

Create the One-Stop Integrated Service

Dental implants and artificial joints need to be localized. Instead of importing, medical products made in Taiwan are better.

In recent years, the global medical devices market has showed significant growth, especially in high-end medical products, including hospital diagnostic equipment and therapeutic products. In October 2009, the "Diamond Action Plan for Biotech Takeoff" selected three biotech parks as major promotion sites. Among them, Luzhu park focused on medical devices while MIRDC took charge of implementing the "Industry Cluster Development Plan for Southern Biotech Medical Devices" and recruiting high-end medical device manufacturers to station in the parks.

So far the first-phase plan has been completed. 37 manufacturers are stationed and invest in the parks, creating NT\$757 million in revenue. A high potential for development is foreseeable. In 2013, the new phase plan expects to assist manufacturers with international marketing and time to market of new products through the one-stop integrated service.

As for dental implants, MIRDC has started to execute related government high-value dental industry programs since 2007 and provide a vertical integrated service model, from functional design to brand marketing. MIRDC successfully developed the dental implant system in 2009. Additionally MIRDC engaged with all related parties, including the medical industry, government and academia, and

formed the "Taiwan Implant Technology Company" in 2010. Through the jointly established iKICO brand, Taiwan's related medical products were able to successfully enter the international dental device and material market. Meanwhile, MIRDC has also supported manufacturers, such as the Chun Yu Group, Huang Liang Precision Enterprise Co., Alliance Global Technology Co., etc., to transform the traditional processing industry into a high-end medical device industry.

As for artificial joints, MIRDC is prominent in the research and development of metal casting and forging technology. In 2000, MIRDC cooperated with the United Orthopedic Corporation to develop a "titanium artificial hip joint stem," which was the first patented product developed exclusively by a domestic team. The product subsequently received domestic and foreign product certifications and successfully entered international markets. In the future, MIRDC will engage with producers of domestic precision machinery manufacturing technology, information and communication technology in order to develop medical devices such as X-ray inspection equipment and minimally invasive medical devices for diagnosis use. It is undoubtedly a promising as well as innovative field.