

# High Intensity Focused Ultrasound (HIFU) - Company Profile, Recent Development and Product Analysis

<https://marketpublishers.com/r/H72782F53E5EN.html>

Date: September 2016

Pages: 153

Price: US\$ 900.00 (Single User License)

ID: H72782F53E5EN

## Abstracts

High-intensity focused ultrasound (HIFU) is a promising non-invasive thermal ablation technique. HIFU treatment is a highly precise and non-invasive treatment procedure using high intensity, focused ultrasound to heat and destroy diseased tissue. The history of using therapeutic ultrasound dates back to early in the 20th century. Technology has continually improved and additional clinical applications, both diagnostic and therapeutic, have become an integral part of medicine today. In HIFU treatment, Ultrasound beams are focused on diseased tissue, and due to the significant energy deposition at the focus, temperature within the tissue rises to more than 65°C, destroying the diseased tissue. Development of HIFU therapy has been greatly enhanced through the use of Magnetic Resonance Imaging (MRI) to guide and monitor the procedure. This therapy is more accurately called MRgFUS (MR guided Focused UltraSound).

The recent advancement in high intensity focused ultrasound (HIFU) have increased its popularity. In clinics, HIFU has been applied to treat a variety of solid malignant tumors in a well-defined volume, including the pancreas, liver, prostate, breast, uterine fibroids, and soft-tissue sarcomas. In comparison to conventional tumor/cancer treatment modalities, such as open surgery, radio- and chemo-therapy, HIFU has the advantages of non-invasion, non-ionization, and fewer complications after treatment. Over 100,000 cases have been treated throughout the world with great success. The fundamental principles of HIFU ablation are coagulative thermal necrosis due to the absorption of ultrasound energy during transmission in tissue and the induced cavitation damage.

The global market for High intensity focused ultrasound (HIFU) is increasing rapidly primarily driven by the increase in cancer patient's population, growing demand for minimally invasive treatment procedures, and increasing public-private investments.

The factors that influence the growth of HIFU Therapy are the increasing development in medical technology and its wide range of application used in the treatment of Prostate cancer, Uterine fibroids, Neurological disorders, Cosmetic medicine and others. Furthermore, stringent regulatory guidelines for the approval of innovative HIFU technologies, rising price pressure and unfavorable reimbursement scenario are the key challenges faced by market players restraining the growth of this market.

iGATE RESEARCH report titled “High Intensity Focused Ultrasound (HIFU) - Company Profile, Recent Development and Product Analysis” is a 153 Page report with 8 Figures and 34 Tables. This report provides a comprehensive assessment of the HIFU manufacturers, research sites, pre-clinical research sites, clinical research sites, technical research sites and commercial treatment sites. Furthermore, the company analysis segment covers attributes such as company overview, HIFU products and revenue analysis, and recent developments.

#### High Intensity Focused Ultrasound(HIFU) Company Analysis - 10 Companies Covered

1. EDAP TMS
2. Haifu Medical
3. SonaCare Medical
4. Mianyang Sonic Electronic Ltd.
5. Shanghai A&S Co., LTD
6. Insightec
7. Alpinion Medical Systems
8. FUS Instruments
9. Theraclion
10. Image Guided Therapy

The above companies have been analyzed from 4 view points

1. Company Overview
2. HIFU Products
3. Companies HIFU Revenue
4. Recent Development in High Intensity Focus Ultrasound (HIFU) Market

The Global - High Intensity Focus Ultrasound (HIFU) report also covers

#### List of HIFU Manufacturers

List of HIFU Research Sites

List of HIFU Pre-Clinical Research Sites

List of HIFU Clinical Research Sites

List of HIFU Technical Research Sites

List of HIFU Commercial Treatment Sites

## Data Sources

iGATE RESEARCH employs rigorous primary and secondary research techniques in developing distinctive data sets and research material for business reports. This report is built by using data and information sourced from Proprietary Information Database, Primary and Secondary Research Methodologies, and In house analysis by iGATE Research dedicated team of qualified professionals with deep industry experience and expertise.

## Research Methodologies

Primary Research Methodologies: Questionnaires, Surveys, Interviews with Individuals, Small Groups, Telephonic Interview, etc.

Secondary Research Methodologies: Printable and Non-printable sources, Newspaper, Magazine and Journal Content, Government and NGO Statistics, white Papers, Information on the Web, Information from Agencies Such as Industry Bodies, Companies Annual Report, Government Agencies, Libraries and Local Councils and a large number of Paid Databases.

