

Global Pulsed Electromagnetic Field (PEMF) Machines Market 2023 by Manufacturers, Regions, Type and Application, Forecast to 2029

https://marketpublishers.com/r/GEEC90E3E733EN.html

Date: February 2023 Pages: 109 Price: US\$ 3,480.00 (Single User License) ID: GEEC90E3E733EN

Abstracts

According to our (Global Info Research) latest study, the global Pulsed Electromagnetic Field (PEMF) Machines market size was valued at USD million in 2022 and is forecast to a readjusted size of USD million by 2029 with a CAGR of % during review period. The influence of COVID-19 and the Russia-Ukraine War were considered while estimating market sizes.

This report is a detailed and comprehensive analysis for global Pulsed Electromagnetic Field (PEMF) Machines market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2023, are provided.

Key Features:

Global Pulsed Electromagnetic Field (PEMF) Machines market size and forecasts, in consumption value (\$ Million), sales quantity (Units), and average selling prices (US\$/Unit), 2018-2029

Global Pulsed Electromagnetic Field (PEMF) Machines market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (Units), and average selling prices (US\$/Unit), 2018-2029

Global Pulsed Electromagnetic Field (PEMF) Machines market size and forecasts, by



Type and by Application, in consumption value (\$ Million), sales quantity (Units), and average selling prices (US\$/Unit), 2018-2029

Global Pulsed Electromagnetic Field (PEMF) Machines market shares of main players, shipments in revenue (\$ Million), sales quantity (Units), and ASP (US\$/Unit), 2018-2023

The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for Pulsed Electromagnetic Field (PEMF) Machines

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global Pulsed Electromagnetic Field (PEMF) Machines market based on the following parameters - company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Orthofix Holdings, BEMER, Dolphin MPS, Curatronic and Swiss Bionic Solutions, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

Market Segmentation

Pulsed Electromagnetic Field (PEMF) Machines market is split by Type and by Application. For the period 2018-2029, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

High Frequency

Low Frequency



Market segment by Application

Hospitals

Specialty Clinics

Major players covered

Orthofix Holdings

BEMER

Dolphin MPS

Curatronic

Swiss Bionic Solutions

ORIN

OMI

HealthyLine

Medithera GmbH

Earth Pulse

Itech Medical Division

NiuDeSai

Banglijian

Green Sea

Market segment by region, regional analysis covers



North America (United States, Canada and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Pulsed Electromagnetic Field (PEMF) Machines product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Pulsed Electromagnetic Field (PEMF) Machines, with price, sales, revenue and global market share of Pulsed Electromagnetic Field (PEMF) Machines from 2018 to 2023.

Chapter 3, the Pulsed Electromagnetic Field (PEMF) Machines competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Pulsed Electromagnetic Field (PEMF) Machines breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2018 to 2029.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2018 to 2029.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value and market share for key countries in the world, from 2017 to 2022.and Pulsed Electromagnetic Field (PEMF) Machines market forecast, by regions, type and application, with sales and revenue, from 2024 to 2029.

Chapter 12, market dynamics, drivers, restraints, trends, Porters Five Forces analysis, and Influence of COVID-19 and Russia-Ukraine War.



Chapter 13, the key raw materials and key suppliers, and industry chain of Pulsed Electromagnetic Field (PEMF) Machines.

Chapter 14 and 15, to describe Pulsed Electromagnetic Field (PEMF) Machines sales channel, distributors, customers, research findings and conclusion.



Contents

1 MARKET OVERVIEW

1.1 Product Overview and Scope of Pulsed Electromagnetic Field (PEMF) Machines

1.2 Market Estimation Caveats and Base Year

1.3 Market Analysis by Type

1.3.1 Overview: Global Pulsed Electromagnetic Field (PEMF) Machines Consumption Value by Type: 2018 Versus 2022 Versus 2029

1.3.2 High Frequency

1.3.3 Low Frequency

1.4 Market Analysis by Application

1.4.1 Overview: Global Pulsed Electromagnetic Field (PEMF) Machines Consumption Value by Application: 2018 Versus 2022 Versus 2029

1.4.2 Hospitals

1.4.3 Specialty Clinics

1.5 Global Pulsed Electromagnetic Field (PEMF) Machines Market Size & Forecast

1.5.1 Global Pulsed Electromagnetic Field (PEMF) Machines Consumption Value (2018 & 2022 & 2029)

1.5.2 Global Pulsed Electromagnetic Field (PEMF) Machines Sales Quantity (2018-2029)

1.5.3 Global Pulsed Electromagnetic Field (PEMF) Machines Average Price (2018-2029)

2 MANUFACTURERS PROFILES

2.1 Orthofix Holdings

2.1.1 Orthofix Holdings Details

2.1.2 Orthofix Holdings Major Business

2.1.3 Orthofix Holdings Pulsed Electromagnetic Field (PEMF) Machines Product and Services

2.1.4 Orthofix Holdings Pulsed Electromagnetic Field (PEMF) Machines Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.1.5 Orthofix Holdings Recent Developments/Updates

2.2 BEMER

2.2.1 BEMER Details

2.2.2 BEMER Major Business

2.2.3 BEMER Pulsed Electromagnetic Field (PEMF) Machines Product and Services

2.2.4 BEMER Pulsed Electromagnetic Field (PEMF) Machines Sales Quantity,



Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.2.5 BEMER Recent Developments/Updates

2.3 Dolphin MPS

2.3.1 Dolphin MPS Details

2.3.2 Dolphin MPS Major Business

2.3.3 Dolphin MPS Pulsed Electromagnetic Field (PEMF) Machines Product and Services

2.3.4 Dolphin MPS Pulsed Electromagnetic Field (PEMF) Machines Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.3.5 Dolphin MPS Recent Developments/Updates

