



NeuroGen
Brain & Spine Institute

Centre for Stem Cell Therapy and Neurorehabilitation
ISO 9001:2008 Certified



Annual Report 2016

(Summary of Activities
Jan 2016 to Dec 2016)



International
Centre of
Excellence For
Neurological
Disorders





America



Afghanistan



Albania



Algeria



Australia



Bahrain



Bangladesh



Botswana



Brazil



Bulgaria



Canada



Denmark



England



Ecuador



Ethiopia



Germany



India



Indonesia



Iraq



Iran



Italy



Kenya



Korea



Kuwait

NeuroGen BSI 2008-2017

Over 4000 Patients Treated from 43 Countries



Published 60 Scientific Papers & 14 Books



Malaysia



Madagascar



Mauritius



Mozambique



Nepal



New Zealand



Nigeria



Norway



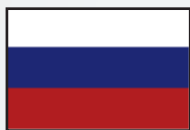
Oman



Pakistan



Qatar



Russia



Rwanda



Saudi Arabia



Singapore



Somalia



South Africa



Sri Lanka



Sudan



Syria



UAE



Vietnam



West Indies



Zimbabwe

Foreword from Directors

It gives us great pleasure to bring to you the NeuroGen BSI annual report 2016. The year has been full of new developments, new beginnings and accomplishments from various departments of NeuroGen .

NeuroGen Brain and Spine Institute is an organisation and a concept to bring to individuals with incurable neurological disorders, a hope for a better future, a life of independence through the combination of the revolutionizing regenerative medicine, holistic comprehensive neurorehabilitation and medical intervention.

NeuroGen's uniqueness is its ability to combine seamlessly the newest developments (stem cells) with age old, tried and tested rehabilitation techniques. The amalgamation of the new and the old in the form of synergistic team work, all under one roof, gives patients with an otherwise hopeless condition, a potential for a good quality of life.

In addition, our focus on research and the continuous thirst for newer developments with a targeted focus on translating them for healing our patients, has seen us publishing 52 articles in international peer reviewed journals over the last 8 years!

We started off, in the year 2008, with humble beginnings, in the basement of an already existing hospital. We were a group of 5 dedicated, motivated individuals, for whom the place did not matter, the mission mattered. Over 8 years, through our dedication, love and professionalism, we have been able to enrich the lives of over 4500 patients from 45 different countries!! From that basement, we have now grown to a 11 storied facility with a state of the art adult and paediatric rehabilitation setup, a GLP and GMP certified stem cell laboratory and a team strength of over a 180 employees!

This year has witnessed us reaching new heights in the form of three prestigious awards:

1. "Best Stem Cell Therapy Centre in India" awarded by the National Healthcare Excellence Awards (New Delhi)
2. "Emerging Stem Cell & Neurology Centre of the Year (India)" at the Healthcare Excellence Awards in Delhi
3. The prestigious "Rose of Paracelsus" award by European Medical association (EMA) and Socrates Nomination Committee (Oxford, UK) for Best Medical Practice.

This year, we have also published 12 scientific articles in international peer reviewed journals and 3 books on neurological disorders. We take pride in the establishment of the first aquatic therapy unit in Mumbai and Navi Mumbai, a "Spinal cord injury walking tract" inspired by the Kunming Locomotor system in China and a Sensory Integration Unit. NeuroGen also has a fully equipped, state of the art stem cell laboratory, which is GLP and GMP certified.

We are also happy to announce the recent inauguration of Genesis-NeuroGen, our first collaborative venture in Delhi. The year 2017 looks promising too. We are all set to spread our wings, with new setups in Baroda (Gujarat) and Amravati (Andhra Pradesh). Potential overseas collaborative ties in GCC countries and Bahamas are also some exciting developments that we are eagerly looking forward to. On the medical and scientific front, we look forward to the possibility of coordinating and participating in randomized clinical trials for Spinal Cord Injury, ALS, DMD, Autism and Cerebral Palsy. The year which had gone by has been a full cup, the year which is coming ahead is already brimming with a myriad of possibilities.

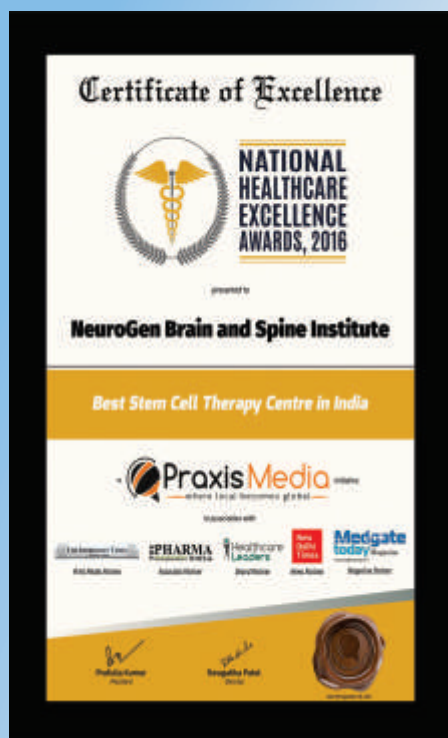
Dr. Alok Sharma

Dr. Hemangi Sane Dr. V. C. Jacob

Dr. Perna Badhe

Dr. Nandini G.





Best Stem Cell Therapy Centre in India by National Healthcare Excellence Award at New Delhi (September 2016)



Emerging Stem Cell and Neurology Centre of the year (India) by Healthcare Excellence Awards, Delhi (December 2016)

International Awards in 2016



The 'Rose of Paracelsus' Award given by Europe Medical Association and Socrates Nomination Committee - This award is granted for our excellent reputation, safe, and effective treatment methods, highly professional medical staff and modern equipment. (October 2016)



**“Best Medical Practice” given by
Europe Medical Association and Socrates
Nomination Committee certificate is a symbol of the
reliability of a medical institution and its admirable
reputation in the opinion of the patient.
(October 2016)**

NeuroGen has always been committed to maintain the highest quality standards of medical service. As part of this in the year 2016 the following ISO, GLP and GMP certificates were renewed.



ISO 9001:2008



Good Laboratory Practice



Good Manufacturing Practice

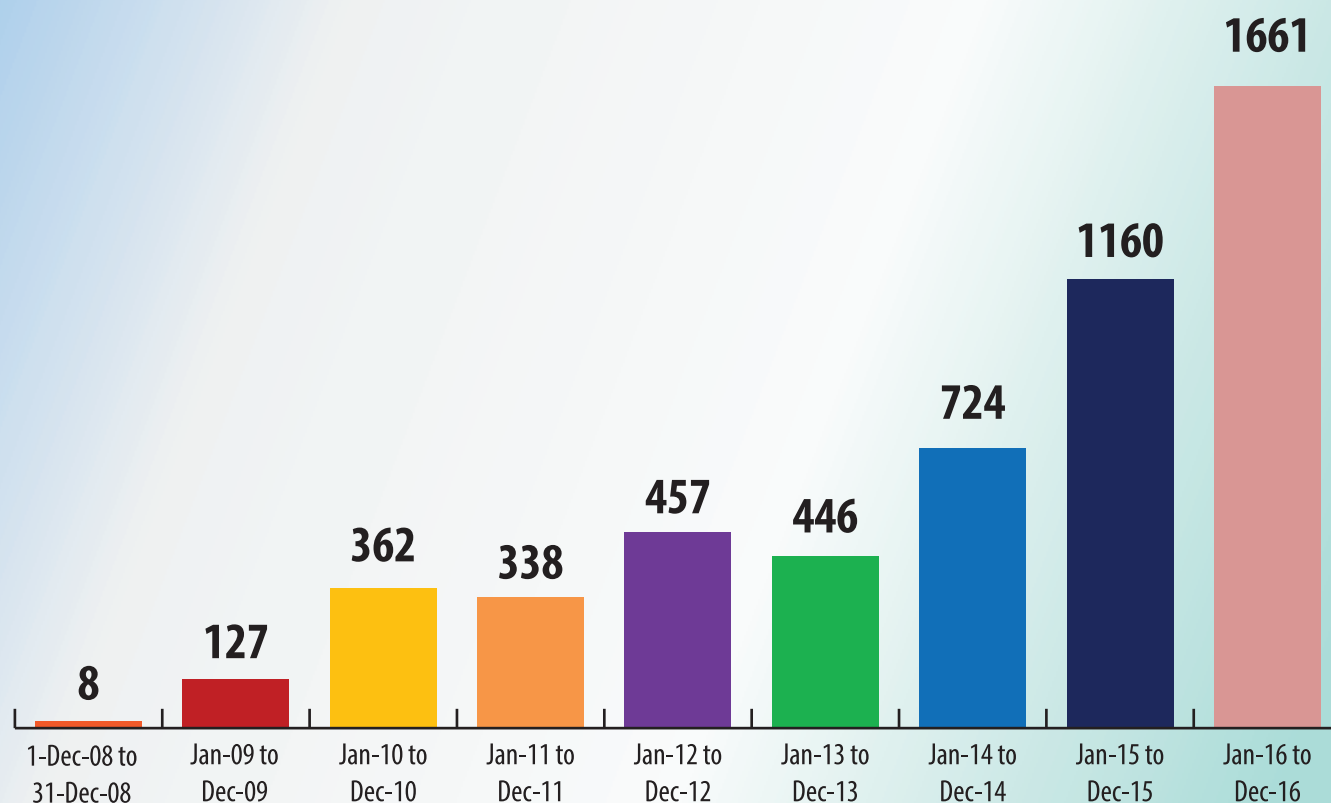
Continents	Total Number of Patients in 2016	Total Number of Patients Since 2008 to 2016
India	1516	4139
Africa	25	38
North America	31	54
South America	2	4
Asia (Excluding India)	70	125
Europe	14	23
Australia	3	10
TOTAL	1661	4282



Number of Patients Treated Over The Years

NeuroGen Brain & Spine Institute started on 17th December 2008 in the basement of Surana Sethia Hospital, Chembur. We shifted to Seawoods in our own 11 floors building on 31st March 2014. From treating around 150 patients in the initial year we have reached a point now where we treat approximately 150 patients in a month. We have not only expanded from a small facility to a bigger building but also grown in terms of manpower, We were a team of 5 professionals in the year 2008 but now we have grown to a bigger family consisting of almost 180 employees. The entire set up of the hospital has been designed to be patient centric.