## Contents

### **1. EXECUTIVE SUMMARY**

### **2. HIGH INTENSITY FOCUS ULTRASOUND (HIFU)**

- 2.1 Introduction
- 2.2 HIFU Usefulness
- 2.3 Treatment by Indications
- 2.4 Side Effects

### **3. GLOBAL - HIGH INTENSITY FOCUS ULTRASOUND (HIFU) MANUFACTURERS, RESEARCH SITES, PRE-CLINICAL RESEARCH SITES, TECHNICAL RESEARCH SITES, COMMERCIAL TREATMENT SITES**

- 3.1 Global - High Intensity Focus Ultrasound (HIFU) Manufacturers
- 3.2 Global - High Intensity Focus Ultrasound (HIFU) Research Sites
- 3.3 Global - High Intensity Focus Ultrasound (HIFU) Pre-Clinical Research Sites
- 3.4 Global - High Intensity Focus Ultrasound (HIFU) Clinical Research Sites
- 3.5 Global - High Intensity Focus Ultrasound (HIFU) Technical Research Sites
- 3.6 Global - High Intensity Focus Ultrasound (HIFU) Commercial Treatment Sites

### **4. EDAP TMS**

- 4.1 EDAP TMS - HIFU Division Business Overview
- 4.2 EDAP TMS - HIFU Division Business Strategy
- 4.3 EDAP TMS - HIFU Products
- 4.4 EDAP TMS - HIFU Division Patents and Intellectual Property
- 4.5 EDAP TMS - HIFU Division Clinical and Regulatory Status
  - 4.5.1 Clinical and Regulatory Status in Europe
  - 4.5.2 Clinical and Regulatory Status in France
  - 4.5.3 Clinical and Regulatory Status in the United States
  - 4.5.4 Clinical and Regulatory Status in Japan
  - 4.5.5 Clinical and Regulatory Status in China
- 4.6 EDAP TMS - HIFU Clinical Data
- 4.7 EDAP TMS - HIFU Division Revenue & Forecast
  - 4.7.1 Market Potential
  - 4.7.2 EDAP TMS - HIFU Revenue
- 4.8 EDAP TMS - Recent Development in High Intensity Focus Ultrasound (HIFU)

4.8.1 Year 2016

4.8.2 Year 2015

4.8.3 Year 2014

4.8.4 Year 2013

## **5. HAIFU MEDICAL**

5.1 Business Overview

5.2 Haifu Medical - HIFU Products

5.3 Haifu Medical - HIFU Clinical Center

5.4 Patients Treated with Haifu Medical HIFU Devices in Different Hospitals

5.4.1 China - Suining Central Hospital

5.4.2 South Korea - St. Peter's Hospital

5.5 Haifu Medical - Recent Development in High Intensity Focus Ultrasound (HIFU)

5.5.1 2016

## **6. SONACARE MEDICAL**

6.1 Business Overview

6.2 SonaCare Medical - HIFU Products

6.3 Sonablate 500 and Sonatherm Regulatory Status

6.3.1 Sonablate 500 Regulatory Statement

6.3.2 Sonatherm Regulatory Statement

6.4 SonaCare Medical - Recent Development in High Intensity Focus Ultrasound (HIFU)

6.4.1 Year 2016

6.4.2 Year 2015

6.4.3 Year 2014

6.4.4 Year 2013

## **7. MIANYANG SONIC ELECTRONIC LTD**

7.1 Business Overview

7.2 Mianyang Sonic Electronic Ltd. - HIFU Products

## **8. SHANGHAI A&S CO., LTD**

8.1 Business Overview

8.2 Shanghai A&S Co., LTD - HIFU Products

## **9. INSIGHTEC**

9.1 Business Overview

9.2 HIFU Products

9.3 Insightec - Treatment Centers

9.3.1 Treatment Centers for Neurosurgery

9.3.2 Treatment Centers for Facet Joint Osteoarthritis

9.3.3 Treatment Centers for Bone Tumor

9.3.4 Treatment Centers for Uterine Fibroids

9.4 Insightec - HIFU Revenue & Forecast

9.5 Insightec - Recent Development in High Intensity Focus Ultrasound (HIFU)

9.5.1 Year 2016

9.5.2 Year 2015

9.5.3 Year 2014

9.5.4 Year 2013

## **10. ALPINION MEDICAL SYSTEMS**

10.1 Business Overview

10.2 Alpinion Milestone

10.3 Alpinion Medical Systems - HIFU Products

## **11. FUS INSTRUMENTS**

11.1 Business Overview

11.2 FUS Instruments - Partnerships

11.3 FUS Instruments - HIFU Products

## **12. THERACLION**

12.1 Business Overview

12.2 Theraclicon - HIFU Products

12.3 Theraclicon - HIFU Revenue & Forecast

12.4 Theraclicon - Recent Development in High Intensity Focus Ultrasound (HIFU)

12.4.1 Year 2016

12.4.2 Year 2015

12.4.3 Year 2014

## **13. IMAGE GUIDED THERAPY**

### 13.1 Business Overview

### 13.2 Image Guided Therapy - HIFU Products

## List Of Figures

### LIST OF FIGURES:

Figure 4-1: EDAP TMS - HIFU Revenue (Million US\$), 2001 - 2015

Figure 4-2: EDAP TMS - Forecast for HIFU Revenue (Million US\$), 2016 - 2021

Figure 5-1: Number of Patients Treated in Suining Central Hospital HIFU Center (Number), 2010 - 2013