2.4 Curatronic

2.4.1 Curatronic Details

2.4.2 Curatronic Major Business

2.4.3 Curatronic Pulsed Electromagnetic Field (PEMF) Machines Product and Services

2.4.4 Curatronic Pulsed Electromagnetic Field (PEMF) Machines Sales Quantity,

Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.4.5 Curatronic Recent Developments/Updates

2.5 Swiss Bionic Solutions

2.5.1 Swiss Bionic Solutions Details

2.5.2 Swiss Bionic Solutions Major Business

2.5.3 Swiss Bionic Solutions Pulsed Electromagnetic Field (PEMF) Machines Product and Services

2.5.4 Swiss Bionic Solutions Pulsed Electromagnetic Field (PEMF) Machines Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.5.5 Swiss Bionic Solutions Recent Developments/Updates

2.6 ORIN

2.6.1 ORIN Details

2.6.2 ORIN Major Business

2.6.3 ORIN Pulsed Electromagnetic Field (PEMF) Machines Product and Services

2.6.4 ORIN Pulsed Electromagnetic Field (PEMF) Machines Sales Quantity, Average

Price, Revenue, Gross Margin and Market Share (2018-2023)

2.6.5 ORIN Recent Developments/Updates

2.7 OMI

2.7.1 OMI Details

2.7.2 OMI Major Business

2.7.3 OMI Pulsed Electromagnetic Field (PEMF) Machines Product and Services

2.7.4 OMI Pulsed Electromagnetic Field (PEMF) Machines Sales Quantity, Average

Price, Revenue, Gross Margin and Market Share (2018-2023)

2.7.5 OMI Recent Developments/Updates



2.8 HealthyLine

2.8.1 HealthyLine Details

2.8.2 HealthyLine Major Business

2.8.3 HealthyLine Pulsed Electromagnetic Field (PEMF) Machines Product and Services

2.8.4 HealthyLine Pulsed Electromagnetic Field (PEMF) Machines Sales Quantity,

Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.8.5 HealthyLine Recent Developments/Updates

2.9 Medithera GmbH

2.9.1 Medithera GmbH Details

2.9.2 Medithera GmbH Major Business

2.9.3 Medithera GmbH Pulsed Electromagnetic Field (PEMF) Machines Product and Services

2.9.4 Medithera GmbH Pulsed Electromagnetic Field (PEMF) Machines Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.9.5 Medithera GmbH Recent Developments/Updates

2.10 Earth Pulse

2.10.1 Earth Pulse Details

2.10.2 Earth Pulse Major Business

2.10.3 Earth Pulse Pulsed Electromagnetic Field (PEMF) Machines Product and Services

2.10.4 Earth Pulse Pulsed Electromagnetic Field (PEMF) Machines Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.10.5 Earth Pulse Recent Developments/Updates

2.11 Itech Medical Division

2.11.1 Itech Medical Division Details

2.11.2 Itech Medical Division Major Business

2.11.3 Itech Medical Division Pulsed Electromagnetic Field (PEMF) Machines Product and Services

2.11.4 Itech Medical Division Pulsed Electromagnetic Field (PEMF) Machines Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.11.5 Itech Medical Division Recent Developments/Updates

2.12 NiuDeSai

2.12.1 NiuDeSai Details

2.12.2 NiuDeSai Major Business

2.12.3 NiuDeSai Pulsed Electromagnetic Field (PEMF) Machines Product and Services

2.12.4 NiuDeSai Pulsed Electromagnetic Field (PEMF) Machines Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)



2.12.5 NiuDeSai Recent Developments/Updates

2.13 Banglijian

2.13.1 Banglijian Details

2.13.2 Banglijian Major Business

2.13.3 Banglijian Pulsed Electromagnetic Field (PEMF) Machines Product and Services

2.13.4 Banglijian Pulsed Electromagnetic Field (PEMF) Machines Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.13.5 Banglijian Recent Developments/Updates

2.14 Green Sea

2.14.1 Green Sea Details

2.14.2 Green Sea Major Business

2.14.3 Green Sea Pulsed Electromagnetic Field (PEMF) Machines Product and Services

2.14.4 Green Sea Pulsed Electromagnetic Field (PEMF) Machines Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.14.5 Green Sea Recent Developments/Updates

3 COMPETITIVE ENVIRONMENT: PULSED ELECTROMAGNETIC FIELD (PEMF) MACHINES BY MANUFACTURER

3.1 Global Pulsed Electromagnetic Field (PEMF) Machines Sales Quantity by Manufacturer (2018-2023)

3.2 Global Pulsed Electromagnetic Field (PEMF) Machines Revenue by Manufacturer (2018-2023)

3.3 Global Pulsed Electromagnetic Field (PEMF) Machines Average Price by Manufacturer (2018-2023)

3.4 Market Share Analysis (2022)

3.4.1 Producer Shipments of Pulsed Electromagnetic Field (PEMF) Machines by Manufacturer Revenue (\$MM) and Market Share (%): 2022

3.4.2 Top 3 Pulsed Electromagnetic Field (PEMF) Machines Manufacturer Market Share in 2022

3.4.2 Top 6 Pulsed Electromagnetic Field (PEMF) Machines Manufacturer Market Share in 2022

3.5 Pulsed Electromagnetic Field (PEMF) Machines Market: Overall Company Footprint Analysis

3.5.1 Pulsed Electromagnetic Field (PEMF) Machines Market: Region Footprint3.5.2 Pulsed Electromagnetic Field (PEMF) Machines Market: Company Product TypeFootprint



