Description: Chronic kidney disease (CKD), namely chronic renal insufficiency or chronic renal failure, refers to chronic kidney structure and function disorder caused by various factors. According to GFR (Glomerular filtration rate) index, chronic kidney disease is divided into five stages. Once the CKD patients enter the fifth stage, namely end-stage renal disease (ESRD) commonly known as uremia, and the renal replacement therapy must be conducted.

Hemodialysis (HD) is one of the renal replacement therapy ways to treat acute or chronic renal failure patients. Presently, there are more than 2 million end-stage renal disease (ESRD) patients all over the world who choose the dialysis therapy, and about 90% of them receive hemodialysis. Because of the high hemodialysis expenses, the dialysis patients mainly concentrate in developed countries. ESRD patients on dialysis account for 10%-20% in developing countries, which is far lower than the 80% in developed countries. The population of dialysis patients is relatively small but fast-growing. In recent years, the annual growth rate of dialysis patients reached over 10% in China, India and Brazil, which was much higher compared to 3%-5% in developed countries.

With the increasing dialysis patients, the number of the global dialysis centers is correspondingly growing, of which the growth rate is consistent with that of dialysis patients. In 2015, the global dialysis centers were estimated to reach 38,000. On average, every dialysis center provided services to 70-80 patients. Based on the relatively high dialysis rate and the slow increase of dialysis patients, it is predicted that the new hemodialysis centers will be constructed in emerging markets of Asia-Pacific regions especially China. Presently, there are a large number of unsatisfied requirements, which will be the significant points of the future dialysis market.

Up to the end of 2015, China had the population of more than 1.37 billion, and ESRD patients surpassed 2 million. Unable to afford it, only a small proportion of end-stage renal disease patients can receive the dialysis therapy. There were 300,000 dialysis patients in China by the end of 2015. The overall dialysis treatment rate was estimated to reach 14%-15% in China, which was lower than the average global level of 38%-40%. It was far lower than the above 90% treatment rate in developed countries. Therefore, there were large development potentials in Chinese dialysis market.

With the improvement of Chinese medical care as well as the increasing income and payment ability of hemodialysis patients, the hemodialysis industry will develop rapidly in the future. Hemodialysis services mainly consist of dialyzers, dialysis consumables, dialysis drugs and labor services. Hemodialysis instruments include dialysis machines, dialyzers and dialysis pipelines. Dialyzers are core consumables with high technical barriers, which accounts for the largest market share. The market size in China exceeded CNY 5 billion while the domestic market share was approximately 30% in 2015. The market size of China's dialysis machines reached about CNY 3 billion in 2015, and the foreign capital brands accounted for 80% of the market share. The hemodialysis powder and fluid are important solvents in the process of hemodialysis. In spite of relatively low technical barriers, domestic enterprises account for over 90% of the market share thanks to the high transport cost (The reasonable transportation radius is no larger than 800 km) and policy barriers. In addition, the market competition is not fierce. Conventional hemodialysis medicines include EPO and heparin which are in general domestically produced. Service costs include costs of bed and health care labors.

Presently, the average hemodialysis expense is about 400-500 CNY for each treatment in China. The gross profit rate of the hemodialysis business can universally reach 30-40% or higher. Charges in public hospitals are generally higher than those of private hospitals, of which the gross profits can reach above 50%. According to the author there were about 4,000 hemodialysis centers in China up to the end of 2015.

In 2015, the hemodialysis market size exceeded CNY 20 billion with an increase of more than 15% in recent years. The global ESRD patients received hemodialysis treatment estimated to reach 4 million, and those in China will surpass 600,000 accounting for 15%. It is predicted that the overall market size of the hemodialysis industry will increase to over CNY 50 billion by 2020.

Through this report, the readers shall acquire the following information:
- Factors Influencing the Development of Hemodialysis Industry in China
- Analysis of Hemodialysis Industry Chain in China
- Analysis of Supply and Demand in China's Hemodialysis Industry
Key Enterprises in China's Hemodialysis Industry
Market Competition Status in China's Hemodialysis Industry
Driving Factors for Development of China's Hemodialysis Market
Forecast on Development of China's Hemodialysis Market

The Following Enterprises and People Are Recommended to Purchase This Report:
Medical Institutions
Manufacturers of Medical Equipment and Drugs
Investors and Research Institutions Concerned about Hemodialysis Industry

Contents:
1 Related Concepts of Hemodialysis Industry
  1.1 Definition
  1.2 Hemodialysis Equipment
    1.2.1 Hemodialysis Machine
    1.2.2 Water Treatment System
    1.2.3 Dialyzer
  1.3 Hemodialysis Drugs
    1.3.1 Hemodialysis Fluid
    1.3.2 Antianemia Drugs
    1.3.3 Anticoagulant
  1.4 Hemodialysis Services