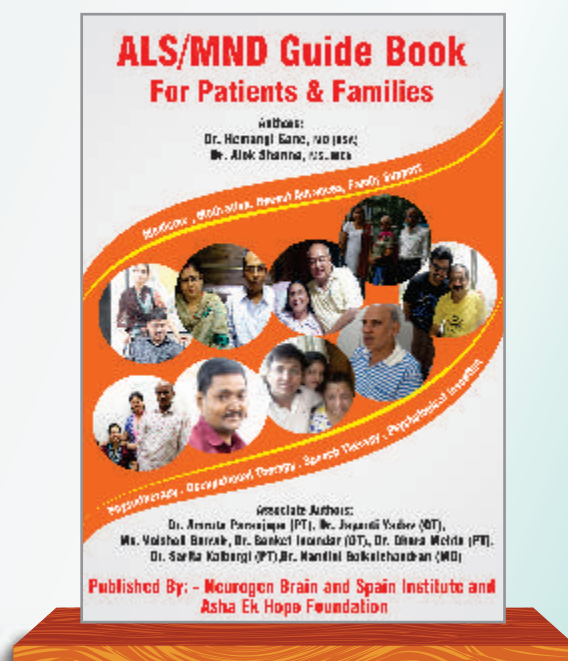
Number of Patients Treated



NeuroGen Brain and Spine Institute has published a total of 12 books till date out of which 2 books were published in the year 2016



**Looking after Children with
Autism - A Handbook**



**ALS / MND Guide Book
For Patients & Families**

NeuroGen has published 60 scientific papers in National and International peer reviewed Medical Journals out of which 12 articles has been published in the year 2016.

1. Alok Sharma, Hemangi Sane, Nandini Gokulchandran, Prerna Badhe, Avantika Patil, Pooja Kulkarni, Amruta Paranjape PET- CT scan shows decreased severity of Autism after autologous cellular therapy: A case report. **Autism Open Access**. 2016; 6:169.
2. Alok Sharma, Hemangi Sane, Jasbinder Kaur, Nandini Gokulchandran, Amruta Paranjape, Jayanti Yadav, Prerna Badhe Autologous Bone Marrow Mononuclear Cell Transplantation Improves Function in a Case of Becker's Muscular Dystrophy. **American Based Research Journal**. 2016; 5 (2).
3. Alok Sharma, Hemangi Sane, Amruta Paranjape, Nandini Gokulchandran, Sushant Gandhi, Prerna Badhe. Benefits of Autologous Bone Marrow Mononuclear Cell Transplantation in Chronic Ischemic Pontine Infarct. **Journal Of Case Reports** 2016;6(1):80-85.
4. Sharma A, Sane H, Gokulchandra N, Sharan, R., Paranjape, A., Kulkarni, P., Yadav J, Badhe, P. Effect of Cellular Therapy in Progression of Becker's Muscular Dystrophy: A Case Study. **European Journal of Translational Myology**. 2016;26(1):5522.
5. Alok Sharma, Tongchao Geng, Hemangi Sane, Pooja Kulkarni. Clinical neurorestorative progresses in cerebral palsy. *Journal of Neurorestoratology* 2016;4; 1-7.
6. Alok Sharma, Nandini Gokulchandran, Hemangi Sane, Prerna Badhe, Amruta Paranjape. Current global trends in regulations for stem cell therapy and the way ahead for India. **Indian Journal of Stem Cell therapy**. 2016; 2(1):5-16.
7. Hemangi Sane, Alok Sharma, Nandini Gokulchandran, Sarita Kalburgi, Amruta Paranjape, Prerna Badhe Neurorestoration in Amyotrophic Lateral Sclerosis - A case report. **Indian Journal of Stem Cell therapy**. 2016; 2(1):29-37.
8. Alok K. Sharma, Hemangi Sane, Pooja Kulkarni, Nandini Gokulchandran, Prerna Badhe. Cellular therapy in Neurodevelopmental disorders. **Indian Journal of Stem Cell therapy**. 2016; 2(1):64-73.
9. Alok Sharma, Ziad M Al Zoubi. Rethinking on ethics and regulations in cell therapy as part of neurorestoratology. **Journal of Neurorestoratology** 2016:4 1–14.
10. Dr. Alok Sharma, Hemangi Sane, Nandini Gokulchandran, Prerna Badhe, Mrs. Suhasini Pai, Pooja Kulkarni, Jayanti Yadav, Sanket Inamdar. Cellular Therapy for Chronic Traumatic Brachial Plexus Injury-A case report. **Advanced Biomedical Research journal**. (Ahead of Print).
11. Sharma Alok, Sane Hemangi, Kulkarni Pooja, Mehta Dhara, Kaur Jasbinder, Gokulchandran Nandini, Bhagwanani Khushboo, Badhe Prerna. Effect Of Autologous Bone Marrow Mononuclear Cell Transplantation Coupled With Rehabilitation In Limb Girdle Muscular Dystrophy – A Case Report. **International Journal of Medical Research & Health Sciences**. Sep 2016. In Press.
12. Alok Sharma, Hemangi Sane, Sarita Kalburgi, Pooja Kulkarni, Sanket Inamdar, Khushboo Bhagwanani, Nandini Gokulchandran, Prerna Badhe. **Autologous Bone Marrow Mononuclear Cell Transplantation for Multiple System Atrophy type C- A Case Report**. Dec 2016. In Press.

In NeuroGen's constant endeavor to improve the quality of our Neurorehabilitation services, three new facilities were introduced in the year 2016. 1. Spinal cord injury walking track based on the kunming rehabilitation method. 2. A dedicated Aquatic therapy facility and 3. A sensory integration room.



Spinal Cord Injury Walking Track



Aquatic Therapy



Sensory Integration Room

Up-gradation of the Infrastructure

We have a GLP and GMP certified Stem Cell Laboratory. In 2016 the stem cell laboratory was upgraded to a state of the art facility with the most sophisticated equipments from the world's best manufacturers.



Bio Safety Cabinet



Fluorescence Microscope



CO2 Incubator



Cell Counter



Centrifuge Machines



Scientific Refrigerator

Stem Cell Laboratory

At NeuroGen we believe in providing healthy recovery along with luxurious stay specially designed for our international patients - the suite at NeuroGen makes the patient feel at home away from home. 2016 saw a substantial increase in the number of overseas patients coming to NeuroGen and therefore 4 new suites were created to accommodate the international patients.



New Deluxe Suite

Reaching out and touching different lives is what was best implemented in the year 2016. NeuroGen has been organizing workshops and free medical camp in special schools and rehabilitation centers since last few years, but in 2016 it picked up the pace by organizing more than 20 workshops in various cities. We received an outstanding response from cities like Delhi, Hyderabad, Kolkata, Vijaywada and Jaipur and hence we visited them multiple times. We saw more than 1000 patients in such camps.



Vijaywada (April 2016)



Delhi (November 2016)



Vishakhapatnam (September 2016)



Hyderabad (June 2016)



Kolkata (October 2016)



Jaipur (November 2016)

Workshops Conducted Overseas

2016 was a year of crossing all boundaries and reaching out to help many more suffering from various neurological disorders. We were invited by overseas organization and association to conduct workshops seminars in Dubai, U.S.A, South Africa and Zimbabwe.



Ohio, USA (September 2016)



St. Louis, USA (December 2016)



Atlanta, USA (November 2016)



Dubai, UAE (September 2016)



Johannesburg, South Africa (July 2016)



Harare, Zimbabwe (July 2016)

On the occasion of the Annual World Autism Awareness Day, NeuroGen's Autism Child Development Center had organized Autism Awareness Programme & a Special Kids Carnival on 2nd April 2016.

On this special day, a Handbook for the parents / caretakers of Autism kids was released By Chief Guest Mr. Ganesh Naik (Ex. Guardian Minister of Maharashtra), Ms. Mariyam (Director of Moon special school, Dubai) and Mrs. Varsha Bhagat (Director of ETC special school, Navi Mumbai). There were Autism awareness lecture, cultural program, musical show performance by these special kids, and also free distribution of educational/sensory toys kits. Stalls were set up, which had vocational materials made by these special kids.

Special school children along with their parents from Mumbai and Navi Mumbai participated in huge numbers. It was very encouraging to see these children give heart warming performances.