3.5.3 Pulsed Electromagnetic Field (PEMF) Machines Market: Company Product Application Footprint

3.6 New Market Entrants and Barriers to Market Entry

3.7 Mergers, Acquisition, Agreements, and Collaborations

4 CONSUMPTION ANALYSIS BY REGION

4.1 Global Pulsed Electromagnetic Field (PEMF) Machines Market Size by Region

4.1.1 Global Pulsed Electromagnetic Field (PEMF) Machines Sales Quantity by Region (2018-2029)

4.1.2 Global Pulsed Electromagnetic Field (PEMF) Machines Consumption Value by Region (2018-2029)

4.1.3 Global Pulsed Electromagnetic Field (PEMF) Machines Average Price by Region (2018-2029)

4.2 North America Pulsed Electromagnetic Field (PEMF) Machines Consumption Value (2018-2029)

4.3 Europe Pulsed Electromagnetic Field (PEMF) Machines Consumption Value (2018-2029)

4.4 Asia-Pacific Pulsed Electromagnetic Field (PEMF) Machines Consumption Value (2018-2029)

4.5 South America Pulsed Electromagnetic Field (PEMF) Machines Consumption Value (2018-2029)

4.6 Middle East and Africa Pulsed Electromagnetic Field (PEMF) Machines Consumption Value (2018-2029)

5 MARKET SEGMENT BY TYPE

5.1 Global Pulsed Electromagnetic Field (PEMF) Machines Sales Quantity by Type (2018-2029)

5.2 Global Pulsed Electromagnetic Field (PEMF) Machines Consumption Value by Type (2018-2029)

5.3 Global Pulsed Electromagnetic Field (PEMF) Machines Average Price by Type (2018-2029)

6 MARKET SEGMENT BY APPLICATION

6.1 Global Pulsed Electromagnetic Field (PEMF) Machines Sales Quantity by Application (2018-2029)

6.2 Global Pulsed Electromagnetic Field (PEMF) Machines Consumption Value by



Application (2018-2029)

6.3 Global Pulsed Electromagnetic Field (PEMF) Machines Average Price by Application (2018-2029)

7 NORTH AMERICA

7.1 North America Pulsed Electromagnetic Field (PEMF) Machines Sales Quantity by Type (2018-2029)

7.2 North America Pulsed Electromagnetic Field (PEMF) Machines Sales Quantity by Application (2018-2029)

7.3 North America Pulsed Electromagnetic Field (PEMF) Machines Market Size by Country

7.3.1 North America Pulsed Electromagnetic Field (PEMF) Machines Sales Quantity by Country (2018-2029)

7.3.2 North America Pulsed Electromagnetic Field (PEMF) Machines Consumption Value by Country (2018-2029)

7.3.3 United States Market Size and Forecast (2018-2029)

7.3.4 Canada Market Size and Forecast (2018-2029)

7.3.5 Mexico Market Size and Forecast (2018-2029)

8 EUROPE

8.1 Europe Pulsed Electromagnetic Field (PEMF) Machines Sales Quantity by Type (2018-2029)

8.2 Europe Pulsed Electromagnetic Field (PEMF) Machines Sales Quantity by Application (2018-2029)

8.3 Europe Pulsed Electromagnetic Field (PEMF) Machines Market Size by Country

8.3.1 Europe Pulsed Electromagnetic Field (PEMF) Machines Sales Quantity by Country (2018-2029)

8.3.2 Europe Pulsed Electromagnetic Field (PEMF) Machines Consumption Value by Country (2018-2029)

8.3.3 Germany Market Size and Forecast (2018-2029)

8.3.4 France Market Size and Forecast (2018-2029)

8.3.5 United Kingdom Market Size and Forecast (2018-2029)

8.3.6 Russia Market Size and Forecast (2018-2029)

8.3.7 Italy Market Size and Forecast (2018-2029)

9 ASIA-PACIFIC



9.1 Asia-Pacific Pulsed Electromagnetic Field (PEMF) Machines Sales Quantity by Type (2018-2029)

9.2 Asia-Pacific Pulsed Electromagnetic Field (PEMF) Machines Sales Quantity by Application (2018-2029)

9.3 Asia-Pacific Pulsed Electromagnetic Field (PEMF) Machines Market Size by Region

9.3.1 Asia-Pacific Pulsed Electromagnetic Field (PEMF) Machines Sales Quantity by Region (2018-2029)

9.3.2 Asia-Pacific Pulsed Electromagnetic Field (PEMF) Machines Consumption Value by Region (2018-2029)

9.3.3 China Market Size and Forecast (2018-2029)

9.3.4 Japan Market Size and Forecast (2018-2029)

9.3.5 Korea Market Size and Forecast (2018-2029)

9.3.6 India Market Size and Forecast (2018-2029)

9.3.7 Southeast Asia Market Size and Forecast (2018-2029)

9.3.8 Australia Market Size and Forecast (2018-2029)

10 SOUTH AMERICA

10.1 South America Pulsed Electromagnetic Field (PEMF) Machines Sales Quantity by Type (2018-2029)

10.2 South America Pulsed Electromagnetic Field (PEMF) Machines Sales Quantity by Application (2018-2029)

10.3 South America Pulsed Electromagnetic Field (PEMF) Machines Market Size by Country

10.3.1 South America Pulsed Electromagnetic Field (PEMF) Machines Sales Quantity by Country (2018-2029)

10.3.2 South America Pulsed Electromagnetic Field (PEMF) Machines Consumption Value by Country (2018-2029)

10.3.3 Brazil Market Size and Forecast (2018-2029)

10.3.4 Argentina Market Size and Forecast (2018-2029)

11 MIDDLE EAST & AFRICA

11.1 Middle East & Africa Pulsed Electromagnetic Field (PEMF) Machines Sales Quantity by Type (2018-2029)

11.2 Middle East & Africa Pulsed Electromagnetic Field (PEMF) Machines Sales Quantity by Application (2018-2029)

11.3 Middle East & Africa Pulsed Electromagnetic Field (PEMF) Machines Market Size by Country



11.3.1 Middle East & Africa Pulsed Electromagnetic Field (PEMF) Machines Sales Quantity by Country (2018-2029)

11.3.2 Middle East & Africa Pulsed Electromagnetic Field (PEMF) Machines Consumption Value by Country (2018-2029)

- 11.3.3 Turkey Market Size and Forecast (2018-2029)
- 11.3.4 Egypt Market Size and Forecast (2018-2029)
- 11.3.5 Saudi Arabia Market Size and Forecast (2018-2029)
- 11.3.6 South Africa Market Size and Forecast (2018-2029)

