

# China Vacuum Blood Collection Industry Report, 2014-2017

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# **Abstracts**

The vacuum blood collection system consisting of vacuum blood collection tubes, disposable blood collection needles, tourniquets, etc transfers human venous blood to closed containers and makes it into specimens prior to blood analysis.

As a key integral part of the vacuum blood collection system, vacuum blood collection tubes get chiefly used for collection and preservation of blood specimens. In 2009-2013, the consumption of vacuum blood collection tubes in China presented a CAGR of 22.1%, and the figure in 2014 was estimated to reach 4.702 billion pcs, with the per capita use of 3.44 pcs/a.

Given the huge potentials of Chinese vacuum blood collection market, foreign giants represented by BD, Terumo and Sekisui Chemical have set up sole proprietorships or joint ventures in China, and occupied the high-end market in the country. At present, foreign brands account for only about 30% of the sales volume, but share up to 60% of the revenue.

Amonglocal Chinese companies - Improve Medical, Kehua Bio-engineering, Wego, Rich Science Industry, Liuyang Medical Instrument Factory, Gongdong Medical, etc., Improve Medical is the leader with higher annual capacity, namely 500 million blood collection tubes and 200 million blood collection needles. In 2014, Improve Medical achieved the revenue of RMB232 million from vacuum blood collection system with the sales volume of 496 million pcs.

Lured by the promising vacuum blood collection industry, Yuyue Medical, China Sun Pharmaceutical Machinery and other medical device manufacturers have tapped into the industry.



In 2012, Yuyue Medical invested additional RMB80 million in Suzhou Yuyue Medical for the capacity construction of vacuum blood collection tubes and Air purifiers. In 2013, it embarked on the R & D of vacuum blood collection tubes. In October 2012, China Sun Pharmaceutical Machinery pledged to lavish RMB154.3 million in building 10 production lines of vacuum blood collection tubes and blood collection needles; upon completion, it will be capable of producing 400 million germ-free glass vacuum blood collection tubes, 400 million sterile plastic vacuum blood collection tubes and 800 million blood collection needles annually.

The report covers the following aspects:

Overview of the global vacuum blood collection industry, involving development course, status quo, etc;

Overview of China vacuum blood collection industry, embracing status quo, relevant policies, barriers to entry, competition pattern, import and export, etc.;

Operation and vacuum blood collection system business of 12 Chinese companies and three foreign peers;

Forecast for China vacuum blood collection industry and operation comparison between main players.



## **Contents**

#### 1 OVERVIEW

- 1.1 Definition
- 1.2 Classification

#### 2 OVERVIEW OF GLOBAL VACUUM BLOOD COLLECTION INDUSTRY

- 2.1 Development Course
- 2.2 Status Quo

#### 3 OVERVIEW OF CHINA VACUUM BLOOD COLLECTION INDUSTRY

- 3.1 Status Quo
- 3.2 Relevant Policies
- 3.3 Barriers to Entry
- 3.4 Competition Pattern
- 3.5 Import and Export
  - 3.5.1 Import
  - 3.5.2 Export

#### **4 MAJOR CHINESE ENTERPRISES**

- 4.1Guangzhou Improve Medical Instruments
  - 4.1.1 Profile
  - 4.1.2 Operation
  - 4.1.3 Revenue Structure
  - 4.1.4 Gross Margin
  - 4.1.5 Vacuum Blood Collection System Business
  - 4.1.6 R & D
  - 4.1.7 Anticipation and Prospect
- 4.2 Shanghai Kehua Bio-Engineering
  - 4.2.1 Profile
  - 4.2.2 Operation
  - 4.2.3 Revenue Structure
  - 4.2.4 Gross Margin
  - 4.2.5 Vacuum Blood Collection System Business
  - 4.2.6 R & D