Figure 5-2: Number of Patients Treated in St. Peter's Hospital HIFU Center (Number), 2012 - 2013

Figure 9-1: Insightec - Revenue (Million US\$), 2010 - 2015

Figure 9-2: Insightec - Forecast for Revenue (Million US\$), 2016 - 2022

Figure 12-1: Theraclion - HIFU Revenue (Thousand), 2013 - 2015

Figure 12-2: Theraclion - Forecast for HIFU Revenue (Million US\$), 2016 - 2021



## List Of Tables

### LIST OF TABLES:

Table 3-1: Global - Total Number of High Intensity Focus Ultrasound (HIFU) Manufacturers, 2015

Table 3-2: Global - List of High Intensity Focus Ultrasound (HIFU) Manufacturers, 2015

Table 3-3: Global - Total Number of High Intensity Focus Ultrasound (HIFU) Research Sites, 2015

Table 3-4: North America - List of High Intensity Focus Ultrasound (HIFU) Research Sites, 2015

Table 3-5: South America - Number of High Intensity Focus Ultrasound (HIFU) Research Sites, 2015

Table 3-6: Europe - List of High Intensity Focus Ultrasound (HIFU) Research Sites, 2015

Table 3-7: Asia - List of High Intensity Focus Ultrasound (HIFU) Research Sites, 2015

Table 3-8: Oceania - List of High Intensity Focus Ultrasound (HIFU) Research Sites, 2015

Table 3-9: Middle East - List of High Intensity Focus Ultrasound (HIFU) Research Sites, 2015

Table 3-10: Global - Total Number of High Intensity Focus Ultrasound (HIFU) Pre-Clinical Research Sites, 2015

Table 3-11: North America - List of High Intensity Focus Ultrasound (HIFU) Pre-Clinical Research Sites, 2015

Table 3-12: Europe - List of High Intensity Focus Ultrasound (HIFU) Pre-Clinical Research Sites, 2015

Table 3-13: Asia - List of High Intensity Focus Ultrasound (HIFU) Pre-Clinical Research Sites, 2015

Table 3-14: Oceania - List of High Intensity Focus Ultrasound (HIFU) Pre-Clinical Research Sites, 2015

Table 3-15: Middle East - List of High Intensity Focus Ultrasound (HIFU) Pre-Clinical Research Sites, 2015

Table 3-16: Global - Total Number of High Intensity Focus Ultrasound (HIFU) Clinical Research Sites, 2015

Table 3-17: North America - List of High Intensity Focus Ultrasound (HIFU) Clinical Research Sites, 2015

Table 3-18: South America - List of High Intensity Focus Ultrasound (HIFU) Clinical Research Sites, 2015

Table 3-19: Europe - List of High Intensity Focus Ultrasound (HIFU) Clinical Research

Sites, 2015

Table 3-20: Asia - List of High Intensity Focus Ultrasound (HIFU) Clinical Research

Sites, 2015

Table 3-21: Oceania - List of High Intensity Focus Ultrasound (HIFU) Clinical Research

Sites, 2015

Table 3-22: Middle East - List of High Intensity Focus Ultrasound (HIFU) Clinical  
Research Sites, 2015

Table 3-23: Global - Total Number of High Intensity Focus Ultrasound (HIFU) Technical  
Research Sites, 2015

Table 3-24: North America - List of High Intensity Focus Ultrasound (HIFU) Technical  
Research Sites, 2015

Table 3-25: Europe - List of High Intensity Focus Ultrasound (HIFU) Technical Research  
Sites, 2015

Table 3-26: Asia - List of High Intensity Focus Ultrasound (HIFU) Technical Research  
Sites, 2015

Table 3-27: Middle East - List of High Intensity Focus Ultrasound (HIFU) Technical  
Research Sites, 2015

Table 3-28: United States - Total Number of High Intensity Focus Ultrasound (HIFU)  
Commercial Treatment Sites, 2015

Table 5-1: Haifu - HIFU Clinical Center

Table 9-1: Insightec - Neurosurgery Treatment Centers

Table 9-2: Insightec - Facet Joint Osteoarthritis Treatment Centers

Table 9-3: Insightec - Bone Tumor Treatment Centers

Table 9-4: Insightec - Uterine Fibroids Treatment Centers

Table 10-1: Alpinion Milestone, 2007 - 2014

## I would like to order

Product name: High Intensity Focused Ultrasound (HIFU) - Company Profile, Recent Development and Product Analysis

Product link: <https://marketpublishers.com/r/H72782F53E5EN.html>

Price: US\$ 900.00 (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/H72782F53E5EN.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