12 MARKET DYNAMICS

- 12.1 Pulsed Electromagnetic Field (PEMF) Machines Market Drivers
- 12.2 Pulsed Electromagnetic Field (PEMF) Machines Market Restraints
- 12.3 Pulsed Electromagnetic Field (PEMF) Machines Trends Analysis
- 12.4 Porters Five Forces Analysis
- 12.4.1 Threat of New Entrants
- 12.4.2 Bargaining Power of Suppliers
- 12.4.3 Bargaining Power of Buyers
- 12.4.4 Threat of Substitutes
- 12.4.5 Competitive Rivalry
- 12.5 Influence of COVID-19 and Russia-Ukraine War
 - 12.5.1 Influence of COVID-19
- 12.5.2 Influence of Russia-Ukraine War

13 RAW MATERIAL AND INDUSTRY CHAIN

13.1 Raw Material of Pulsed Electromagnetic Field (PEMF) Machines and Key Manufacturers

13.2 Manufacturing Costs Percentage of Pulsed Electromagnetic Field (PEMF) Machines

- 13.3 Pulsed Electromagnetic Field (PEMF) Machines Production Process
- 13.4 Pulsed Electromagnetic Field (PEMF) Machines Industrial Chain

14 SHIPMENTS BY DISTRIBUTION CHANNEL

- 14.1 Sales Channel
 - 14.1.1 Direct to End-User
 - 14.1.2 Distributors
- 14.2 Pulsed Electromagnetic Field (PEMF) Machines Typical Distributors



14.3 Pulsed Electromagnetic Field (PEMF) Machines Typical Customers

15 RESEARCH FINDINGS AND CONCLUSION

16 APPENDIX

- 16.1 Methodology
- 16.2 Research Process and Data Source
- 16.3 Disclaimer



List Of Tables

LIST OF TABLES

Table 1. Global Pulsed Electromagnetic Field (PEMF) Machines Consumption Value by Type, (USD Million), 2018 & 2022 & 2029

Table 2. Global Pulsed Electromagnetic Field (PEMF) Machines Consumption Value by Application, (USD Million), 2018 & 2022 & 2029

Table 3. Orthofix Holdings Basic Information, Manufacturing Base and Competitors

Table 4. Orthofix Holdings Major Business

Table 5. Orthofix Holdings Pulsed Electromagnetic Field (PEMF) Machines Product and Services

Table 6. Orthofix Holdings Pulsed Electromagnetic Field (PEMF) Machines Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 7. Orthofix Holdings Recent Developments/Updates

Table 8. BEMER Basic Information, Manufacturing Base and Competitors

Table 9. BEMER Major Business

Table 10. BEMER Pulsed Electromagnetic Field (PEMF) Machines Product and Services

Table 11. BEMER Pulsed Electromagnetic Field (PEMF) Machines Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 12. BEMER Recent Developments/Updates

Table 13. Dolphin MPS Basic Information, Manufacturing Base and Competitors

Table 14. Dolphin MPS Major Business

Table 15. Dolphin MPS Pulsed Electromagnetic Field (PEMF) Machines Product and Services

Table 16. Dolphin MPS Pulsed Electromagnetic Field (PEMF) Machines Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 17. Dolphin MPS Recent Developments/Updates

Table 18. Curatronic Basic Information, Manufacturing Base and Competitors

Table 19. Curatronic Major Business

Table 20. Curatronic Pulsed Electromagnetic Field (PEMF) Machines Product and Services

Table 21. Curatronic Pulsed Electromagnetic Field (PEMF) Machines Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Global Pulsed Electromagnetic Field (PEMF) Machines Market 2023 by Manufacturers, Regions, Type and Applicatio...



Table 22. Curatronic Recent Developments/Updates

Table 23. Swiss Bionic Solutions Basic Information, Manufacturing Base and Competitors

Table 24. Swiss Bionic Solutions Major Business

Table 25. Swiss Bionic Solutions Pulsed Electromagnetic Field (PEMF) Machines Product and Services

Table 26. Swiss Bionic Solutions Pulsed Electromagnetic Field (PEMF) Machines Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 27. Swiss Bionic Solutions Recent Developments/Updates

Table 28. ORIN Basic Information, Manufacturing Base and Competitors

Table 29. ORIN Major Business

Table 30. ORIN Pulsed Electromagnetic Field (PEMF) Machines Product and Services Table 31. ORIN Pulsed Electromagnetic Field (PEMF) Machines Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 32. ORIN Recent Developments/Updates

Table 33. OMI Basic Information, Manufacturing Base and Competitors

Table 34. OMI Major Business

Table 35. OMI Pulsed Electromagnetic Field (PEMF) Machines Product and Services

Table 36. OMI Pulsed Electromagnetic Field (PEMF) Machines Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 37. OMI Recent Developments/Updates