- 4.2.7 Anticipation and Prospect
- 4.3 Shandong Weigao Group Medical Polymer
  - 4.3.1 Profile
  - 4.3.2 Operation
  - 4.3.3 Revenue Structure
  - 4.3.4 Gross Margin
  - 4.3.5 Vacuum Blood Collection System Business
  - 4.3.6 R & D
  - 4.3.7 Customers
  - 4.3.8 Anticipation and Prospect
- 4.4 Chengdu Rich Science Industry
  - 4.4.1 Profile
  - 4.4.2 Operation
  - 4.4.3 Revenue Structure
  - 4.4.4 Gross Margin
  - 4.4.5 R & D
  - 4.4.6 Vacuum Blood Collection System Business
  - 4.4.7 Marketing and Procurement
  - 4.4.8 Anticipation and Prospect
- 4.5 HunanLiuyang Medical Instrument Factory
  - 4.5.1 Profile
  - 4.5.2 Vacuum Blood Collection System Business
- 4.6 Sekisui Medical Technology (China) Co., Ltd.
  - 4.6.1 Profile
  - 4.6.2 Vacuum Blood Collection System Business
- 4.7 Shanghai Kindly Enterprise Development Group
  - 4.7.1 Profile
  - 4.7.2 Vacuum Blood Collection System Business
- 4.8 WeihaiHongyu Medical Devices
  - 4.8.1 Profile
  - 4.8.2 Vacuum Blood Collection System Business
- 4.9 HunanChina Sun Pharmaceutical Machinery
  - 4.9.1 Profile
  - 4.9.2 Operation
  - 4.9.3 Revenue Structure
  - 4.9.4 Gross Margin
  - 4.9.5 Vacuum Blood Collection System Business
  - 4.9.6 R & D
  - 4.9.7 Anticipation and Prospect



- 4.10 Jiangsu Yuyue Medical Equipment & Supply
  - 4.10.1 Profile
  - 4.10.2 Operation
  - 4.10.3 Revenue Structure
  - 4.10.4 Gross Margin
  - 4.10.5 R & D
  - 4.10.6 Vacuum Blood Collection System Business
  - 4.10.7 Anticipation and Prospect
- 4.11 Other Enterprises
  - 4.11.1TianjinHanaco Medical
  - 4.11.2Zhejiang Gongdong Medical Technology

#### **5 MAJOR FOREIGN ENTERPRISES**

- 5.1 BD(Becton, Dickinson and Company)
  - 5.1.1 Profile
  - 5.1.2 Operation
  - 5.1.3 Revenue Structure
  - 5.1.4 Gross Margin
  - 5.1.5 Development in China
  - 5.1.6 Vacuum Blood Collection System Business
- 5.2 Terumo
  - 5.2.1 Profile
  - 5.2.2 Operation
  - 5.2.3 Revenue Structure
  - 5.2.4 R & D
  - 5.2.5 Development in China
  - 5.2.6 Vacuum Blood Collection System
- 5.3 Nipro
  - 5.3.1 Profile
  - 5.3.2 Operation
  - 5.3.3 Revenue Structure
  - 5.3.4 Vacuum Blood Collection System Business
  - 5.3.5 Development in China

#### **6 PREDICTION AND OUTLOOK**

- 6.1 Forecast for China Vacuum Blood Collection Industry
  - 6.1.1 Growth of Medical and Health Care Costs



- 6.1.2 Increase of Patient Number
- 6.1.3 Raised per Capita Income
- 6.1.4 Population Growth, Aging of Population
- 6.1.5 Further Improved Medical Insurance System
- 6.2 Operation Comparison between Main Enterprises
  - 6.2.1 Revenue
  - 6.2.2 Net Income
  - 6.2.3 Gross Margin
  - 6.2.4 Vacuum Blood Collection System Business



### **Selected Charts**

#### **SELECTED CHARTS**

Classification and Applications of Vacuum Blood Collection Tubes

Classification of Vacuum Blood Collection Tubes (by Cranial Color)

Development Characteristics of Vacuum Blood Collection System by Generation

Performance of Vacuum Blood Collection System by Generation

Consumption of Vacuum Blood Collection Tube in the World, 2005-2014

Consumption of Vacuum Blood Collection Tube in China, 2009-2014

Gap between Chinese and Foreign Enterprises in Vacuum Blood Collection Tube

Policies aboutChina Medical Device Industry, 2007-2014

China's Vacuum Blood Collection System Market Pattern

Sales Volume Structure of China Vacuum Blood Collection Industry (by Region), 2014

