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Medical & Healthcare Products



New Era for Medical & Healthcare Products

**Taiwan-made Medical
and Healthcare Products,
Innovated to Improve Quality
of People's Healthy Lifestyles**

The background of the central text block is a blue-tinted image of a medical professional's hands. One hand holds a small heart icon, while the other is near a stethoscope. A white line graph is overlaid on the image, and a checklist with a checkmark and an empty box is visible in the lower right corner.

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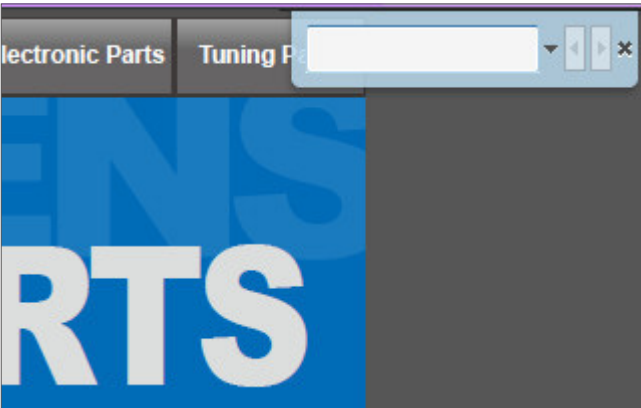
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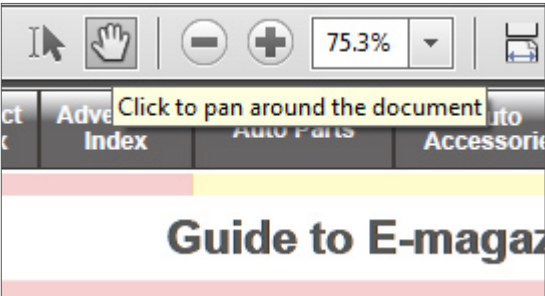


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Taiwan is home to many suppliers of quality and innovative medical products. (photo from Internet)

MIRDC: Global Market for Medical Alloys Shows Huge Potential Amid Graying Population

By Steve Chuang

With graying population increasingly a problem that forces global governments to revive and reform domestic healthcare systems to ensure sustainable economic and social development, the international market for medical alloys and related products shows great growth potential, and is gradually opening to small and medium-sized players, according to Metal Industries Research & Development Centre (MIRDC), a Taiwanese government-funded R&D institute.

Rapidly Aging Global Population

MIRDC, citing statistics from the United Nations, points out that while global population had explosively surged from 2.53 billion people in 1950 to 6.51 billion persons in 2005 and 6.89 billion persons in 2010, those 65-and-older totaled some 524 million to account for 7.6% of the total in 2010.

MIRDC says that the proportion of seniors is forecast to stand at 16.2% by 2050, when overall and aging population will reach 9.31 billion and 1.51 billion people, respectively, and keep trending upward to 22.3% in 2010, when the global population will total 10.12 billion.

That, MIRDC says, indicates the huge growth potential of the global market for medical instrument and alloys, especially those specifically to treat gerontological diseases, such as artificial joints, intravascular stents and tooth implants.

Another sign of rapidly aging population is increasingly sustained market demand for more medical services and instruments that buoy healthcare expenditures worldwide, particularly in developed countries. MIRDC says that healthcare spending per capita in the U.S., for instance, had significantly soared from US\$1,055 in 1980 to US\$7,471 in 2010, while that in Taiwan also shot up from NT\$10,765 in 1991 from NT\$38,510 in 2010.

Better Price-Quality Balance

The global market for medical alloys and instruments is moving towards a better balance between price and quality and gradually opening to ever more players.

MIRDC observes that to offer more affordable services to the elderly and safeguard profits and healthcare quality amid aging population, hospitals generally tend to collectively purchase needed instruments from manufacturers to force world's major suppliers to lower prices, which, in turn, allows smaller-sized companies and contract manufacturers to access the lucrative market.

On another front, manufacturers have actively developed new, innovative medical instruments catering consumers in need of better healthcare quality, in efforts to gain solid ground and achieve banner sales in the markets.

Promising Market

With global emerging countries heavily investing in infrastructure and civil engineering to drive global economic growth, MRIDC opines that domestic market demand there also shows promising growth that Taiwanese suppliers should not overlook.

For example, MIRDC says, local demand for bone screws and plates in both China and India is particularly surging, primarily due to growing industrial accidents, with domestic industries of such products are comparatively underdeveloped in both technology and manufacturing capability.

MIRDC says that the global market is absolutely on a promising uptrend of growth for a couple of reasons, including growing aging population; and ever more new, advanced medical instruments and applications, such as wearable devices, hitting the market to satisfy increasingly demanding consumers. On the other hand, graying population is weighing on developed countries in the face of deteriorating national healthcare systems, while market demand for medical instruments in emerging nations significantly surges. (SC) [CENS](#)

Global Population and Proportions of 65-and-Older		
Year	Global Population	Elderly-to-Total Ratio
1950	2.53 billion people	5.2%
2000	6.12 billion people	6.9%
2010	6.90 billion people	7.6%
2020	7.66 billion people	9.4%
2030	8.32 billion people	11.7%
2050	9.31 billion people	16.2%
2080	9.97 billion people	20.6%
2100	10.12 billion people	22.3%

Source: Metal Industries Research & Development Centre





Medical supplies

ELEM TECHNOLOGY CO., LTD.



Electronic parts processing

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Electronic boxes (OEM)



Electronic parts & accessories



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3D Printer Filament

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Day Tay Plastic Industry Ltd. specializes in plastic extrusion. Backed by 40 years' experience, we are a leading manufacturer working steadily to provide quality products to meet customers' demands, offering mainly 3D Printer Filament, garden hoses, special clip bars, bag trim tubes, garment tubes, fishery tubes, special furnishing tubes, sleeve and sheath for utensils, also ODM, OEM, plastic sourcing, ...



3D Printer Filament



Three-hole Pipe



Asymmetrical Extruded Pipe/Strip



User instructions for foldable wire containers

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Sane Jen Industrial Co., Ltd., was founded in 1984. It was specialized in developing and manufacturing folding wire containers, trolley, folding storage shelves, stacking frames, metal pallet, wire display shelves, wire decking, wire basket, wire netting... etc. for Logistics, Warehouse Storage and Supermarkets. The products made of iron wire, steel tubes, steel plate and stainless steel are also available. ...



A-3



A-5



A-7



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