Table 38. HealthyLine Basic Information, Manufacturing Base and Competitors

Table 39. HealthyLine Major Business

Table 40. HealthyLine Pulsed Electromagnetic Field (PEMF) Machines Product and Services

Table 41. HealthyLine Pulsed Electromagnetic Field (PEMF) Machines Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 42. HealthyLine Recent Developments/Updates

Table 43. Medithera GmbH Basic Information, Manufacturing Base and Competitors Table 44. Medithera GmbH Major Business

Table 45. Medithera GmbH Pulsed Electromagnetic Field (PEMF) Machines Product and Services

Table 46. Medithera GmbH Pulsed Electromagnetic Field (PEMF) Machines Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)



Table 47. Medithera GmbH Recent Developments/Updates

Table 48. Earth Pulse Basic Information, Manufacturing Base and Competitors

Table 49. Earth Pulse Major Business

Table 50. Earth Pulse Pulsed Electromagnetic Field (PEMF) Machines Product and Services

Table 51. Earth Pulse Pulsed Electromagnetic Field (PEMF) Machines Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 52. Earth Pulse Recent Developments/Updates

Table 53. Itech Medical Division Basic Information, Manufacturing Base and Competitors

Table 54. Itech Medical Division Major Business

Table 55. Itech Medical Division Pulsed Electromagnetic Field (PEMF) Machines Product and Services

Table 56. Itech Medical Division Pulsed Electromagnetic Field (PEMF) Machines Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 57. Itech Medical Division Recent Developments/Updates

Table 58. NiuDeSai Basic Information, Manufacturing Base and Competitors

Table 59. NiuDeSai Major Business

Table 60. NiuDeSai Pulsed Electromagnetic Field (PEMF) Machines Product and Services

Table 61. NiuDeSai Pulsed Electromagnetic Field (PEMF) Machines Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 62. NiuDeSai Recent Developments/Updates

 Table 63. Banglijian Basic Information, Manufacturing Base and Competitors

Table 64. Banglijian Major Business

Table 65. Banglijian Pulsed Electromagnetic Field (PEMF) Machines Product and Services

Table 66. Banglijian Pulsed Electromagnetic Field (PEMF) Machines Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 67. Banglijian Recent Developments/Updates

 Table 68. Green Sea Basic Information, Manufacturing Base and Competitors

Table 69. Green Sea Major Business

Table 70. Green Sea Pulsed Electromagnetic Field (PEMF) Machines Product and Services

Table 71. Green Sea Pulsed Electromagnetic Field (PEMF) Machines Sales Quantity



(Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 72. Green Sea Recent Developments/Updates

Table 73. Global Pulsed Electromagnetic Field (PEMF) Machines Sales Quantity by Manufacturer (2018-2023) & (Units)

Table 74. Global Pulsed Electromagnetic Field (PEMF) Machines Revenue by Manufacturer (2018-2023) & (USD Million)

Table 75. Global Pulsed Electromagnetic Field (PEMF) Machines Average Price by Manufacturer (2018-2023) & (US\$/Unit)

Table 76. Market Position of Manufacturers in Pulsed Electromagnetic Field (PEMF) Machines, (Tier 1, Tier 2, and Tier 3), Based on Consumption Value in 2022

Table 77. Head Office and Pulsed Electromagnetic Field (PEMF) Machines Production Site of Key Manufacturer

Table 78. Pulsed Electromagnetic Field (PEMF) Machines Market: Company ProductType Footprint

Table 79. Pulsed Electromagnetic Field (PEMF) Machines Market: Company ProductApplication Footprint

Table 80. Pulsed Electromagnetic Field (PEMF) Machines New Market Entrants and Barriers to Market Entry

Table 81. Pulsed Electromagnetic Field (PEMF) Machines Mergers, Acquisition,

Agreements, and Collaborations

Table 82. Global Pulsed Electromagnetic Field (PEMF) Machines Sales Quantity by Region (2018-2023) & (Units)

Table 83. Global Pulsed Electromagnetic Field (PEMF) Machines Sales Quantity by Region (2024-2029) & (Units)

Table 84. Global Pulsed Electromagnetic Field (PEMF) Machines Consumption Value by Region (2018-2023) & (USD Million)

Table 85. Global Pulsed Electromagnetic Field (PEMF) Machines Consumption Value by Region (2024-2029) & (USD Million)

Table 86. Global Pulsed Electromagnetic Field (PEMF) Machines Average Price by Region (2018-2023) & (US\$/Unit)

Table 87. Global Pulsed Electromagnetic Field (PEMF) Machines Average Price by Region (2024-2029) & (US\$/Unit)

Table 88. Global Pulsed Electromagnetic Field (PEMF) Machines Sales Quantity by Type (2018-2023) & (Units)

Table 89. Global Pulsed Electromagnetic Field (PEMF) Machines Sales Quantity by Type (2024-2029) & (Units)

Table 90. Global Pulsed Electromagnetic Field (PEMF) Machines Consumption Value by Type (2018-2023) & (USD Million)



Table 91. Global Pulsed Electromagnetic Field (PEMF) Machines Consumption Value by Type (2024-2029) & (USD Million)

Table 92. Global Pulsed Electromagnetic Field (PEMF) Machines Average Price by Type (2018-2023) & (US\$/Unit)

Table 93. Global Pulsed Electromagnetic Field (PEMF) Machines Average Price by Type (2024-2029) & (US\$/Unit)

Table 94. Global Pulsed Electromagnetic Field (PEMF) Machines Sales Quantity by Application (2018-2023) & (Units)

Table 95. Global Pulsed Electromagnetic Field (PEMF) Machines Sales Quantity by Application (2024-2029) & (Units)

Table 96. Global Pulsed Electromagnetic Field (PEMF) Machines Consumption Value by Application (2018-2023) & (USD Million)