On this same day 'Sensory Integration Therapy Room' in ACDC - NeuroGen on 8th floor was Inaugurated by *Dr. Jyotika Bijlani {Former HOD of Occupational Therapy LTMMC and LTMGH and Presently Dean of Academic Council of Occupational Therapy (ACOT)}* *Dr. Shashi Oberoi (Former Dean of Pad. Dr. D. Y. Patil college of Occupational Therapy and Presently vice president of AIOTA), Dr Anita Gupta (Lecturer, Occupational Therapy AIIPMR).*





NeuroGen; in collaboration with Blooming Dale School, Kolkata released "Silent Voice" Newsletter in September 2016. The motto of this newsletter is to create awareness about neurological disorders. Dr. Nandini Gokulchandran inaugurated this event. We also had the Commissioner of Disability, West Bengal, Smt. Renu Bhattacharya, and the Assistant Commissioner, Shri. S. S. Vinayak who inaugurated NeuroGen's Bengali Brochure.





CONFERENCE

Name of the Conference : (AOCN) Asian and Oceanian Congress of Neurology.

Place : KLCC, Kuala Lumpur, **Malaysia**

Date : 18th to 21st August 2016

Topic of Talk : Female Hormones enhance the neuro protective benefits of cellular transplantation in patients with ALS (Amyotrophic Lateral Sclerosis)



CONFERENCE

Name of the Conference : 27th International Symposium on ALS/MND 2016

Place : Dublin, **Ireland**

Date : 4th to 9th December 2016

Topic of Talk : Cellular therapy slows down disease progression in Amyotrophic lateral Sclerosis.

Overseas Talks - Dr. Nandini G.



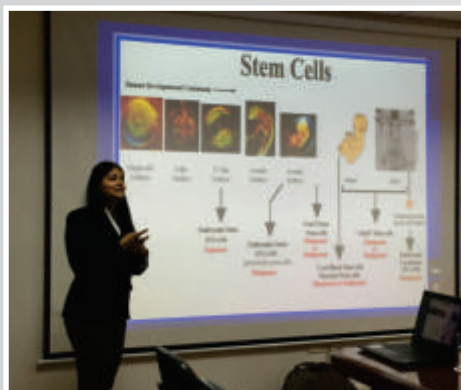
CONFERENCE

Name of the Centre : The Ninth Annual Conference of International Association of Neurorestoratology (IANR).

Place : Tianjin, **China**

Date : September 2016

Topic of Talk : Role of cell therapy in traumatic brain injury.



CONFERENCE

Name of the Seminar : A Sympociem on Autism and Cerebral Palsy by Vinmec International Hospital.

Place : Ha Noi, **Vietnam**

Date : November 2016

Topic of Talk : Isolation , purification and Culturing of different type as of Stem Cells and their implications for clinical transplantation in neurological disorders.

Overseas Talks - Dr. Alok Sharma



CONFERENCE

Name of the Conference : 7th Global Neurologists Annual Meeting on Neurology and Neurosurgery.

Place : Vienna, **Austria**

Date : August 2016

Topic of Talk : Clinical Results of Stem Cell Therapy in Neurological Disorders.



CONFERENCE

Name of the Seminar: The Ninth Annual Conference of International Association of Neurorestoratology (IANR).

Place : Tianjin, **China**

Date : September 2016

Topic of Talk : An overview of the new regulations for cell therapy in different countries.



CONFERENCE

Name of the Conference: The 2nd International Conference on Autism.

Place : Pheonix, **U.S.A**

Date : September 2016

Key Note Address: Stem Cell Therapy For Autism.



CONFERENCE

Name of the Seminar : A Sympociem on Autism and Cerebral Palsy by Vinmec International Hospital.

Place : Ha Noi, **Vietnam**

Date : November 2016

Topic of Talk : The role of stem cell in treatment of autism, cerebral palsy and other neurodevelopmental disorders.

Dr. Wise Young is the Richard H. Shindell Chair in Neuroscience, Distinguished Professor of Cell Biology & Neuroscience, and Founding Director of the W. M. Keck Center for Collaborative Neuroscience at Rutgers University **(USA)** visited NeuroGen in July 2016



Ms. Andelene, CEO De Grandel Home for Autistic Children and Adults, Cepe Town, **South Africa**, visited NeuroGen in September 2016

Madam Isphana Al Khatib, Director, Al Noor Training Center for Persons with Disabilities, **Dubai**, visited NeuroGen in March 2016



Madam Mariam Saif Al Qubaisi, CEO , **Abu Dhabi** special need care centres, visited NeuroGen in March 2016.

Training To Overseas Medical Professionals

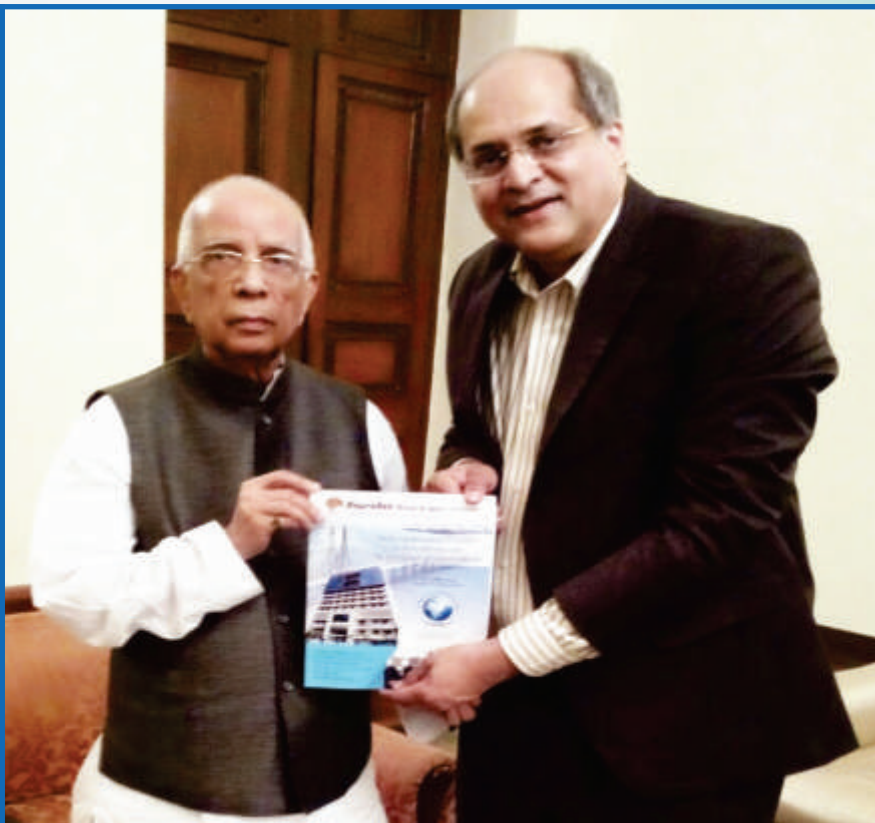
NeuroGen regularly organises training programs for rehabilitation specialists in India as well as overseas. This year a group of therapists and other professionals from Vinmec hospital, Vietnam visited NeuroGen for a one week assesment, screening and rehabilitation training in Autism and other neuro developmental disorders. Apart from pediatriac neuro rehabilitation they were also given an overview training in adult neuro rehabilitation.



❧
**Maharashtra
Governor
Shri. Chennamaneni
Vidyasagar Rao
with
Dr Alok Sharma
of
NeuroGen
at
Raj Bhavan
(November 2016)**
❧

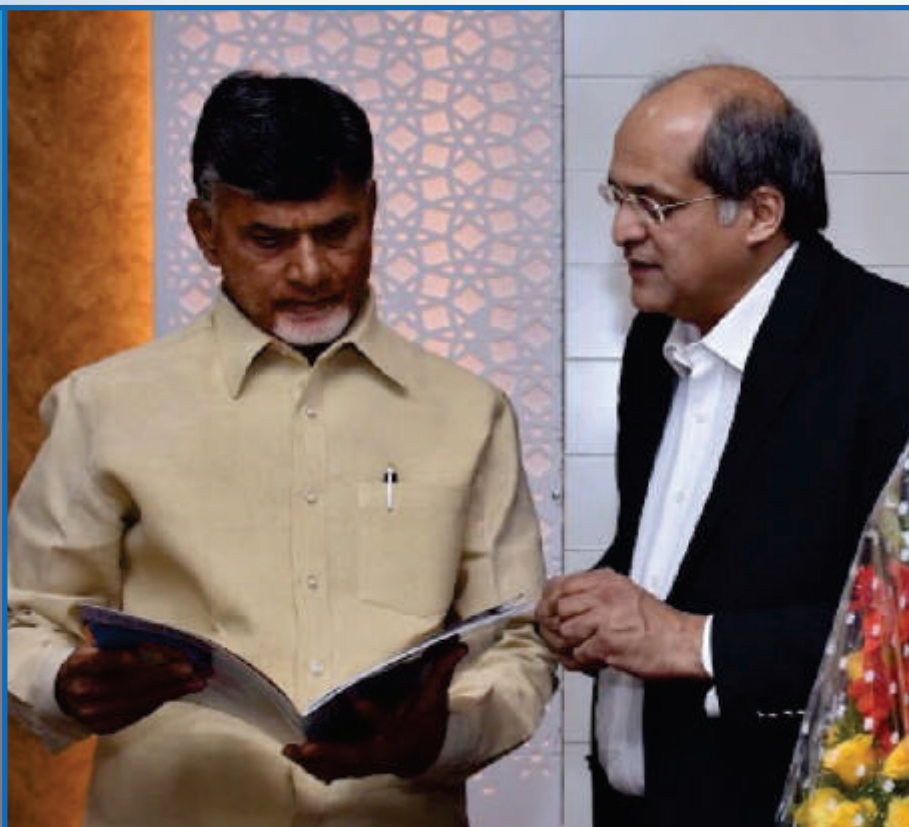


❧
**Governor of
West Bengal
Shri. Kesharinath
Tripathi being
presented
with
NeuroGen
brochure in
Kolkata
(March 2016)**
❧





