World Wound Management Products

Industry Study with Forecasts for 2016 & 2021

Study #2893 | May 2012 | $6100 | 346 pages
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Gains will be driven by an expanding volume of surgical procedures, a rising incidence of treated injuries and external skin conditions, and new product introductions.

**World demand to rise 5.3% annually through 2016**

World demand for wound management products will increase 5.3 percent annually to $39.3 billion in 2016, serving a $9.3 trillion worldwide health care industry. An expanding volume of surgical procedures, coupled with a rising incidence of treated injuries and external skin conditions, will underlie gains. Growth will also benefit from new product introductions, especially negative pressure therapy systems, skin replacements, tissue sealants, and wound healing agents.

**US to remain largest market, China to lead gains**

China will account for the fastest growth in wound management product demand among all countries. Increasing economic prosperity will enable its health care sector to expand and diversify resources and capabilities, and accommodate an expanding volume of patients. Similar trends will create above average growth opportunities for wound management products in several other developing countries.

Led by the United States, the developed countries will continue to absorb a much larger share of total world wound management product demand than the developing countries. This trend will reflect the advanced nature of medical delivery systems, widespread coverage of residents for essential patient treatment, and increasing preferences of medical providers for high value added supplies and devices. Because of a higher degree of market penetration, total demand for wound management products in the developed countries will grow at a considerably slower pace than in the developing countries.

**Wound closures, bandages to remain largest segments**

Wound closures will post world demand of $15.2 billion in 2016, up 4.3 percent annually from 2011. Tissue sealants will see the fastest gains, spurred by improvements in available products and speed advantages in the closing of minor surgical incisions and wounds. Nonetheless, sutures and staples will continue to dominate world wound closure demand based on well established performance results in major surgery.

World demand for bandages is forecast to increase 4.5 percent per year to nearly $10 billion in 2016. Gains will reflect expanding applications in self-treatment, sports medicine, and chronic care. Specialty bandages for the professional treatment of injuries and orthopedic conditions will account for the fastest growth in demand. Multiple supplier competition and price sensitivity will hold down growth opportunities for most other bandages.

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Asia/Pacific

China: Wound Management Product Demand

Total demand for wound management products in China is expected to increase almost 11 percent annually to $2.6 billion in 2016. Improving availability of inpatient and ambulatory health care services will underlie growth. The improving availability of inpatient consultation services will stimulate a rise in the utilization of capabilities in surgery and general health care treatment. Hospitals dominate the delivery of health care services, serving as the base of operations for the majority of outpatient facilities and physicians’ offices. As a result, residents usually go to the hospital to receive outpatient consultations and professional health care treatments.

Due to persisting imbalances in the distribution of health care resources, China’s per capita consumption of wound management products will remain slightly below developing world norms through 2016. Moreover, demand will remain concentrated in commodity based consumables, supplies, and devices as only a small percentage of residents have access to advanced procedures such as open heart surgery, negative pressure therapy, and bioengineered skin replacements. The need for many individuals to self-treat injuries and skin conditions will keep a large share of Chinese wound management product sales in basic bandages, dressings, and anti-infective wound healing agents. The country’s demand for higher value added products, such as bioengineered growth factors, foam and alginate wound dressings, and vacuum-assisted wound treatment equipment, will remain negligible, at least in the near term.

Small to medium sized domestic producers of commodity wound closures, bandages, wound dressings, and wound healing agents dominate the supply of wound management products in China. Multinational suppliers with manufacturing sites in the country including BSN Medical, Melsungen, which operates a plant in Suzhou; Derma Sciences, which

Table VI-3

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AccessClosure Incorporated
645 Clyde Avenue
Mountain View, CA 94043
650-903-1000
http://www.accessclosure.com

Annual Revenues: $40 million (estimated)
Employment: 350 (estimated)
Key Products: wound closures

AccessClosure is a medical device company focused on the development and production of vascular access site closure and wound management technologies. The Company is privately held.