Revenue Structure of China Vacuum Blood Collection Industry (by Region), 2014

Capacity of Major Enterprises in China Vacuum Blood Collection Industry, 2014

Layout of Major Enterprises in China Vacuum Blood Collection Industry

Import Volume and Value of Other Needles, Catheters, Cannulas and Similar Supplies in China, 2012-2014

Top 10 Import Sources of Other Needles, Catheters, Cannulas and Similar Supplies in China by Import Volume, 2014

Export Volume and Value of Other Needles, Catheters, Cannulas and Similar Supplies in China, 2012-2014

Top 10 Export Destinations of Other Needles, Catheters, Cannulas and Similar Supplies in China by Export Volume, 2014

Revenue and Net Income of Improve Medical, 2010-2014

Revenue of Improve Medical (by Product), 2010-2014

Revenue Structure of Improve Medical (by Product), 2010-2014

Revenue of Improve Medical (by Region), 2010-2014

Revenue Structure of Improve Medical (by Region), 2010-2014

Gross Margin of Improve Medical, 2010-2014

Gross Margin of Improve Medical (by Product), 2010-2014

Gross Margin of Improve Medical (by Region), 2010-2014

Revenue and YoY Growth Rate of Vacuum Blood Collection System of Improve Medical, 2010-2014

R & D Costs and YoY Growth Rate of Improve Medical, 2011-2014

New Products of Improve Medical and Its Subsidiaries, 2014

Production and Marketing of Improve Medical, 2013-2014

Revenue and Net Income of Improve Medical, 2013-2017E



Product Structure of Kehua Bio-engineering

Revenue and Net Income of Kehua Bio-engineering, 2010-2014

Revenue of Kehua Bio-engineering (by Product), 2010-2014

Revenue Structure of Kehua Bio-engineering (by Product), 2010-2014

Revenue of Kehua Bio-engineering (by Region), 2010-2014

Revenue Structure of Kehua Bio-engineering (by Region), 2010-2014

Gross Margin of Kehua Bio-engineering, 2010-2014

Gross Margin of Kehua Bio-engineering (by Product), 2010-2014

Gross Margin of Kehua Bio-engineering (by Region), 2010-2014

Revenue and YoY Growth Rate of Vacuum Blood Collection System of Kehua Bioengineering, 2011-2014

R & D Costs and YoY Growth Rate of Kehua Bio-engineering, 2011-2014

New Products, Patents and CE Certifications of Kehua Bio-engineering, 2006-2014

Revenue and Net Income of Kehua Bio-engineering, 2013-2017E

Wego's Product Categories and Main Products

Wego's Revenue and Net Income, 2010-2014

Wego's Revenue (by Product), 2010-2014

Wego's Revenue Structure (by Product), 2010-2014

Revenue of Wego's Disposable Medical Supplies (by Product), 2012-2013

Wego's Revenue and YoY Growth Rate (by Region), 2013H1 vs 2014H1

Wego's Revenue Structure (by Region), 2014H1

Wego's Gross Margin, 2010-2014

Revenue and YoY Growth Rate of Wego's Blood Collection Products, 2010-2013

Wego's Patents and Registration Certificates, 2007-2013

Wego's R & D Costs and YoY Growth Rate, 2010-2014

Wego's Number of Customers (by Group), 2008-2014

Wego's Revenue and Net Income, 2012-2017E

Revenue and Net Income of Rich Science Industry, 2012-2014

Revenue of Rich Science Industry (by Product), 2012-2014

Revenue Structure of Rich Science Industry (by Product), 2012-2014

Revenue of Rich Science Industry (by Region), 2012-2014

Revenue Structure of Rich Science Industry (by Region), 2012-2014

Gross Margin of Rich Science Industry, 2012-2014

Gross Margin of Rich Science Industry (by Product), 2012-2014

Gross Margin of Rich Science Industry (by Region), 2012-2014

R & D Costs and % of Total Revenue of Rich Science Industry, 2012-2013

Vacuum Blood Collection System Revenue and % of Total Revenue of Rich Science Industry, 2012-2014