**Andhra Pradesh
Chief Minister
Shri. Chandrababu Naidu
with
Dr. Alok Sharma
discussing
advance treatment
options for incurable
neurological disorders
(November 2016)**



**Health Minister
of
Andhra Pradesh
Shri. Kamineni Srinivas
releasing NeuroGen's
Telugu Brochure
in
Vijaywada
(April 2016)**





His Highness
Sheikh Faisal
Bin Khalid
Al Qasimi **(Sharjah)**
being presented
with the NeuroGen's
book on Stem Cell
Therapy in
Neurological
Disorders
(January 2016)



His Excellency
Khaled Al Kamda
Director General of CDA
(Dubai)
being presented with
the 1st copy of
NeuroGen's
Arabic brochure in
(January 2016)



NeuroGen brain and spine institute is conducting two international research trials on Spinal Cord Injury



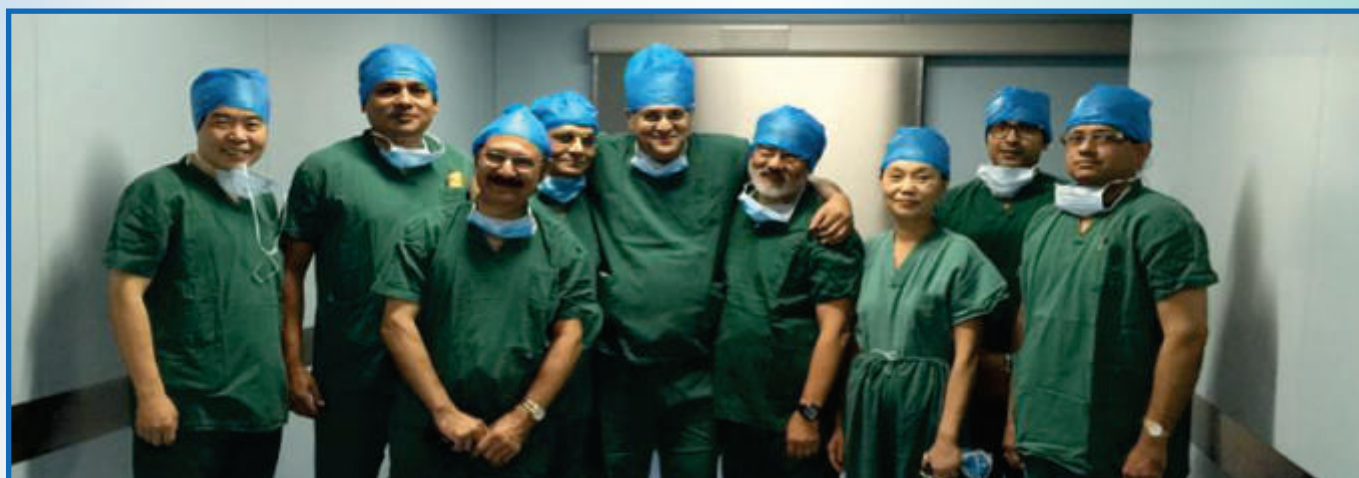
1. NeuroGen Brain and Spine institute, received a research grant for a controlled research trial evaluating the efficacy of cellular therapy in subacute and chronic spinal cord injury. This trial will compare the effects of autologous bone marrow mononuclear cells intrathecal transplantation followed by rigorous rehabilitation with rigorous rehabilitation alone in patients with subacute and chronic spinal cord injury. The research grant for this project was received from Morton Cure Paralysis Fund (MCPF), USA; a charity dedicated for finding cure for chronic spinal cord injury.

2. NeuroGen Brain and Spine Institute is participating in a multicenter (Indian, China, USA, Norway) research trial initiated by Dr. Wise Young (USA). The trial will investigate benefits of lithium carbonate combined with cell therapy for patients with chronic spinal cord injury. In this trial the effects of Lithium carbonate combined with cellular therapy followed by rigorous locomotor training will be compared with a control group not receiving lithium carbonate but only cellular therapy and locomotor training. The rehabilitation protocol of locomotor training is unique and has been designed based on the rehabilitation experience of Chinese physiotherapists.

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NeuroGen team visited Kunming Tongren Hospital and Rehabilitation Centre in Kunming, China to learn about the clinical trial protocols

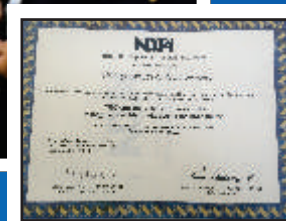




Dr. Amruta Paranjape

Physiotherapist from UK, Aquatic therapist from Switzerland.

Successfully completed certification in Watsu Level II basic and mastery course in March 2016.



Dr. Dhara Mehta

NeuroPhysiotherapist

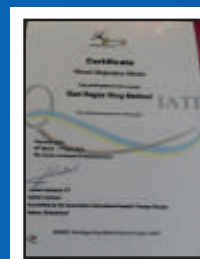
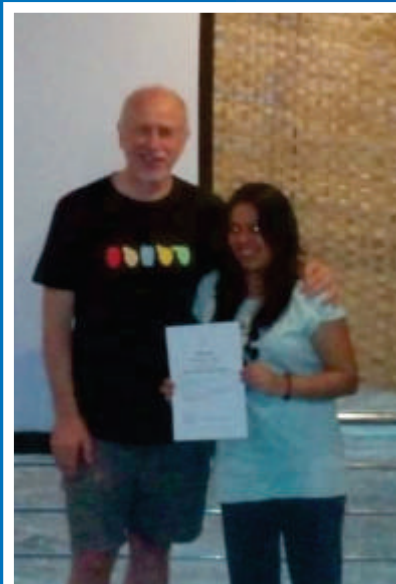
Successfully completed certification (C/NDT) in "Neuro-Developmental Treatment / Bobath in Management of Adults with stroke and Brain Injury" course in January 2016 from the Neuro-Developmental Treatment Association, U.S.A.



Dr. Khushboo Bhagwanani

Physiotherapist & dept coordinator

Successfully completed USC / WPS Sensory integration certification program module 1 and 4 from university of south California in May 2016.



Dr. Shruti Shirke

NeuroPhysiotherapist

Successfully completed Water Specific therapy (WST) & Bad Ragaz Ring Method (BRRM) course from Switzerland certified by Johan Lambeck in April 2016

EMPLOYEE OF THE YEAR

The NeuroGen family is built around the bond shared by our patients and employees. We consider our employees to be our most valuable asset. We strive to acknowledge and appreciate the hard work and efforts put in by each employee towards making a difference in the lives of patients with neurological disorders. Each year, to encourage and motivate our employees, we carry out a democratic voting process. In this process, all employees unanimously vote for the employee, who in their view has performed exceptionally well throughout the year.

In the year 2018, Dr. Khushboo Bhagwanani was recognized as the "Employee of the Year - Clinical", for going beyond the call of duty and for her complete dedication to patient care. Similarly, Ms. Nupur Jha was voted as the "Employee of the Year - Non-Clinical/ Administration" for her unwavering spirit and initiative in helping NeuroGen reach new avenues not only in India, but also abroad.

The Awards were given by NeuroGen's Chairman Mr. K. L. Sharma.



Clinical - Dr. Khushboo Bhagwanani



Non Clinical - Ms. Nupur Jha



Genesis - NeuroGen (New Delhi)

To cater to the needs of patients from north India, NeuroGen has set up a consulting and neuro-rehabilitation facility called Genesis - NeuroGen at New Delhi. The rehabilitation protocol being followed at this facility will be similar to those followed by the rehabilitation team in NeuroGen BSI Mumbai.

The Genesis NeuroGen team from Delhi consists of

Dr. Radha Jain - Director - Genesis - NeuroGen
Dr. Veena Slaich, Medical Superintendent, Senior Occupational Therapist
Dr. Charu Arora, H.O.D. Occupational Therapy
Dr. Sanjeev Kathuria, H.O.D. Physiotherapy
Mr. Murli Singh, H.O.D Speech & Hearing Department
Mrs. Mridul Singh, Rehabilitation professional
Ms. Priti Srivastava, Psychology Department
Dr. Piyush Jain, Senior Pediatrician

The center was inaugurated on 25th Dec 2016 by

Mr. Omprakash Sharma - MLA Delhi
Mr. Mahindra Ahuja - counsellor Delhi
Mr. Mahindra Jain - formal counsellor Delhi
Mr. Mahesh Giri - Member of Parliament Delhi
Mr. Shankar Sahney - Pop Singer



Specialist Consultants


Dr Anita Patel -

Consultant Urologist
MS, M.Ch (Urology) &
FRCS (Urology) DNB (Urology)


Dr Atul Bhaskar -

Consultant Paediatric
Orthopedician MS,
M.Ch (Orthopaedics) &
FRCS (Orthopaedics)

Dr Chetan Visupte -

Consultant Psychiatrist
MD, DNB (Psychiatry)


Dr Deepali Kotian -

Anaesthesiologist
MBBS, DA, DNB
(Anaesthesiology)


Dr Hema Sriram -

Anaesthesiologist
MBBS, MD (Anaesthesia)


Dr Keyur Trivedi -

Consultant Physician and
Specialist in Emergency
Medicine MBBS

Dr Keyur Sheth -

Gastroenterologist
MD (Medicine), DNB
(Gastroenterology),
MRCP (Gastroenterology)


Dr Kishor Bhokare -

Anaesthesiologist
MBBS, MD (Anaesthesia)


Dr Manisha Ghosh -

Anaesthesiologist
MBBS, DA (Anaesthesiology)


Dr Richa Bansod -

Consultant Neurosurgeon
MBBS, DNB (Neurosurgery)

Dr Shankar Shrinivasan -

Consultant Plastic Surgeon
M.Ch (Plastic Surgery)


Dr Swati Gadkar -

Anaesthesiologist
MBBS, MD


Dr Umesh Bilewar -

Consultant Dermatologist &
Hair Transplant Physician
MBBS, DDVL


Dr Vijay Kulkarni -

Consultant Andrologist
MBBS, MS (Andrology)

Dr Vrushali Mane -

Consultant Paediatrician
MBBS, DCH





US based TV channel NBC universal decided to an exclusive feature story on the treatment being given at NeuroGen Brain and Spine Institute as part of the new TV series named "New World of Medical Tourism" which was telecasted in December 2016.