2 Analysis and Forecast of Global Hemodialysis Market
  2.1 Dialysis Group
  2.2 Coverage Rate of Hemodialysis
  2.3 Hemodialysis Equipment Market
  2.4 Hemodialysis Service Market

3 Development Environment of Hemodialysis Industry in China, 2011-2020
  3.1 Economic Environment
    3.1.1 Macro Economy
    3.1.2 Resident Income
    3.1.3 Medical Industry
  3.2 Policy Environment
    3.2.1 Industry Policies
    3.2.2 Medicare Policies

  4.1 Analysis on Demand
    4.1.1 Demand Volume of ESRD Patients
    4.1.2 Actual Number of ESRD Patients Receiving Hemodialysis
    4.2.1 Market Size of Dialyzers
    4.2.2 Market Size of Hemodialysis Machines
  4.3 Market Size of Hemodialysis Drugs and Services
    4.3.1 Analysis on Costs of Drugs and Services
    4.3.2 Market Size of Hemodialysis Drugs

5 Competition Status of Hemodialysis Industry in China, 2011-2016
  5.1 Barriers to Entry
    5.1.1 Policy Barriers
    5.1.2 Capital Barriers
    5.1.3 Technical Barriers
  5.2 Competition Structure of the Industry
    5.2.1 Upstream Suppliers
    5.2.2 Downstream Customers
  5.2.3 Competition among Enterprises inner the Industry
  5.2.4 New Entrants
  5.2.5 Substitutes

6 Analysis on Import and Export of Hemodialysis Equipment and Drugs in China, 2011-2015
  6.1 Analysis of Import
6.1.1 Import of Dialyzers
6.1.2 Import of Dialysis Tubing
6.1.3 Import of Hemodialysis Fluid
6.2 Analysis of Export
6.2.1 Export of Dialyzers
6.2.2 Export of Dialysis Pipelines
6.2.3 Export of Hemodialysis Fluid

7 Key Enterprises in Hemodialysis industry, 2011-2016
7.1 Fresenius Medical Care
7.1.1 Enterprise Profile
7.1.2 Analysis of Operation Status
7.2 NIPRO Medical Corporation
7.2.1 Enterprise Profile
7.2.2 Analysis of Operation Status
7.3 Baxter International Inc.
7.3.1 Enterprise Profile
7.3.2 Analysis of Operation Status
7.4 Asahi Kasei Medical Co., Ltd.
7.4.1 Enterprise Profile
7.4.2 Analysis of Operation Status
7.5 Shandong Weigao Group Medical Polymer Co., Ltd.
7.5.1 Enterprise Profile
7.5.2 Analysis of Operation Status
7.6 SWS Hemodialysis Care Co., Ltd.
7.7 Guangdong Biolight Meditech Co., Ltd.
7.8 Sichuan Kelun Pharamceutical Co., Ltd.
7.9 Jihua Medical Apparatus & Instruments Co., Ltd. Guangzhou
7.10 Bain Medical Equipment (Guangzhou) Co., Ltd.
7.11 Zhuhai Hokai Medical Instruments Co., Ltd.

8 Prospect of Hemodialysis Industry in China, 2016-2020
8.1 Factors Influencing Development
8.1.1 Macro Economy
8.1.2 Government Policies
8.1.3 Major Driving Forces
8.2 Forecast on Supply
8.2.1 Forecast on Supply of Hemodialysis Equipment
8.2.2 Forecast on Supply of Hemodialysis Drugs and Services
8.3 Prediction on Demand
8.3.1 Prediction on Market Size
8.3.2 Forecast on Demand in Niche Markets
8.4 Recommendations on Development and Investment
8.4.1 Investment Opportunities
8.4.2 Development Proposals

Selected Charts
Chart Estimation of ESRD Dialysis Treatment Rate in Different Countries
Chart Global Market Pattern of Dialysis Equipment, 2015
Chart Total Medical Expenses in China, 2006-2015
Chart Market Size of Hemodialysis Services in China, 2011-2015
Chart Operation Status of Fresenius Medical Care, 2011-2015
Chart Operation Status of NIPRO Medical Corporation, 2011-2015
Chart Operation Status of Shandong Weigao Group Medical Polymer Co., Ltd., 2011-2015
Chart Output Volume of Hemodialysis Related Products in Guangdong Biolight Meditech Co., Ltd., 2013-2015
Chart Prediction on Market Size of Hemodialysis Services in China, 2016-2020
Chart Prediction on Market Size of Hemodialysis Drugs in China, 2016-2020
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