

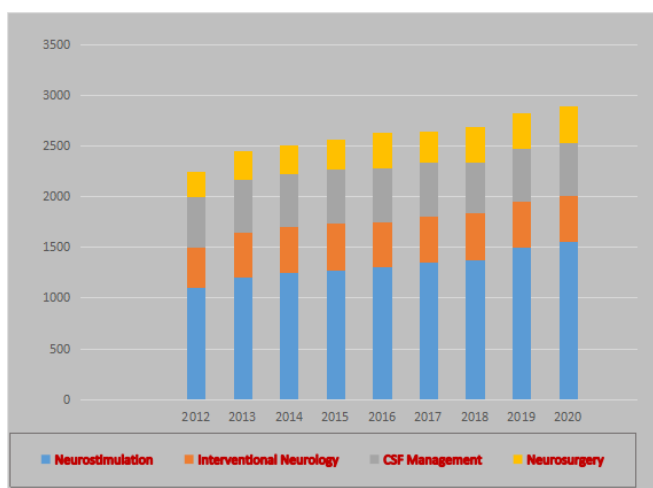
7th Annual Meeting on Neurosurgery and Neurological Surgeons

Krupa Torne

[Neurology](#) is a branch of medicine which deals with Nervous System Disorders. Neurosurgery is been considered as the process of treatment and diagnosis of all types of disorders related to the peripheral and the central nervous system in all sort of age groups. The Nervous system is been considered as the complicated system that regulates and co-ordinates all our body activities. Neurological practise greatly relies on the act of Neurosurgeons.

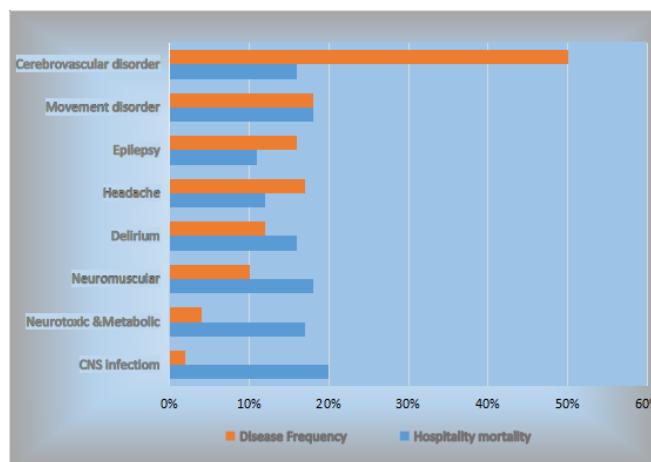
Importance and Scope: The Scope and the importance of [Neurosurgery](#) is being increased enormously due to the outcome of large number of Neurological disorders. The field of Neurology is focusing on the latest advances and their potential impact on the treatment of neurological diseases and disorders. Technological Advancement and Innovation has increased the growth of pharmaceutical industries in the market for the treatment process. Global neuroscience industry demand was worth USD 24.09 Billion in 2013 and is anticipated to reach above USD 30.80 billion by 2020. Rising investment in R&D resulting in the development of numerous products in the Neurosurgery and [Neuroinformatics](#) coupled with adequate funding from the government are key factors that drive growth in this market. Increasing occurrence of malicious disorders including Parkinsonism and Alzheimer’s disease together with other inherited CNS disorders has resulted in increased necessity for new improvements in neuroscience industry. The market is expected to experience growth over the forecast period on behalf of growing demand in laboratories and academic centers. The market players aim at introducing unique technologies with the ability to obtain insights to understand better the compound nervous functionalities and neural manipulations.

The requirement of equipments for Neurological Operations:

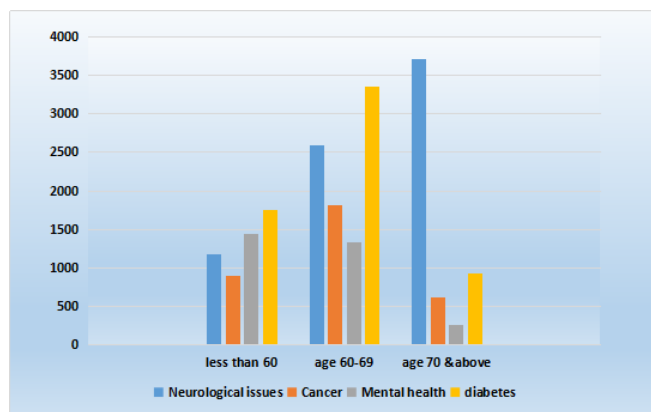


Need of Neurosurgery:

As the population increases, the mortality rate across the globe is also being increasing in a large number .Because of this the rate of illness and disordersness is being to a great extent. According to Neurological survey rising mortality from mental and Neurological conditions is seen in most of the European countries on Parkinson’s disease, Dementia, Neuromuscular disorders, Epilepsy, CNS infection, and other [Cerebrovascular disorders](#), and because of this, the need for Neurosurgeons is also being increased tremendously.



Neurological Disorder Age Profile:



Why Singapore?

Singapore has many universities where students can pursue their master degree in Neurosurgery. The National Neuroscience Institute (NNI) in Singapore is the National Specialists centre and regional centre for clinical referrals for the management and treatment of the various Neurological disorders, as well as for education and research conduct in the field. Thus this extravaganza place has been considered as the ideal place for exhibiting and capturing the talent World-wide.

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As well as Singapore is a city-state in Southeast Asia which is being founded as a British trading colony in 1819, since independence it has become one of the world's most prosperous countries and boasts the world's busiest port. Combining the skyscrapers and subways of a modern, affluent city with a medley of Chinese, Malay and Indian influences and a tropical climate, with tasty food, good shopping and a vibrant night-life scene, this Garden City makes a great stop over or springboard into the region. Singapore - with more than 50% of its area covered by greenery and with over 50 major parks and 4 nature reserves - is an enchanting garden city. Singapore is one of the most popular travel destinations in the world for a lot of reasons.

Universities and Colleges:

1. King George's Medical University, Chowk, Lucknow U.P. INDIA
2. University of Pittsburgh, Pittsburgh, Pennsylvania
3. Washington University School of Medicine, St. Louis, Missouri,
4. National Institute of Mental Health and Neuro-Sciences, Bangalore, India
5. University of Texas, US
6. Vanderbilt University Medical Centre, Nashville, Tennessee
7. SUNY Downstate Medical Centre, located in central Brooklyn, New York
8. Harvard Medical School
9. Johns Hopkins School of Medicine
10. Sree Chitra Tirunal Institute for Medical Sciences and Technology, Thiruvananthapuram, Kerala
11. Columbia university Medical centre, New york
12. University of Rochester
13. Mout Sinai School of Medicine, New york
14. Boston University Medical Centre
15. Stanford University.

DISORDERS	DRUG FOR TREATMENT
Parkinson's disease	Levodopa, Carbidopa(Sinemet)
Huntington's Disease	Paroxetine, Amitriptyline, Mirtazapine, Duloxetine and Venlafaxine
Alzheimer's Disease	Donepezil, Galantamine, Exelon, Namzaric, Razadyne
Epilepsy	Acetazolamide, Carbamazepine, Clobazam, Clonazepam, abapentin, Lacosamide.
Dementia	Paroxetine, Eslicarbazepine, Lacosamide
Autism	Dexedrine, Ritalin, Atomoxetine, Pemoline, Amphetamine