There crew visited NeuroGen on 8th August 2016. They covered various aspects of our treatment like what stem cell therapy is and how it can help patients with incurable Neurological disorders. Our doctor's views and experience, regarding the medical treatment and neurorehabilitation. Our patients overall experience regarding our facility, our neuro-rehabilitation and some special facilities like Spinal Cord injury walking track, Aquatic therapy and Sensory integration room.





The Physiotherapy Department plays an integral part in the rehabilitation of a variety of Adult and Pediatric Neurological conditions that include Stroke, Spinal Cord Injury, Cerebral Palsy, Muscular Dystrophy, Motor Neuron Disease, types of Ataxia, Multiple Sclerosis, Parkinson's Disease, Brachial Plexus Injury, Poliomyelitis, Multiple System Atrophy. The aim of every therapist of the PT Department is to provide dynamic, efficient and adaptable therapy protocols to patients so as to improve their quality of life. The extensive rehabilitation includes Neuro-Developmental Therapy, Proprioceptive Neuromuscular Facilitation Techniques, Suspension Therapy, Stretching techniques, Bed Mobility Training, Balance Training, Gait Training, teaching Transfer Techniques, Endurance Training, Chest Physiotherapy, Co-ordination Exercises and Splintage Prescription.

In 2015, **Dr. V. C. Jacob**, the Deputy Director and the Head of the NeuroRehabilitation was invited to the Kunming Rehabilitation Center, China where hundreds of Spinal Cord Injury patients are rehabilitated so as to walk without assistance. To incorporate the Kunming Protocol, NeuroGen Brain and Spine Institute inaugurated the Spinal Cord Injury Walking Track in November 2015. It is an 89 X 20 feet set-up exclusively for Spinal Cord Injury patients, which has all essential facilities and qualified personnel to rehabilitate 10-15 in-patients and 10 outpatients at any given point of time. On the day of inauguration, Dr. V. C. Jacob shared his journey of 53 years in rehabilitating SCI patients.

Dr. Joji Joseph is the Head of the Physiotherapy Department. He has been working for over 17 years in rehabilitating SCI patients. He also heads the Spinal Cord Injury Walking Track Unit where he trains the patient for Kunming Walking.

In order to provide world-class therapy, our therapists constantly look to upgrade their knowledge. The therapists of our department travel all over the county to promote awareness about various neurological disorders in diverse populations. Owing to their excellence in treating different conditions, they have also contributed to a number of publications.



The calendar year 2016 was a very successful year for the department of Occupational Therapy. In spite of the increased domestic and international patient workload, the OT department has done a wonderful job with respect to improving standards of treatment quality and improving 'Functional Independence' of patients. The department also focused on improving clinical and theoretical knowledge base which the team have achieved by conducting lectures and workshops by senior therapists with expertise in different fields. The response from practising occupational therapists and OT students was tremendous, thereby increasing their awareness about the stem cell therapy and conditions in which patients could be referred for the same. The Occupational Therapy team consists of a team of six occupational therapists who look after patients of different age groups ranging from infants to geriatric population.

Workshops and Lectures organized by OT department in last year are :

- On occasion of World Autism day, senior occupational therapists were invited for giving lectures on 'Past - Present and Future of Occupational Therapy'. On 1st April 2016, New 'Sensory Integration Department' was Started on 8th Floor. It was inaugurated by Dr. Jyothika Bijlani (Head of Academic council Occupational Therapy , India) on the occasion of 'World Autism Day'.
- In the month of July, The OT department conducted a lecture on Wheelchair Assessment , prescription, and management by Dr. Smita Jaywant (Head of dept ,OT, AIIPMR). It was very well received from the students and professionals.
- The department also organized two interactive lectures on "Cognitive Rehabilitation" by Dr. Anuradha Pai on 16th October 2016, and another on 'Hand Rehabilitation' by Dr. Lalwani on 27th October 2016 on the occasion of World OT day. All the team members showed active participation in the organizing and executing the lectures successfully.



NeuroGen BSI is the only Stem Cell Therapy centre in the world that has a dedicated Autism child development centre. The purpose of ACDC is to offer all related rehabilitation under one roof and in one location with different departments working as a team to get the best possible results for the children with autism.

The infrastructure of ACDC was upgraded in 2016 by creation of a dedicated sensory integration unit. There has been a constant upgradation in the comprehensive rehabilitation being offered to children with autism specially in the field of applied behavior analysis, speed education, speech therapy etc. Newer forms of rehabilitation such as art therapy, music therapy have also been incorporated.

The rehabilitation team of Vietnam visited NeuroGen and ACDC to learn about the various therapies.

Celebration of the Autism Day was an auspicious occasion which was graced by the presence of guests like Mr Ganesh Naik (Guardian Minister, Navi Mumbai, Ms Mariyam (Director of Moon special school, Dubai) and Mrs Varsha Bhagat (Director of ETC special school, Navi Mumbai). Special schools from all over Mumbai and Navi Mumbai were visited. The Distribution of educational and sensory gifts for special children who participated in the Autism Day celebrations was a satisfying experience. Vocational material stalls were also put up by special kids along with certain stage performances and lastly the handbook titled "Looking after children with Autism" was released.



The Department of Psychology consists of 3 Clinical Psychologists and 1 Counseling Psychologist. In the year 2016, Meenakshi Raichur, joined NeuroGen Brain and Spine Institute who is also a Board Certified Behavior Analyst from Florida Institute of Technology. She successfully hosted the Autism Day Event held on 2nd April 2016 and also conducted a workshop in Vishakhapatnam in the month of August 2016. She was also a speaker on ABA in an in-house workshop conducted for the therapists and senior doctors at NeuroGen. Ridhima Sharma, who is a Counseling Psychologist at NeuroGen is undergoing training for ABA currently and conducted workshop for NeuroGen in Hyderabad in February 2016. Vaishali Ganwir, who is the coordinator for the department of Psychology also conducted a workshop for NeuroGen in Kolkata in the month of September 2016. Maitree Maheshwari, successfully completed a certificate course in Art Based Therapy in December 2016.



Speech therapy department at NeuroGen (a part of Autism Child Development Center) has a team of 3 Speech and language pathologists.

Zainab Ansari (MASLP) (RCI registered). Her expertise is Assessment and management of speech & language issues of pediatric as well as geriatric population and also assessment and management of swallowing issues in all populations.

Ashly Joseph (BASLP) (RCI registered). Her expertise is assessment and management of speech language issues in pediatric population..

Nikita Kirane (BASLP, Pursuing MASLP Final year). Her expertise is assessment and management of swallowing, speech & language issues in geriatric population.

The department of speech therapy at NeuroGen is a unique department where each one works together with both pediatric as well as geriatric population. The department has contributed by writing a chapter on 'speech therapy - tips and guidelines for parents of children with Autism' , in the book titled "Looking after children with Autism"

Although the team is a small team they manage to fulfill the needs and expectations of all the parents of children as well as adults visiting NeuroGen.

The team have started using standardized language tests (REELS, 3D LAT, Reynells scale for attention and Speech intelligibility rating scale) for identification of child's exact language age and assessment of speech and language skills.

The team caters to the needs of all national as well as international patients visiting NeuroGen and have received a positive feedback. In general there are very wrong notions about speech therapy in the minds of parents and some are even unaware of it, but in NeuroGen the scenario has improved and the team has tried its best to make parents realize the importance of communication skills and speech therapy in their child's life.

There are many parents who are misguided by quacks outside but at NeuroGen the team explains them about what exactly speech therapy is and its benefits, so many patients up-till now have been very satisfied and happy with the therapy and guidelines provided by the department. The team has received more positive feedback of parents as well as adult patients about speech therapy at NeuroGen and this is what motivates them to work much harder for the betterment of the patients visiting NG as well as the department of Autism Child Development Center.



NeuroGen Brain and Spine Institute proudly inaugurated the first Aquatic therapy department in Mumbai and Navi Mumbai in November 2015. The department was inaugurated by senior physiotherapists Dr. Ali Irani (Former Physiotherapist of the Indian Cricket Team, and current Head of Department in Nanavati Hospital) and Dr. Telang (Head of Department in Sushrusha Hospital).

The department is headed by Dr. Amruta Paranjape (PT) who has completed her master's degree in Physiotherapy from Sheffield Hallam University (UK) and has been certified in Aquatic therapy concepts like water specific therapy (WST ®), Bad Ragaz Ring Method (BRRM ®) and Clinical Ai Chi from Switzerland in the year 2013. In 2016 she also completed her Watsu ® level II certification as well as mastery and is now certified to provide Watsu as part of Aquatic therapy. She is also part of the organizing committee and is the co-organizing chair for the upcoming International conference on evidence based aquatic therapy to be held in India in November 2017.