Table 97. Global Pulsed Electromagnetic Field (PEMF) Machines Consumption Value by Application (2024-2029) & (USD Million)

Table 98. Global Pulsed Electromagnetic Field (PEMF) Machines Average Price by Application (2018-2023) & (US\$/Unit)

Table 99. Global Pulsed Electromagnetic Field (PEMF) Machines Average Price by Application (2024-2029) & (US\$/Unit)

Table 100. North America Pulsed Electromagnetic Field (PEMF) Machines Sales Quantity by Type (2018-2023) & (Units)

Table 101. North America Pulsed Electromagnetic Field (PEMF) Machines Sales Quantity by Type (2024-2029) & (Units)

Table 102. North America Pulsed Electromagnetic Field (PEMF) Machines Sales Quantity by Application (2018-2023) & (Units)

Table 103. North America Pulsed Electromagnetic Field (PEMF) Machines Sales Quantity by Application (2024-2029) & (Units)

Table 104. North America Pulsed Electromagnetic Field (PEMF) Machines Sales Quantity by Country (2018-2023) & (Units)

Table 105. North America Pulsed Electromagnetic Field (PEMF) Machines Sales Quantity by Country (2024-2029) & (Units)

Table 106. North America Pulsed Electromagnetic Field (PEMF) Machines Consumption Value by Country (2018-2023) & (USD Million)

Table 107. North America Pulsed Electromagnetic Field (PEMF) Machines Consumption Value by Country (2024-2029) & (USD Million)

Table 108. Europe Pulsed Electromagnetic Field (PEMF) Machines Sales Quantity by Type (2018-2023) & (Units)

Table 109. Europe Pulsed Electromagnetic Field (PEMF) Machines Sales Quantity by Type (2024-2029) & (Units)

Table 110. Europe Pulsed Electromagnetic Field (PEMF) Machines Sales Quantity by



Application (2018-2023) & (Units)

Table 111. Europe Pulsed Electromagnetic Field (PEMF) Machines Sales Quantity by Application (2024-2029) & (Units)

Table 112. Europe Pulsed Electromagnetic Field (PEMF) Machines Sales Quantity by Country (2018-2023) & (Units)

Table 113. Europe Pulsed Electromagnetic Field (PEMF) Machines Sales Quantity by Country (2024-2029) & (Units)

Table 114. Europe Pulsed Electromagnetic Field (PEMF) Machines Consumption Value by Country (2018-2023) & (USD Million)

Table 115. Europe Pulsed Electromagnetic Field (PEMF) Machines Consumption Value by Country (2024-2029) & (USD Million)

Table 116. Asia-Pacific Pulsed Electromagnetic Field (PEMF) Machines Sales Quantity by Type (2018-2023) & (Units)

Table 117. Asia-Pacific Pulsed Electromagnetic Field (PEMF) Machines Sales Quantity by Type (2024-2029) & (Units)

Table 118. Asia-Pacific Pulsed Electromagnetic Field (PEMF) Machines Sales Quantity by Application (2018-2023) & (Units)

Table 119. Asia-Pacific Pulsed Electromagnetic Field (PEMF) Machines Sales Quantity by Application (2024-2029) & (Units)

Table 120. Asia-Pacific Pulsed Electromagnetic Field (PEMF) Machines Sales Quantity by Region (2018-2023) & (Units)

Table 121. Asia-Pacific Pulsed Electromagnetic Field (PEMF) Machines Sales Quantity by Region (2024-2029) & (Units)

Table 122. Asia-Pacific Pulsed Electromagnetic Field (PEMF) Machines Consumption Value by Region (2018-2023) & (USD Million)

Table 123. Asia-Pacific Pulsed Electromagnetic Field (PEMF) Machines Consumption Value by Region (2024-2029) & (USD Million)

Table 124. South America Pulsed Electromagnetic Field (PEMF) Machines Sales Quantity by Type (2018-2023) & (Units)

Table 125. South America Pulsed Electromagnetic Field (PEMF) Machines Sales Quantity by Type (2024-2029) & (Units)

Table 126. South America Pulsed Electromagnetic Field (PEMF) Machines Sales Quantity by Application (2018-2023) & (Units)

Table 127. South America Pulsed Electromagnetic Field (PEMF) Machines Sales Quantity by Application (2024-2029) & (Units)

Table 128. South America Pulsed Electromagnetic Field (PEMF) Machines Sales Quantity by Country (2018-2023) & (Units)

Table 129. South America Pulsed Electromagnetic Field (PEMF) Machines SalesQuantity by Country (2024-2029) & (Units)



Table 130. South America Pulsed Electromagnetic Field (PEMF) Machines Consumption Value by Country (2018-2023) & (USD Million) Table 131. South America Pulsed Electromagnetic Field (PEMF) Machines Consumption Value by Country (2024-2029) & (USD Million) Table 132. Middle East & Africa Pulsed Electromagnetic Field (PEMF) Machines Sales Quantity by Type (2018-2023) & (Units) Table 133. Middle East & Africa Pulsed Electromagnetic Field (PEMF) Machines Sales Quantity by Type (2024-2029) & (Units) Table 134. Middle East & Africa Pulsed Electromagnetic Field (PEMF) Machines Sales Quantity by Application (2018-2023) & (Units) Table 135. Middle East & Africa Pulsed Electromagnetic Field (PEMF) Machines Sales Quantity by Application (2024-2029) & (Units) Table 136. Middle East & Africa Pulsed Electromagnetic Field (PEMF) Machines Sales Quantity by Region (2018-2023) & (Units) Table 137. Middle East & Africa Pulsed Electromagnetic Field (PEMF) Machines Sales Quantity by Region (2024-2029) & (Units) Table 138. Middle East & Africa Pulsed Electromagnetic Field (PEMF) Machines Consumption Value by Region (2018-2023) & (USD Million) Table 139. Middle East & Africa Pulsed Electromagnetic Field (PEMF) Machines Consumption Value by Region (2024-2029) & (USD Million) Table 140. Pulsed Electromagnetic Field (PEMF) Machines Raw Material Table 141. Key Manufacturers of Pulsed Electromagnetic Field (PEMF) Machines Raw Materials Table 142. Pulsed Electromagnetic Field (PEMF) Machines Typical Distributors Table 143. Pulsed Electromagnetic Field (PEMF) Machines Typical Customers