Top 5 Customers of Rich Science Industry by Revenue, 2012-2013



Top 5 Suppliers s of Rich Science Industry by Procurement, 2012-2013

Revenue and Net Income of Rich Science Industry, 2012-2017E

Blood Collection Needle Classification and Composition of KDL

Revenue and Net Income of China Sun Pharmaceutical Machinery, 2010-2014

Revenue of China Sun Pharmaceutical Machinery (by Product), 2010-2014

Revenue Structure of China Sun Pharmaceutical Machinery (by Product), 2010-2014

Revenue of China Sun Pharmaceutical Machinery (by Region), 2010-2014

Revenue Structure of China Sun Pharmaceutical Machinery (by Region), 2010-2014

Gross Margin of China Sun Pharmaceutical Machinery, 2010-2014

Gross Margin of China Sun Pharmaceutical Machinery (by Product), 2010-2014

Gross Margin of China Sun Pharmaceutical Machinery (by Region), 2012-2014

R & D Costs and YoY Growth Rate of China Sun Pharmaceutical Machinery, 2010-2013

Revenue and Net Income of China Sun Pharmaceutical Machinery, 2013-2017E

Revenue and Net Income of Yuyue Medical, 2010-2014

Revenue of Yuyue Medical (by Product), 2010-2014

Revenue Structure of Yuyue Medical (by Product), 2010-2014

Revenue of Yuyue Medical (by Region), 2010-2014

Revenue Structure of Yuyue Medical (by Region), 2010-2014

Gross Margin of Yuyue Medical, 2010-2014

Gross Margin of Yuyue Medical (by Product), 2010-2014

Gross Margin of Yuyue Medical (by Region), 2010-2014

R & D Costs and YoY Growth Rate of Yuyue Medical, 2010-2014

Revenue and Net Income of Yuyue Medical, 2012-2017E

BD's Revenue and Net Income, FY2010-FY2015

BD's Revenue (by Business), FY2010-FY2014

BD's Revenue Structure (by Business), FY2010-FY2014

BD's Revenue (by Region), FY2010-FY2014

BD's Revenue Structure (by Region), FY2010-FY2014

BD's Gross Margin, FY2010-FY2014

BD's Vacuum Blood Collection System Revenue and YoY Growth Rate,

FY2010-FY2014

Terumo's Revenue and Net Income, FY2010-FY2014

Terumo's Revenue (by Division), FY2010-FY2013

Terumo's Revenue Structure (by Division), FY2010-FY2013

Terumo's Revenue (by Region), FY2010-FY2013

Terumo's Revenue Structure (by Region), FY2010-FY2013

Terumo's R & D Costs and YoY Growth Rate, FY2010-FY2013

Terumo's Subsidiaries in China and Main Business

Terumo's Layout in China



Revenue and YoY Growth Rate of Terumo's Blood Management Division, FY2010-FY2013

Nipro's Revenue and Net Income, FY2010-FY2014

Nipro's Revenue (by Region), FY2011-FY2014

Nipro's Revenue Structure (by Region), FY2011-FY2014

Nipro's Revenue (by Division), FY2011-FY2014

Nipro's Revenue Structure (by Division), FY2011-FY2014

Revenue and YoY Growth Rate of Nipro's Medical-related Divisions, FY2011-FY2014

Nipro's Major Subsidiaries in China and Business

China's Vacuum Blood Collection Tube Consumption, 2013-2017E

China's Total Health Expenditure and YoY Growth Rate, 2009-2013

China's Per Capita Health Expenditure and YoY Growth Rate, 2009-2013

China's Number of Patients and YoY Growth Rate, 2010-2014

Urban and Rural Per Capita Income in China, 2010-2014

China's Total Population and YoY Growth Rate, 2010-2014

China's Population Aged over 65 and% of Total Population, 2010-2014

Population Covered by Medical Insurance and Expenditure in China

Revenue of Major Enterprises in China Vacuum Blood Collection Industry, 2010-2014

Net Income of Major Enterprises in China Vacuum Blood Collection Industry, 2010-2014

Gross Margin of Major Enterprises in China Vacuum Blood Collection Industry,

2010-2014

Vacuum Blood Collection System Revenue of Major Enterprises in China Vacuum Blood Collection Industry, 2010-2014



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