Dr Shruti Shirke, holds a master's degree in Adult Neuro-physiotherapy, currently she is working in NeuroGen Brain & Spine Institute in the Neuro rehab team as a NeuroPhysiotherapist. She received her certification for Water Specific therapy (WST) & Bad Ragaz Ring Method (BRRM) from Switzerland certified by Johan Lambeck

The aquatic therapy department since it's inauguration has grown significantly to treat more than 125 inpatients and more than 50 outpatients. The department provides services for patients with various neurological disorders like stroke, spinal cord injury, cerebral palsy, autism, muscular dystrophy, multiple sclerosis, parkinson's disease, motor neuron disease, cerebellar ataxia and Orthopedic disorders like low back pain, neck pain and arthritis.

Various training programs and contributions in the chapter are also conducted to increase the awareness of aquatic therapy. Dr. Amruta Paranjape has previously conducted a training workshop for physiotherapists in Manipal college of allied health sciences, Manipal university, Karnataka; given a seminar on aquatic therapy in D.Y.Patil college of Physiotherapy, Maharashtra and conducted a workshop for spinal cord injury patients and their therapists in Paraplegic rehabilitation center, Kirkee, Maharashtra. This year on 18th April 2016 she was invited as a resource person for a talk on recent advances in the management of spinal cord injury and delivered a talk on aquatic therapy for spinal cord injury.



The Research department has been an integral part of NeuroGen brain and spine Institute since its Inception. Every year research department analyses the data to find out benefits of cellular therapy in various neurological disorders that we treat. The department is headed by Dr. Hemangi Sane. She has completed MD in internal medicine from New York Medical College. She is an accomplished physician with many accolades like the leading physician of the world awarded by the International association of Internists. She has co authored more than 40 articles on management of neurological disorders using stem cell therapy. In the year 2016 she was invited to Kolkata by Avoru Health and Research Foundation has organized a scientific session on “Regeneration Procedure in Neuro-re-learning process”

She also presented a poster in the Asian and Oceanian Congress of Neurology titled, 'Female hormones enhance the neuroprotective benefits of cellular transplantation in patients with Amyotrophic Lateral Sclerosis.' She also presented a poster in the International symposium on ALS/MND, which was titled 'Cellular Therapy slows down disease progression in Amyotrophic Lateral Sclerosis.' Dr. Amruta Paranjape, a research associate with NGBSI also presented a poster titled 'Neuroprotective benefits of Estrogen and Progesterone enhanced by Cellular Therapy' in International symposium on ALS/MND.

In the year 2016 total 12 articles were published in peer reviewed international journals and 9 articles are under review. Research associates also contributed chapters to 2 books published by NGBSI, on Autism and Motor neuron disease. The team also contributed 2 chapters on stem cell therapy in muscular dystrophy and autism in the books from other publications. Some of the key areas investigated this year were, understanding the neurobiology of Autism using PET-CT scan and Spinal cord injury using fMRI.

NeuroGen BSI is proudly a part of is a collaborative trial initiated by Dr. Wise Young and StemCyte. Dr. Wise young is a neurosurgeon from Rutgers University who is working in the field of spinal cord injury research for over 25 years. There are only 3 centers participating in this trial from India, NeuroGen BSI being one of them. The next phase of the trial will be conducted in multiple countries including USA, India, Norway and China.

Recently a research grant was received from Morton Cure Paralysis Fund (MCPF) for conducting a controlled clinical trial determining benefits of cellular therapy in spinal cord injury. The trial will evaluate 60 patients, 30 receiving stem cell transplantation along with rehabilitation and standard treatment where as the other 30 receiving only standard treatment and rehabilitation. The results of both these groups will be compared after 1 year. The recruitment of patients for this trial will commence soon. Several new trials have been planned in the year 2017 for disorders like Autism, Cerebral Palsy, Duchenne muscular dystrophy and Amyotrophic lateral sclerosis. In view of these upcoming trials we reconstituted the ethics committee for NeuroGen BSI.



Nursing Department





Resident Medical Officers

The Head of the Department of the Resident Medical officers is Dr. Hemangi Sane, MD.

The team is dedicated to provide excellent care 24x7 to all the patients which is safe, effective and comforting during and after Stem cell therapy. Having provided efficient medical care to more than 1000 Inpatients and 3000 Outpatients.

Our Medical Officers team includes 7 doctors

- | | |
|-----------------------|-----------------------|
| 1. Dr. Snehal Sontate | 5. Dr. Shruti Pasi |
| 2. Dr. Sushil Kasekar | 6. Dr. Abhishek Gupta |
| 3. Dr. Kirti Lad | 7. Dr. Amol Salgare |
| 4. Dr. Reena Jain | 8. Dr. Lata Thakur |

The department coordinator is Dr. Snehal Sontate.

First calls are made by the requisite medical officers to inform patients about the admission procedures and all its components. Further, the Pre Operative consents are taken which is a core aspect before Stem Cell Therapy. The Co-ordination happens after instructions from Senior Doctors and the two Consultants Dr. Keyur and Dr. Vrushali Mane.

A milestone achieved during this year was the completion of the adverse event monitoring including seizures for almost 3000 patients. Along with the same telephonic assistance was provided to around 1000 patients for any post operative medical queries. Upgradation of the investigation list as per disease diagnosis has also been a key contribution.

The medical officers have also been instrumental for being a part of the workshops conducted at various places. The team also has been segregated into IPD and OPD structures accordingly.

Being available round the clock for patient care and emergencies has been the strength of the team.



The Finance team is driven towards making monetary transactions for our patients, a hassle-free affair. Like our other spheres, we have seen tremendous growth this year in this aspect as well.

Nutrition Department



We know the importance of good nutrition is crucial in the recovery of our patients. This is why our in-house nutritionist, Mrs Neelam Pancharne, works in sync with our catering staff, headed by Mr Navin Mendon, to ensure that our patients, receive nothing less than an ideal diet.

This year we took it a step forward by providing counseling for our own staff members as well. Workshops were held for our nursing, and housekeeping staff too. We make sure our kitchen staff maintains the utmost standards of hygiene. As we believe that the process of learning is a continuous one, we are also training budding nutritionists.



Our Marketing and Operations team is the backbone of the Institute. The entire onus of handling Press conferences, to manage and organize patient consultations in various states and countries, falls on them. The efficiency of each member has contributed in the growth and expansion of NeuroGen BSI.

A tremendous effort was put in by the team to help create awareness about Stem Cell Therapy, not just locally, but globally as well.

At least two workshops every month, in different parts of India, and one International seminar & workshop, quarterly were held.

Informational talks every month through TV channel, this year, have been useful in reaching even the remote corners of the state in the creation of awareness about the treatment of various incurable neurological disorders through stem cell therapy, which led to an overwhelming response.

This year NeuroGen BSI has been covered by various reputed newspapers, which has lead to almost 1000 articles being published.

A more global reach was acquired through our collaborations with various medical tourism organizations, both domestic and internationally.



Ghatkopar OPD Centre, Mumbai

In 2015, we established a satellite clinic at Chembur (Ghatkopar), bringing our medical care closer to communities that may be far from our primary location in Navi Mumbai. This clinic has been set up in response to ever-growing patient demands and allows our patients more convenient access to our experts. Ever since the initiation of this clinic, there has been a remarkable growth in patient flow. In 2016 the clinic experienced 100% increase in the number of patients coming in for consultation as compared to previous year. The team has also done few awareness activities for the nearby regions.



NeuroGen Brain and Spine Institute: A Global Revolution in Stem Cell Therapy

Traditionally, stumbling blocks like distance, language barriers and political restraints have restricted international collaborations between healthcare providers. With the rising trend of globalization and the ever evolving advancements in digital technologies, healthcare professionals and hospitals are now finding it easier to reach out beyond their local practice. The pioneering efforts of NeuroGen in stem cell therapy coupled with the growing demands of the health care sector and the need for novel therapeutic strategies, has enabled us to overcome all barriers. Since its inception in 2008, NeuroGen has seen a tremendous growth in international collaborations. Our international team has built strong alliances with multiple medical tourism companies across the globe through our MOUs. We have signed a total of 39 MOUs throughout our journey, out of which 20 have been signed in 2016 alone. The year 2016 has also seen collaborations with our three major international partners; NeuroHeals (USA), De Grandel Home for Autistic Children and Adults (South Africa) and Meditourz (GCC countries). We have treated 243 international patients across 48 countries. A majority of these, 134 were treated in the year of 2016. Bearing this in mind, we strive to continue our work with the same enthusiasm and fervour in an attempt to make a difference in the lives of people affected by incurable diseases.



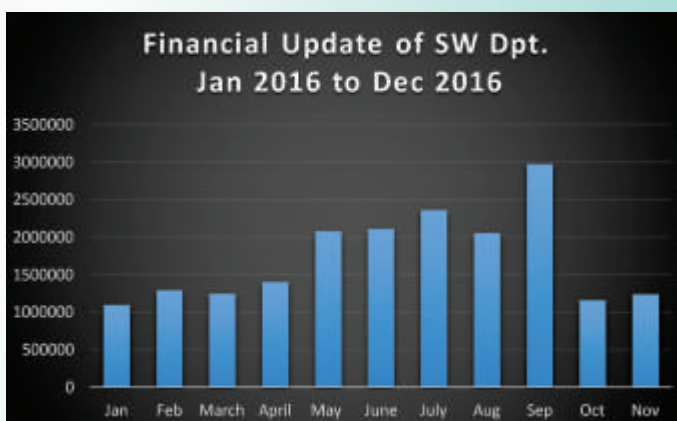
Social Work Department has been able to help more than 350 patients by assisting with financial aid. The team achieved an overwhelming support from trusts / NGOs, the Government of Maharashtra, Andhra Pradesh, Telangana and West Bengal.