List Of Figures

LIST OF FIGURES

Figure 1. Pulsed Electromagnetic Field (PEMF) Machines Picture Figure 2. Global Pulsed Electromagnetic Field (PEMF) Machines Consumption Value by Type, (USD Million), 2018 & 2022 & 2029 Figure 3. Global Pulsed Electromagnetic Field (PEMF) Machines Consumption Value Market Share by Type in 2022 Figure 4. High Frequency Examples Figure 5. Low Frequency Examples Figure 6. Global Pulsed Electromagnetic Field (PEMF) Machines Consumption Value by Application, (USD Million), 2018 & 2022 & 2029 Figure 7. Global Pulsed Electromagnetic Field (PEMF) Machines Consumption Value Market Share by Application in 2022 Figure 8. Hospitals Examples Figure 9. Specialty Clinics Examples Figure 10. Global Pulsed Electromagnetic Field (PEMF) Machines Consumption Value, (USD Million): 2018 & 2022 & 2029 Figure 11. Global Pulsed Electromagnetic Field (PEMF) Machines Consumption Value and Forecast (2018-2029) & (USD Million) Figure 12. Global Pulsed Electromagnetic Field (PEMF) Machines Sales Quantity (2018-2029) & (Units) Figure 13. Global Pulsed Electromagnetic Field (PEMF) Machines Average Price (2018-2029) & (US\$/Unit) Figure 14. Global Pulsed Electromagnetic Field (PEMF) Machines Sales Quantity Market Share by Manufacturer in 2022 Figure 15. Global Pulsed Electromagnetic Field (PEMF) Machines Consumption Value Market Share by Manufacturer in 2022 Figure 16. Producer Shipments of Pulsed Electromagnetic Field (PEMF) Machines by Manufacturer Sales Quantity (\$MM) and Market Share (%): 2021 Figure 17. Top 3 Pulsed Electromagnetic Field (PEMF) Machines Manufacturer (Consumption Value) Market Share in 2022 Figure 18. Top 6 Pulsed Electromagnetic Field (PEMF) Machines Manufacturer (Consumption Value) Market Share in 2022 Figure 19. Global Pulsed Electromagnetic Field (PEMF) Machines Sales Quantity Market Share by Region (2018-2029) Figure 20. Global Pulsed Electromagnetic Field (PEMF) Machines Consumption Value Market Share by Region (2018-2029)



Figure 21. North America Pulsed Electromagnetic Field (PEMF) Machines Consumption Value (2018-2029) & (USD Million)

Figure 22. Europe Pulsed Electromagnetic Field (PEMF) Machines Consumption Value (2018-2029) & (USD Million)

Figure 23. Asia-Pacific Pulsed Electromagnetic Field (PEMF) Machines Consumption Value (2018-2029) & (USD Million)

Figure 24. South America Pulsed Electromagnetic Field (PEMF) Machines Consumption Value (2018-2029) & (USD Million)

Figure 25. Middle East & Africa Pulsed Electromagnetic Field (PEMF) Machines Consumption Value (2018-2029) & (USD Million)

Figure 26. Global Pulsed Electromagnetic Field (PEMF) Machines Sales Quantity Market Share by Type (2018-2029)

Figure 27. Global Pulsed Electromagnetic Field (PEMF) Machines Consumption Value Market Share by Type (2018-2029)

Figure 28. Global Pulsed Electromagnetic Field (PEMF) Machines Average Price by Type (2018-2029) & (US\$/Unit)

Figure 29. Global Pulsed Electromagnetic Field (PEMF) Machines Sales Quantity Market Share by Application (2018-2029)

Figure 30. Global Pulsed Electromagnetic Field (PEMF) Machines Consumption Value Market Share by Application (2018-2029)

Figure 31. Global Pulsed Electromagnetic Field (PEMF) Machines Average Price by Application (2018-2029) & (US\$/Unit)

Figure 32. North America Pulsed Electromagnetic Field (PEMF) Machines Sales Quantity Market Share by Type (2018-2029)

Figure 33. North America Pulsed Electromagnetic Field (PEMF) Machines Sales Quantity Market Share by Application (2018-2029)

Figure 34. North America Pulsed Electromagnetic Field (PEMF) Machines Sales Quantity Market Share by Country (2018-2029)

Figure 35. North America Pulsed Electromagnetic Field (PEMF) Machines Consumption Value Market Share by Country (2018-2029)

Figure 36. United States Pulsed Electromagnetic Field (PEMF) Machines Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 37. Canada Pulsed Electromagnetic Field (PEMF) Machines Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 38. Mexico Pulsed Electromagnetic Field (PEMF) Machines Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 39. Europe Pulsed Electromagnetic Field (PEMF) Machines Sales Quantity Market Share by Type (2018-2029)

