

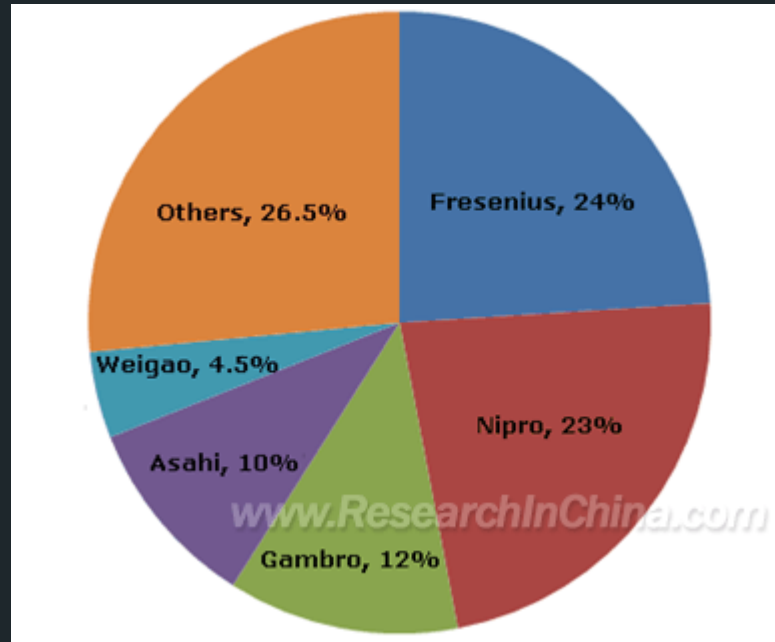
# China Hemodialysis Industry Report, 2009-2010



In 2009, China's hemodialysis equipment market scale reached RMB1.06 billion, representing less than 2% of the world's total. There are only 10-15% patients suffering end-stage renal failure accepting dialysis therapy, lagging far behind the 95% in developed countries and indicating considerable market potential.

Chinese hemodialysis equipment manufacturers as latecomers feature underdeveloped technology and poor competitiveness, resulting in the low market occupancy. At present, China imports over 90% of the hemodialysis equipment such as dialysis machines, dialysers and blood tubing sets from Europe and Japan. Take hemodialyzer for example, four foreign enterprises – Germany-based Fresenius, Japan-based Nipro and Asahi, Sweden-based Gambro - held a lion's share of 69% in Chinese market in 2009, while the largest domestic enterprise – Shandong Weigao - only occupied 4.5%.

## Market Share of Hemodialyzer Manufacturers in China by Sales Value, 2009



Source: ResearchInChina

This report not only highlights the status quo, competition pattern and development trend of the hemodialysis industry and market segments, but elaborates on the operation and prospect of five foreign hemodialysis equipment manufacturers including Germany-based Fresenius, Japan-based Nikkiso and Asahi, America-based Baxter International and Sweden-based Gambro as well as several large-scale domestic hemodialysis equipment manufacturers.

An overwhelming majority of Chinese enterprises focus on making products with low technological content such as blood tubing set and dislysate, while few enterprises are engaged in the production of high-end dialyzers and dialysis machines.

Shandong Weigao is a leading domestic enterprise in China's dialyzer market. In April 2010, Weigao collaborated with Nikkiso to develop and sell dialysis machines. Guangzhou Jihua Medical Apparatus and Instruments, the only domestic manufacturer specializing in the mass production of hemodialysis machines, ranked the first place in terms of export value during January-August, 2010.

Bain Medical Equipment (Guangzhou) is a professional supplier of hemodialysis consumables, and also the largest blood tubing set supplier in China. In August 2008, Bain began to provide OEM service for Asahi Kasei Kuraray Medical, making itself one of the few enterprises providing OEM service for mid-and high-end products of world-renowned medical device enterprises.

Beijing United Jie Ran Bio-Tech is a domestic manufacturer specializing in the production of hemodialysis water and dialysis powder, and is the general agent of Germany-based B. Braun Group's hemodialysis products in North China. Jiangsu Lengthen Life Science and Technology is a competitive enterprise specializing in the production of hollow-fiber hemodialyzers, with an annual capacity of 3.4 million dialyzers.

# Table of Contents

- **1. Overview of Hemodialysis Industry**
  - 1.1 Definition and Classification
  - 1.2 Industry Chain
- **2. Chinese Hemodialysis Market**
  - 2.1 Global Development
  - 2.2 Domestic Development
  - 2.3 Policy Environment
  - 2.4 Competition Pattern
  - 2.5 Market Supply and Demand
  - 2.6 Market Prospect
    - 2.6.1 Increased Population Accepting Hemodialysis Therapy
    - 2.6.2 Stable Improvement in Dialysis Treatment Rate
- **3. China's Import and Export of Hemodialysis Equipment in 2010**
  - 3.1 Import
  - 3.2 Export
- **4. Hemodialysis Industry Segments**
  - 4.1 Dialyser
  - 4.2 Dialysis Machine
  - 4.3 Blood Tubing Set
  - 4.4 Dialysis Concentrate
  - 4.5 Peritoneal Dialysis Equipment
  - 4.6 Hemodialysis Machine for Family Use
- **5. Foreign Manufacturers**
  - 5.1 Fresenius Medical Care
    - 5.1.1 Profile
    - 5.1.2 Overall Operation
    - 5.1.3 Operation of Hemodialysis Business
    - 5.1.4 Development Trend
    - 5.1.5 Operation in China
  - 5.2 Nikkiso
    - 5.2.1 Profile
    - 5.2.2 Operation of Hemodialysis Business
    - 5.2.3 Operation in China