In the month of January social work department received wheelchairs from the Angel Link Foundation, which were donated to five financially dependent patients. This helped them mobilize as they were bedridden. Various trusts like Nana Patekar's Trust, Centre for Social Action, Tata Trust Tatachem Golden Jubilee Foundation, Sahatya Trusts, etc. helped some of the needy patients from Mumbai. The team also received substantial aid from The Lioness Club of Upvan, Thane which helped NeuroGen in providing callipers to two patients. Mukul Madhav Trust of Pune too has helped many patients.

The team have collected 200 toys for World Autism Day from a private donor while another donor donated Rs. 30,000 for the program.

The department's major breakthrough was collaborating with the Chief Minister of Maharashtra in terms of substantial financial aid. They are honouring sanction letters from Chief Ministers of other states.

West Bengal has started reimbursing and honouring their sanction letters.





Human Resources:

NeuroGen has an employee base of close to a 100 hardworking and skilled persons of various professions who take pride in the work done here. NeuroGen regards its employees as its greatest asset and therefore continuously strives to provide an environment that attracts best-in-class talent and encourages high-quality performance. A cooperative and productive working environment is the core of the work system that looks to provide team based results and recognizes exceptional individual performance and patient satisfaction. A lot of emphasis is laid on developing and sustaining the right culture for open communication, continuous innovation and performance centric growth.

The HR desk had a successful year 2016 & the following are a few of its key highlights:

- The grievance redressal cell was structured this year to give the employees a platform for expressing their concerns and seeking the right solutions.
- Registration of NeuroGen Brain and Spine Institute in ROHINI of the IRDAI is seen a landmark achievement.
- The starting up of the Provident Fund for our employees with retrospective effect is yet another one.
- Structuring the HR module from offer to exit has been another milestone among other initiatives.
- Over 40 new recruits in various departments and almost zero attrition rate.

Legal:

The In-house legal team was introduced in 2016 and is responsible for all the medico-legal and corporate activities of NeuroGen and strives to keep the Organization in the right sphere in terms of overall lawful abidance.

It is equipped with the appropriate health care and other regulatory laws which are interdisciplinary and focus on the various entities that comprise the entire hospital set up with doctors, long-term care facilities, partners and coordinators, external law management, compliance, statutory adherence and all other timely medical and corporate legal requirements.

In the coming days, the Legal Team aims to be lawfully equipped to achieve maximum accreditation from various National and International Bodies; thus empowering us to be the future torch bearers in the field of Stem Cell Therapy and Neuro Rehabilitation.



The administration team is involved in the continuous functioning processes and improvisation and the same has been achieved in the last year.

Process modifications in terms of reduction of OPD TAT, Admission TAT, and minimum discharge waiting time have all contributed towards patient satisfaction.

The hospitality and insurance team have delivered their best by ensuring hassle free hospitalization experience.

Processes and policies were streamlined and some of the major ones are fire safety, purchase process, leave policies etc.

The administration team has coordinated in setting up new infrastructural advancements, thus ensuring a wholesome quantitative experience at the hospital. The setting up of a new stem cell lab and spinal cord injury walking track, aquatic therapy pool and pore accommodation facilities are some infrastructure additions in the past year.

The smooth functioning of the entire hospital rests on the shoulders of administration team which does its best towards patient care and satisfaction.



A warm welcome from the Reception team. NeuroGen's reception team strongly believes in first impressions and work towards making it the best for its patients.

Here are the activities done by the reception team during previous calendar year at a glance.

Since planning and organizing are the first steps towards implementing good changes, the team further streamlined their processes of receiving and registering calls, e-mails, and OPD records, along with an extensive training in call receiving module to serve our patients better. Also team captains were made with respect to each state with more inbound queries, to address their concerns in the most effective manner.

The team also helped to set up outstation OPD's at Delhi, Vijayawada, Hyderabad, Vishakhapatnam, Jaipur and Jalgaon to reach out to patients who are unable to travel all the way to NeuroGen for consultation and treatment.



A successful adoption of IT can change a firm's service or the way a firm competes in its industry. Many studies present descriptive models for classifying successful strategic adoption and for evaluating the potential of IT. "Information Intelligence delivery" as offering a competitive advantage to corporations, as well as to patients where the mechanisms (i.e. service delivery, quality delivery) provide a useful starting point for identifying specific strategic application of IT on organization's performance and competitive advantage.

2016 can be seen as the year of advancement, speed and upgradation for the IT department. With the increase in the number of employees, we introduced 35 new computer systems this year along with upgradation of old computers to high configuration. All the computer systems in NeuroGen now have licensed operating systems. For the betterment of the employees and smooth work flow the entire building was enabled with a high speed wifi connection. This year two new systems were introduced, first is Network Attached Storage Box which makes the process of storing and organising all the patient videos and patient data smoothly and second purchase of Hospital Management Information System (HMIS) which enables the processing of all the patient information smoothly and at one place.

International Representatives

NeuroGen has witnessed tremendous growth and patients now reach us from various parts of the world. We actively conduct educational workshops and seminars across the globe with the help of our international representatives.

De Grendel Home for Autistic Children and Adults (Africa)

De Grendel Home is a home for Autistic children and adults located in South Africa. The De Grendel team strives to help patients suffering from various incurable neurological disorders. They are also involved in fundraising for these patients. They represent NeuroGen in the African continent. They have been associated with NeuroGen since 2015 and have conducted 5 workshops in different parts of Africa.



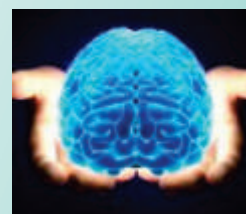
Meditourz (Gulf Countries)

Meditourz represents NeuroGen in the GCC countries. They are a family dedicated to providing patients with the best possible treatment modalities. They are actively involved in raising awareness about incurable neurological disorders and novel therapeutic strategies to treat them. We have been associated with NeuroGen since 2015 and have conducted 3 workshops.



NeuroHeals (North America)

NeuroHeals is NeuroGen's representative in the USA. They are enthusiastically involved in conducting awareness workshops with NeuroGen in different parts of USA. Ever since our association in 2015, we have conducted 7 workshops and seminars in the USA.



Video Creation Services

Mr. Raju Shinde

The proprietor of Video Creation is very well known among most of the top surgeons for his Video Documentation. He is associated with NeuroGen since the beginning and with Dr. Alok Sharma for more than 20 years. His equipments have always been latest and branded giving us the best outcome of any project given to him.



Security Services / Printing / Hospitality Services

NeuroGen Brain and Spine Institute acknowledges the continuous and relentless services provided by Surekha Press, Allied Group Security Force & Eagle Hospitality Services Pvt. Ltd. Known for their high qualitative and efficient services rendered in the past few years, the above three have been playing an integral role. Their valuable assistance has always been an asset in terms of providing services in relation to printing, security, nursing and hospitality services respectively. Having pulled across in crucial and critical situations in all medical and hospital operational services has made us have an association of trust and care with them.



Digital Marketing Services

Digillence Rolson is a Digital Agency in Mumbai that provides end-to-end web services and solutions for building strong relationships between brands and consumers. NeuroGen is associated with Digillence since April 2016. Since then Digillence is continuously working on increasing NeuroGen's web presence and make individuals aware about NeuroGen across the globe. Digillence Rolson understand the fact that visibility is crucial for NeuroGen and never leave a single stone unturned to ensure the same. They create eye-catching websites that help our clients to register effective online presence. Digillence Rolson creates inspiring digital experiences across a plethora of platforms including web and mobile that are informative, appealing and result oriented.



Mediacom Public Relations Services

Mediacom Public Relations, better known as Mediacom PR, is a 15-year-old Mumbai based exclusive strategic communications consultancy agency. They offer boutique consultancy services in the domain of Public Relations and Reputation Management. They have proven capabilities in building public awareness and managing stakeholder relations for NeuroGen in India and different parts of the world. Their unique PR and communication strategies along with some of the finest messaging solutions have offered both intelligence and personality to enhance NeuroGen's market presence and leadership. Mediacom PR has pioneered in 'Healthcare PR services' in India. It is a subsidiary of Comnet Media Ltd., a 360-degree solutions media group.



Cosmos Media

Cosmos Media is a pr firm which specializes in spreading awareness in the arena of medical science under the able and knowledgeable guidance of Dr. Mahesh Chitnis, who has established his credibility through more than 15 years of experience in this field. Cosmos Media is our Public relations partner to create awareness about stem cell therapy and neurological disorder in the state o Maharashtra and neighboring states They have been associated with us since the last 7 years. Through the medium of TV and special medical programs. We have been able to reach out to the interiors of Maharashtra with their support and expertise. They also support NeuroGen for creating awareness through other mediums such as documentaries on various disorders.

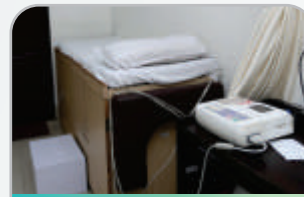




NDC Diagnostic Centre

NDC Diagnostic Centre is associated with NeuroGen Brain & Spine Institute. Located inside the hospital premises, it provides services to our patients throughout the week. They are providing diagnostic services to our patients since 2014.