AccessClosure is active in the world wound management product industry through the development and production of MYNX vascular closure devices, which are made in two sizes and are intended to provide immediate hemostasis at the puncture site. MYNX products are based on a conformable, water-soluble polyethylene glycol sealant formulated to expand in the tissue tract by absorbing blood and subcutaneous fluids. The sealant dissolves within 30 days.

In addition to standard MYNX offerings, AccessClosure makes the MYNXGRIP and MYNX CADENCE vascular closure devices. The MYNXGRIP vascular closure device, which was introduced in February 2012, uses the Company’s proprietary GRIP TECHNOLOGY to actively grip and seal the arteriotomy while expanding and filling the tissue tract. The MYNX CADENCE product, which debuted in January 2011, is engineered for smooth deployment.

“China will continue to experience rapid growth in health care spending over the long term as the population ages and government reforms improve the availability of basic and medical treatment. Through 2016, the country’s total health expenditures will increase over 13 percent annually to $610 billion, or about $440 per capita. Beyond growth, outlays for medical products and services will be allocated more efficiently and effectively than in the past.”
--Section VI, pg. 201
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**Other Studies**

**Elder Care Services**

Revenues for the elder care services industry in the US will grow 5.2 percent per year through 2016 to $319.5 billion. Skilled nursing facilities will remain the largest segment, while home health care services and assisted living facilities see the most rapid growth. Medicaid will remain the largest payment source, while Medicare leads gains. This study analyzes the $249 billion US elder care services industry, with forecasts for 2016 and 2021 by type, provider, payment source and US region. The study also evaluates company market share and profiles industry players.

#2965 ................ December 2012 ............... $4900

**World Disposable Medical Supplies**

World demand for disposable medical supplies will rise 6.2 percent annually to $198 billion in 2016. The US and China will be the largest markets, while India will lead gains. Dialysis disposables, diagnostic and lab disposables, respiratory supplies and devices and infusion devices will be among the fastest growing types. This study analyzes the $145.6 billion world disposable medical supply industry, with forecasts for 2016 and 2021 by product, world region and for 15 major countries. The study also evaluates company market share and profiles industry players.

#2951 ................ October 2012 ............... $6200

**Pet Health: Products & Services**

US consumer spending on pet health products and services will reach $30.9 billion in 2016, driven by the increasing treatment of companion animals as family members. Pet insurance will continue to see the fastest gains in the dominant service segment. Pharmaceuticals and parasiticides will remain the largest product segments. This study analyzes the $24.6 billion US pet health industry, with forecasts for 2016 and 2021 by service, product, condition type and animal. The study also evaluates company market share and profiles industry players.

#2913 ................ July 2012 .................. $5100

**Disposable Medical Supplies**

US disposable medical supplies demand will rise 4.3 percent yearly to $46.7 billion in 2016. Syringes and inhalers, IV and urinary catheters, hemodialysis bloodlines, peritoneal dialysis kits, tissue sealants, biological wound dressings, Class IV garments and textiles, and blood glucose test strips will be among the fastest growing products. This study analyzes the $37.8 billion US disposable medical supplies industry, with forecasts for 2016 and 2021 by product, market and material. The study also evaluates company market shares and profiles industry players.

#2853 ................ March 2012 ............... $5100

**Infection Prevention Products & Services**

US demand for infection prevention products and services is forecast to rise 4.9 percent annually through 2015. Safety-enhanced medical devices and medical waste disposal supplies will be the fastest growing products, while protective apparel and textiles remain the largest segment. The services sector will be led by medical waste disposal and contract sterilization. This study analyzes the $16.7 billion US infection prevention industry, with forecasts for 2015 and 2020 by type and market. The study also evaluates company market share and profiles industry players.

#2783 ................ September 2011 ............. $4900

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The Freedonia Group, Inc. 767 Beta Drive • Cleveland, OH • 44143-2326 • USA • Web site: www.freedoniagroup.com
Tel US: 800.927.5900 or +1 440.684.9600 • Fax: +1 440.646.0484 • e-mail: info@freedoniagroup.com