- 5.3 Baxter International
  - 5.3.1 Profile
  - 5.3.2 Operation of Hemodialysis Business
  - 5.3.3 Operation in China
- 5.4 Gambro
  - 5.4.1 Profile
  - 5.4.2 Operation
  - 5.4.3 Development Trend
  - 5.4.4 Operation in China
- 5.5 Asahi Kasei Corporation
  - 5.5.1 Profile
  - 5.5.2 Operation
  - 5.5.3 Operation of Hemodialysis Business
  - 5.5.4 Development Trend
  - 5.5.5 Operation in China
- **6. Domestic Manufacturers**
  - 6.1 Weigao
    - 6.1.1 Profile
    - 6.1.2 Overall Operation
    - 6.1.3 Operation of Hemodialysis Business
  - 6.2 Guangzhou Ji Hua Medical Apparatus and Instruments
    - 6.2.1 Profile
    - 6.2.2 Operation
    - 6.2.3 Development Trend
  - 6.3 Bain Medical Equipment (Guangzhou)
    - 6.3.1 Profile
    - 6.3.2 Operation
    - 6.3.3 Development Trend
  - 6.4 Beijing United Jie Ran Bio-Tech
    - 6.4.1 Profile
    - 6.4.2 Operation of Hemodialysis Business
  - 6.5 Jiangsu Lengthen Life Science and Technology
    - 6.5.1 Profile
    - 6.5.2 Operation of Hemodialysis Business
    - 6.5.3 Development Trend

# Selected Charts

- Hemodialysis Industry Chain
- Population suffering from End-stage Renal Disease and Population Accepting hemodialysis Therapy, 2001-2009
- Distribution of Population Accepting Hemodialysis Therapy and Growth Rate by Region, 2008
- Trade Deficit of Hemodialysis Machine in January-September, 2008-2010
- Market Shares of Domestic Manufacturers and Foreign Manufacturers in Hemodialysis Market by Sales Value, 2009
- Distribution of Hemodialysis Equipment Manufacturers by Region
- Market Scale of Hemodialysis Industry of China, 2009
- Positive Correlation between ESRD Patients/1 million People and Per Capita GDP
- Import Value of Hemodialysis Machine, 2005-2010
- Import Volume of Hemodialysis Machine in China, 2008-2010
- Proportion of Hemodialysis Machine Imported from Different Countries by Import Value, January-August 2010
- Top 10 Hemodialysis Equipment Importers by Value, January-August 2010
- Hemodialysis Equipment Importers by Region, January-August 2010
- Export Value of Hemodialysis Machine, 2005-2010
- Hemodialysis Equipment Exporters by Region, January-August 2010
- Proportion of Hemodialysis Machine Export Destinations by Export Value, January-August 2010
- Prices of Common Home-made and Import Dialysers, 2009
- Market Occupancy of Hemodialyzer Manufacturers in China by Sales Value, 2009
- Import & Export Value of Hemodialysis Machine in China, 2005-2010
- Comparison of Import & Export Prices of Hemodialysis Machine in China, 2008-2010

- Latest Small-Sized Hemodialysis Machines
- Five Branches of Fresenius Group
- Gross Operating Income and Total Profit of Fresenius Medical Care Worldwide, 2006-2010
- Hemodialysis Service Revenue and Growth Rate of Fresenius Medical Care Worldwide, 2008-2010
- Hemodialysis Product Revenue and Growth Rate of Fresenius Medical Care Worldwide, 2008-2010
- Operating Income and Proportion of Industrial Sector and Medical Sector under Nikkiso, FY2008-FY2009
- Operating Income and Total Profit of Nikkiso, 2005-2009
- Operating Income and Total Profit of Nikkiso in Asia, 2006-2010
- Three Business Sectors of Baxter International Worldwide
- Operating Income and Total Profit of Baxter International, 2006-2010
- Proportion of Peritoneal Dialysis Business
- Proportion of Peritoneal Dialysis Business Revenue to Total Revenue of Baxter International, 2007-2009
- Net Sales and Net Profit of Gambro, 2007-2009
- Nine Operating Companies and Main Businesses of Asahi
- Operating Income and Net profit of Asahi, 2005-2009
- Operating Income from Medical Sector and Industrial Sector of Nikkiso, FY2008-FY2009
- Operating Income and Profit from Health Care Sector of Asahi, FY2008-FY2009
- Operating Income and Profit of Asahi Kasei Medical (Hangzhou), 2007-2008
- Gross Operating Income and Total Profit of Weigao, 2006-2010
- Operating Income and Growth Rate of Hemodialysis Business of Weigao, 2006-2010
- Revenue and Proportion of Hemodialysis Business of Weigao, 2006-2010
- Operating Income and Total Profit of Beijing United Jie Ran Bio-Tech, 2007-2008

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