They have a state-of-the-art diagnostic centre with all facilities from basic blood pathology work-up to special tests of ECG, EMG, Mammography, Eye check up, Microscope testing, USG, X-ray, EEG, Sonography etc all under one roof. They have always provided NeuroGen with immediate and accurate test reports.



ECG



EMG



EYE CHECK UP



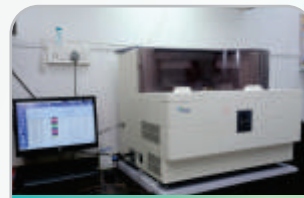
MAMMOGRAPHY



MICROSCOPE



PATHOLOGY



PATHOLOGY



USG



USG



X-RAY

NeuroGen Medical

NeuroGen Medicals is associated with NeuroGen Brain & Spine Institute since year 2014.

NeuroGen medicals are readily available 24X7 for the all needs of NeuroGen hospital & their patients. They also provide home delivery services of medicines to all the patients in India as well as abroad.



IT Associate

Graham Computers

Graham is a leading Information Technology company with more than 2 decades of presence in the Computer Industry with the objective of providing Total IT Solutions. It has been offering us a breadth of expertise in Stand alone systems, Networking, Computer hardware, Multimedia and Communication and tailor made solutions for us since our inception.



Travel Partner

Super Air Travels

NeuroGen Brain & Spine Institute is associated for all travel, ticketing & other tour activities with Super Air Travels which provides its relentless service round the clock. Hassle free and apt facilities are their strengths and we would like to thank them for their continuous assistance.

Accounting Partner

Chartered Accountant & Financial Advisors - Sharma Goel & Co. LLP

An association since our inception is the core of our relationship between NeuroGen Brain and Spine Institute and Sharma and Goel & Co. LLP. All our financial aspects & Statutory Audit were done by them. They review our all financial statements. We accredit our smooth financial transitions in terms of stability to them and are thankful for the same.

Legal Advisory

Legal Advisors - KK Darbha and Associates

NeuroGen Brain and Spine Institute attributes its legal activities and compliances to KK Darbha Associates. Having sailed us through all the required processes smoothly and guiding us at the required legal fora has helped us in immense ways. We extend our thankfulness for all the legal services provided throughout the year.

New Centres

NeuroGen's future expansion plan includes setting up of centres across India as well as in different parts of the world. Some of these will be set up and run in partnership with local doctors and others would be only NeuroGen centres.

The centres will be of 3 types :

Level 1 → OPD Consultation & OPD Rehabilitation only.

Level 2 → Level 1 + facilities for indoor admission & stem cell therapy.

Level 3 → Level 2 + facilities for research & training.

National

1) Delhi : A Level 1 centre is already operational as the "Genesis - NeuroGen "

2) Vadodara (Gujarat) : A Level 2 centre likely to become operational in 2017-2018.

3) Amravati (Andhra Pradesh) : A Level 3 centre likely to be operational in 2017-2018.

International

1) Bahamas : Level 2 / 3 centre likely to be operational in 2017 / 2018.

2) Middle-east : Level 2 / 3 centre likely to be operational in 2017 / 2018.



Proposed Plan of a Level 3 NeuroGen Centre in Amravati (Andhra Pradesh)

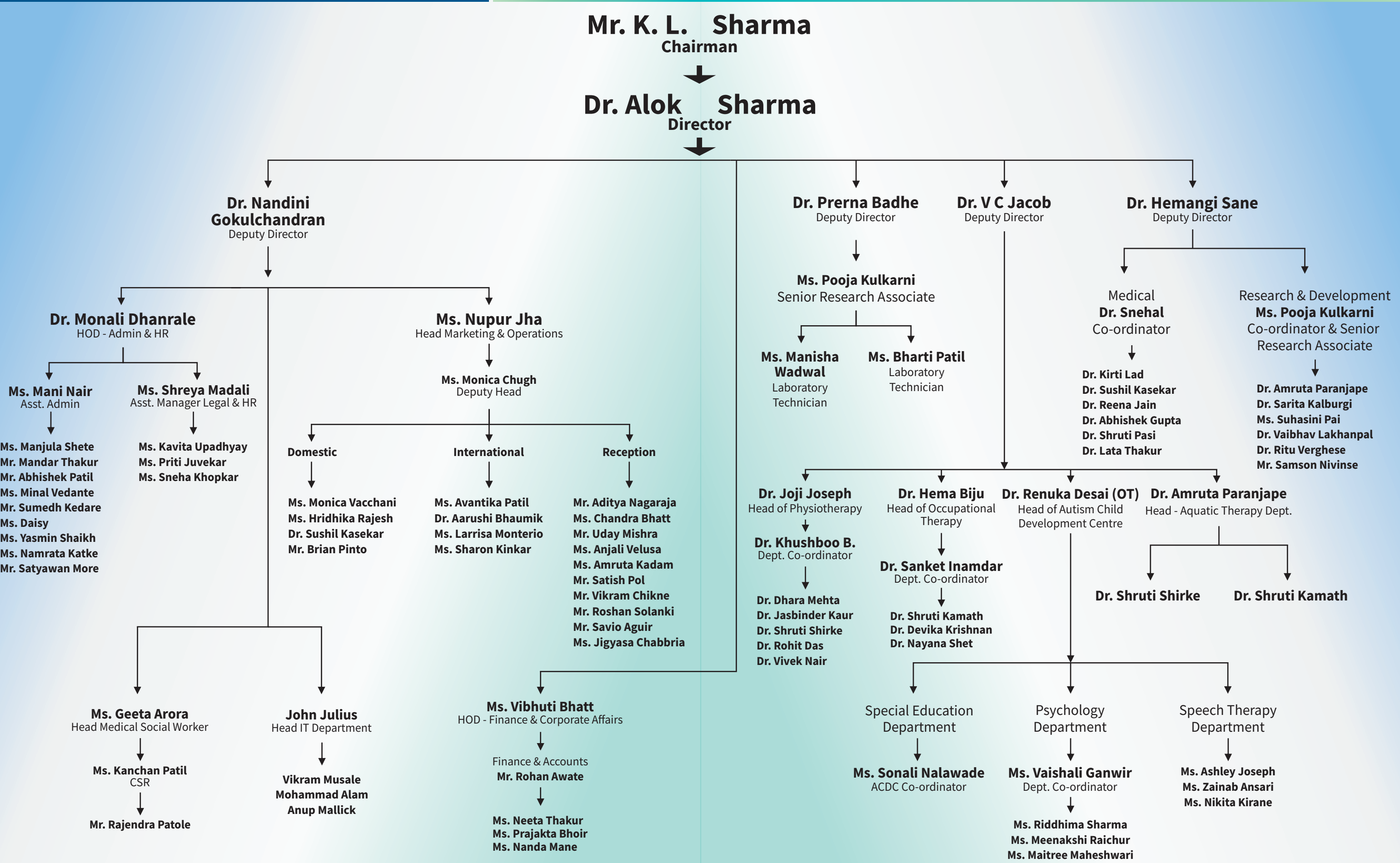
Collaborative projects with government organised.

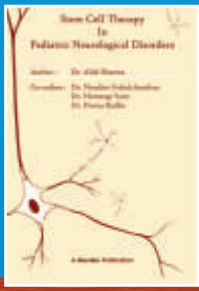
A) Municipal Corporation (Navi Mumbai)

A randomized clinical trial to study effectiveness of autologous stem cell therapy + rehabilitation vs rehabilitation only in children with autism will be conducted in the year 2017. This would be a collaborative project between NeuroGen Brain & Spine Institute and ETC (Vashi) Centre.

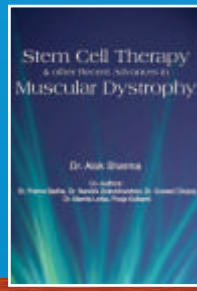
B) Government of Maharashtra

NeuroGen will be collaborating with Government of Maharashtra to provide stem cell therapy service at Super Speciality Hospital, Amravati (Maharashtra).





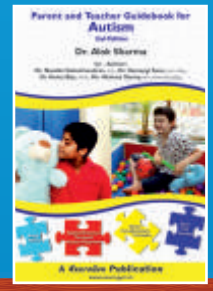
**Stem Cell Therapy
In Pediatric
Neurological Disorders**



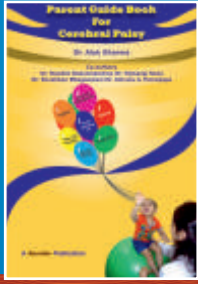
**Stem Cell Therapy &
Other Recent Advances
in Muscular Dystrophy**



**Neurological Disorders
A Handbook for
Family Physicians**



**Parent & Teacher
Guide Book for Autism
2nd Edition**



**Patient Guide Book
for Cerebral Palsy**



**Patient & Parent
Guidebook on
Muscular Dystrophy**



**Stem Cell Therapy in
Neurological
Disorders
3rd Edition**

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G.M. Road, Near Shopperstop &
Amar Mahal Signal, Chembur (W),
Mumbai - 400 089, Maharashtra, India.
Cont: +91 - 8767200400

પેશન્ટ અને પેરન્ટ
માર્ગદર્શિકા
મસ્ક્યુલર ડિસ્ટ્રોફી વિશે



**Neurorehabilitation in
Spinal Cord Injury A guide for
Therapists and Patients**



**ALS / MND
Guide Book
For Patients
& Families**



**Neuro
Rehabilitation-
A Multidisciplinary
Approach**



**Looking after Children with
Autism - A handbook**