

2020 Market Analysis of Surgery and Transplantation Annual Summit

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It predicts that the worldwide market will reach a volume of approximately 2.2 bn procedures by 2023, the end of the Predict period. It stood at about 1.3 bn in 2014 and is expected to exhibit a steady CAGR of 4.20% throughout the predict duration, i.e. 2019 to 2023.

Surgical techniques, by volume reflect an abundance of procedures, for instance, [urology](#), dental, ophthalmic, gynaecology, [neurosurgery](#), orthopaedic, and cardiovascular, which could be additionally arranged into various classifications.

The [Surgical Robotics](#) and Computer Assisted Surgery Market is foreseen to gain \$20.5 billion by 2022. It is a technologically advanced surgical, rehabilitation, and efficient solution used mainly during complex surgical procedures, physical complications, and hospital automation, respectively. It is mainly differentiated into surgical, non-invasive [radiology](#) surgery, rehabilitation and pharmacy automation robots.

Most of the patients - 93% - accessed treatment as out-patients, with only seven Percent needs hospital admission. For those admitted, data shows 32% stay in hospital for only a day, with 17.81% and 14.89% being owned for two and three days respectively; i.e. 65% are on demand in patient care do so for less than three days. However, around 10% of those required hospitalizing for more than two weeks, with 5% of patients are staying more than 30 days. 60% of patients were men and 40% women.

467 types of procedures were conducted on patients across the five hospitals during the timespan surveyed, for the purposes of this survey these were grouped into subcategories of top ten procedures. Operations on envelope system (mostly breast and facelifts) are the most common procedures, considering for 25% of total procedures in UK patients, followed by operations on musculo-skeleton, eyes and digestive system respectively. Figure showing: Top 10 procedures among medical tourists by gender. Medical Robotics and Computer Assisted Surgery Market Overview:

The Medical Robotics and Computer Assisted Surgery Market is foreseen to gain \$20.5 billion by 2022. It is a technologically advanced surgical, rehabilitation, and efficient solution used mainly during complex surgical procedures, physical complications, and hospital automation, respectively. It is mainly differentiated into surgical, non-invasive radiosurgery, rehabilitation and pharmacy automation robots. The surgical robotics system includes surgical arms, surgeons support, and monitoring systems & software. The surgical robotic systems market attained prominence in the recent years, owing to

fast technological advancements, increasing investments in R&D, and its extensive application in critical surgeries such as orthopaedic, cardiac, and neurosurgery. Moreover, a wide spread of applications in different surgeries, increasing demand for advanced medical facilities, and rising extent of diseases, such as cancer and obesity, majorly supplement the growth of the global surgical robotic systems market. In case of rehabilitation robots, the medical robotics and computer-assisted surgery market gained applause because of the rising aging population liable to the physical disabilities and expanding need of automated-assistive rehabilitation solutions.

Treatment Profile:

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Types of Procedure:

467 types of procedures were conducted on patients across the five hospitals during the timespan surveyed, for the purposes of this survey these were grouped into subcategories of top ten procedures. Operations on envelope system (mostly breast and facelifts) are the most common procedures, considering for 25% of total procedures in UK patients, followed by operations on musculo-skeleton, eyes and digestive system respectively. Male patients have the crucial share of all plans of actions except for cosmetic related procedures (integument, eyes and nose) and those on female genital organs. Women make up the huge majority of patients for cosmetic surgery. There is also a little age difference between patients; those undertaking cosmetic procedures are on median younger than orthopedic patients. Figure showing: Top 10 procedures among medical tourists by gender.

About city

Why Singapore??

Singapore formally the Republic of Singapore, is a sovereign island city-state in Southeast Asia. It lies off the southern tip of the Malay Peninsula and is 137 kilometres (85 m) north of the equator. There are also several famous attractions within the city-state, especially Gardens by the Bay, Sentosa Island, Jewel

Changi Airport, Marina Bay Sands, Orchard Road, and the Singapore Zoo, which was graded the best zoo in Asia.

During the Second World War, Singapore was occupied by Japan, Singapore achieved independence from the British Empire in 1963, by joining Malaysia along with Sabah and Sarawak. Singapore is a highly expanded country and is graded 9th on the UN Human Development Index, with the 2nd highest GDP per capita in the world the highest in Asia for a sovereign state.

In the 1960s, the city-state of Singapore was an underdeveloped country with a GDP per capita of less than U.S. \$320. Today, it is one of the world's rapid-growing economies. Singapore's economic is nothing short of remarkable. By enclosing globalization, education, and rational policies, free-market capitalism it has been able to overcome its geographic disadvantages and become a leader in global commerce.

A Modern Economy

The Port of Singapore is now the world's busiest transshipment port, outstanding Hong Kong and Rotterdam. It has become the world's second busiest in words of total cargo tonnage handled.

Banking has grown notably in recent years and many assets formerly held in Switzerland have been moved to Singapore

due to new taxes forced by the Swiss. The biotech industry is proliferating, with drug makers such as GlaxoSmithKline, Pfizer, and Merck & Co.

Singapore is now the 15th biggest trading partner of the United States. With a total land area of just 433 square miles and a small labor people of 3 million, Singapore is able to produce a GDP that exceed \$300 billion dollars yearly. Life expectancy is 83.75 years, it took third highest Place in the world.

Estimated Global Enterprise Robot Shipments