Figure 40. Europe Pulsed Electromagnetic Field (PEMF) Machines Sales Quantity



Market Share by Application (2018-2029) Figure 41. Europe Pulsed Electromagnetic Field (PEMF) Machines Sales Quantity Market Share by Country (2018-2029) Figure 42. Europe Pulsed Electromagnetic Field (PEMF) Machines Consumption Value Market Share by Country (2018-2029) Figure 43. Germany Pulsed Electromagnetic Field (PEMF) Machines Consumption Value and Growth Rate (2018-2029) & (USD Million) Figure 44. France Pulsed Electromagnetic Field (PEMF) Machines Consumption Value and Growth Rate (2018-2029) & (USD Million) Figure 45. United Kingdom Pulsed Electromagnetic Field (PEMF) Machines Consumption Value and Growth Rate (2018-2029) & (USD Million) Figure 46. Russia Pulsed Electromagnetic Field (PEMF) Machines Consumption Value and Growth Rate (2018-2029) & (USD Million) Figure 47. Italy Pulsed Electromagnetic Field (PEMF) Machines Consumption Value and Growth Rate (2018-2029) & (USD Million) Figure 48. Asia-Pacific Pulsed Electromagnetic Field (PEMF) Machines Sales Quantity Market Share by Type (2018-2029) Figure 49. Asia-Pacific Pulsed Electromagnetic Field (PEMF) Machines Sales Quantity Market Share by Application (2018-2029) Figure 50. Asia-Pacific Pulsed Electromagnetic Field (PEMF) Machines Sales Quantity Market Share by Region (2018-2029) Figure 51. Asia-Pacific Pulsed Electromagnetic Field (PEMF) Machines Consumption Value Market Share by Region (2018-2029) Figure 52. China Pulsed Electromagnetic Field (PEMF) Machines Consumption Value and Growth Rate (2018-2029) & (USD Million) Figure 53. Japan Pulsed Electromagnetic Field (PEMF) Machines Consumption Value and Growth Rate (2018-2029) & (USD Million) Figure 54. Korea Pulsed Electromagnetic Field (PEMF) Machines Consumption Value and Growth Rate (2018-2029) & (USD Million) Figure 55. India Pulsed Electromagnetic Field (PEMF) Machines Consumption Value and Growth Rate (2018-2029) & (USD Million) Figure 56. Southeast Asia Pulsed Electromagnetic Field (PEMF) Machines Consumption Value and Growth Rate (2018-2029) & (USD Million) Figure 57. Australia Pulsed Electromagnetic Field (PEMF) Machines Consumption Value and Growth Rate (2018-2029) & (USD Million) Figure 58. South America Pulsed Electromagnetic Field (PEMF) Machines Sales Quantity Market Share by Type (2018-2029) Figure 59. South America Pulsed Electromagnetic Field (PEMF) Machines Sales Quantity Market Share by Application (2018-2029)



Figure 60. South America Pulsed Electromagnetic Field (PEMF) Machines Sales Quantity Market Share by Country (2018-2029) Figure 61. South America Pulsed Electromagnetic Field (PEMF) Machines Consumption Value Market Share by Country (2018-2029) Figure 62. Brazil Pulsed Electromagnetic Field (PEMF) Machines Consumption Value and Growth Rate (2018-2029) & (USD Million) Figure 63. Argentina Pulsed Electromagnetic Field (PEMF) Machines Consumption Value and Growth Rate (2018-2029) & (USD Million) Figure 64. Middle East & Africa Pulsed Electromagnetic Field (PEMF) Machines Sales Quantity Market Share by Type (2018-2029) Figure 65. Middle East & Africa Pulsed Electromagnetic Field (PEMF) Machines Sales Quantity Market Share by Application (2018-2029) Figure 66. Middle East & Africa Pulsed Electromagnetic Field (PEMF) Machines Sales Quantity Market Share by Region (2018-2029) Figure 67. Middle East & Africa Pulsed Electromagnetic Field (PEMF) Machines Consumption Value Market Share by Region (2018-2029) Figure 68. Turkey Pulsed Electromagnetic Field (PEMF) Machines Consumption Value and Growth Rate (2018-2029) & (USD Million) Figure 69. Egypt Pulsed Electromagnetic Field (PEMF) Machines Consumption Value and Growth Rate (2018-2029) & (USD Million) Figure 70. Saudi Arabia Pulsed Electromagnetic Field (PEMF) Machines Consumption Value and Growth Rate (2018-2029) & (USD Million) Figure 71. South Africa Pulsed Electromagnetic Field (PEMF) Machines Consumption Value and Growth Rate (2018-2029) & (USD Million) Figure 72. Pulsed Electromagnetic Field (PEMF) Machines Market Drivers Figure 73. Pulsed Electromagnetic Field (PEMF) Machines Market Restraints Figure 74. Pulsed Electromagnetic Field (PEMF) Machines Market Trends Figure 75. Porters Five Forces Analysis Figure 76. Manufacturing Cost Structure Analysis of Pulsed Electromagnetic Field (PEMF) Machines in 2022 Figure 77. Manufacturing Process Analysis of Pulsed Electromagnetic Field (PEMF) Machines Figure 78. Pulsed Electromagnetic Field (PEMF) Machines Industrial Chain Figure 79. Sales Quantity Channel: Direct to End-User vs Distributors Figure 80. Direct Channel Pros & Cons Figure 81. Indirect Channel Pros & Cons Figure 82. Methodology Figure 83. Research Process and Data Source



I would like to order

Product name: Global Pulsed Electromagnetic Field (PEMF) Machines Market 2023 by Manufacturers, Regions, Type and Application, Forecast to 2029 Product link: https://marketpublishers.com/r/GEEC90E3E733EN.html Price: US\$ 3,480.00 (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/GEEC90E3E733EN.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



Global Pulsed Electromagnetic Field (PEMF) Machines Market 2023 by Manufacturers, Regions, Type and Applicatio...