authorities for Medical

Devices, By Select Country

Table S: Proteus Digital Health, Inc., Sensor Encapsulation Techniques, Performance in Clinical Trials

Table T: Proteus Digital Health, Inc., Ingestible Sensor Solution, Exposure and Performance in Clinical Trials

Table U: HQ, Inc., CorTemp® Solution, By Components

Table V: IntroMedic Co., Ltd., MiroCam® Solution Specifications, By Product Range



# I would like to order

Product name: Global Ingestible Sensors Market: Analysis By Sensor Type (Temperature, Pressure, Image, pH), By Sensor Application (Medical, Sports & Physical Fitness), By Region, By Country: Opportunities and Forecast (2017-2022)

Product link: https://marketpublishers.com/r/G26151B1D81EN.html

Price: US\$ 2,400.00 (Single User License / Electronic Delivery) If you want to order Corporate License or Hard Copy, please, contact our Customer Service: info@marketpublishers.com

# Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <u>https://marketpublishers.com/r/G26151B1D81EN.html</u>

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

Custumer signature \_\_\_\_

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

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