

Academics

Courses

The Tamilnadu Dr MGR Medical University, Chennai.

- Ph.D in Orthopaedic Surgery
- Fellowship in Arthroplasty
- Fellowship in Spine Surgery
- Fellowship in Limb Reconstruction Surgery

National Board of Examinations, NewDelhi

- DNB Orthopaedic Surgery
- FNB Spine Surgery
- FNB Trauma Surgery

International Fellowships

Paramedical Courses

- B.Sc Physician Assistant



Academic Director
Prof. Dr. M.V. DANIEL
MS (GEN). MS (Ortho). FACS (Ortho).



Clinical Director
Prof. S Rajasekaran
M.S.(Orth)., D.Orth., D.N.B, F.R.C.S(Ed)., F.R.C.S(London), M.Ch. (Liverpool)., FACS, Ph.D

Academics has been one of the strong pillars of Ganga Hospital and the high academic standards has helped to place Coimbatore in the world map of training centres in both orthopaedics and hand surgery. The institution was one of the first in the country to be recognised for basic orthopaedic post graduate training and the first for super speciality training in spine surgery. The orthopaedic unit also is recognised for PhD in orthopaedic surgery and runs numerous fellowships which are fiercely competed for both nationally and internationally.

The academic activities are supervised by the Academic Director Prof M V Daniel, Former Head of Department of Orthopaedic Surgery, Christian Medical College, Vellore and guided by Dr S Rajasekaran, Clinical Director. Prof Daniel is also the Chairman of the Institutional Review Board of the research wing of the unit. His vast experience in the field for many decades and his passion for discipline and documentation have been a strong strength for the unit.

Formal Courses

PhD Course in Orthopaedics Surgery

The orthopaedic unit has a PhD course that entails research in both clinical and basic science in any field of orthopaedic surgery. The four year programme enrolls full time research workers. The research work is funded by Ganga Orthopaedic Research & Education Foundation.

FNB Spine Surgery

The Spine Department was the first unit in India to be recognised by the National Board of Examinations, New Delhi, for super-speciality training in Spine Surgery. The fellows are selected by an All India Entrance Examination and the two year course is open to both Orthopaedic and Neurosurgeons..

FNB Trauma Surgery

The busy trauma unit with a large turnover of cases is recognised by the National Board of Examinations, New Delhi for two-year super speciality training in trauma surgery.

Diplomate of National Board (DNB) in Orthopaedic Surgery

The department is recognised for Post graduate training in Orthopaedic Surgery by the National Board of Examinations (NBE) since 1997 and currently trains six candidates every year.

The Tamilnadu Dr M.G.R Medical University fellowships

One year super speciality fellowship training programmes are offered in the fields of Limb Reconstruction Surgery, Arthroplasty Surgery and also Spine Surgery. These fellowships offer a well-balanced curriculum and training involving clinical and research work.

B.Sc. Physician Assistant, Emergency and Trauma Management Course

This course is conducted in collaboration with Avinashilingam University. The students are formally trained to provide diagnostic, therapeutic, and preventive health care services.

Till Date :

- DNB Orthopaedic Surgery - 44
- FNB Spine Surgery - 19
- FNB Trauma Surgery - 2
- B.Sc Physician Assistant - 36
- WOC Training Fellowship - 89
- International Fellowship - 55

D.N.B POSTGRADUATES

2008

Dr Sudhir G
Dr Muthukumar S
Dr Satyanarayana Reddy
Dr Ravikumar P

2009

Dr Ajay Gahukamble
Dr Barun Kumar Golwara
Dr Kunal Ajay Shah
Dr Noel Naleen Kumar

2010

Dr Balachandra Gopalan
Dr Deepak R
Dr B M Venkatdeep
Dr Sudheer Kumar Reddy K
Dr Sivaraj
Dr Radhakrishna V N

D.N.B POSTGRADUATES IN 2010



Dr Sudhir, Dr Balachandra Gopalan, Dr. Muthukumar, Dr Barun Kumar Golwara, Dr Noel Naleen Kumar, Dr Ajay Gahukamble, Dr Deepak R, Dr Kunal Ajay Shah, Dr Sivaraj, Dr Sudheer Kumar Reddy K, Dr Radhakrishna V N, Dr B M Venkatdeep,

Prof. Dr. MV Daniel Gold Medal



Prof. Dr. MV Daniel

Prof. Dr. M.V. Daniel Gold Medal

This gold medal has been introduced in the name of Prof. Dr. M.V. Daniel, our Academic Director, and will be awarded to the Resident Doctor in the department of Orthopaedics who has exhibited exemplary commitment towards patient care.

The Gold Medal for the year 2008, 2009 and 2010 has been awarded to Dr. Devendra A, Dr. Srikanth KP and Dr. Ravichandra Vattipalli respectively



Dr. Devendra A receiving the Prof. Dr. MV Daniel gold medal 2008 from Chairman Dr JG Shanmuganathan



Dr. Devendra
Recipient of the award in 2008



Dr. Srikanth KP
Recipient of the award in 2009



Dr. Ravichandra V
Recipient of the award in 2010



Ganga Institute of Health Sciences

Ganga Institute of Health Sciences was inaugurated in 2010 with the aim of producing highly skilled graduates in nursing and allied fields, who will serve with compassion and commitment.

The Institute that comprises of the nursing College and the Nursing School is situated in Vattamalaipalayam, 8 kms from Ganga Hospital. The 13.4 acre campus houses the spacious 45,000 sq. ft structure encompassing class rooms, Pre Clinical labs, library, auditorium and women's hostel.



Courses Offered:

- Diploma in Nursing & Midwifery
- B.Sc., Nursing – 4 years
- Post Basic B.Sc., Nursing – 2 years
- B.Sc., Physician Assistant
(Emergency and Trauma Management) – 4 years.

Visiting Professors

The institution has grown with the culture of inviting visiting professors every year which is of great benefit to the entire team. Pioneers in various specialties are invited to deliver lectures, take ward rounds and to perform surgeries in their areas of specialization. This gives a wonderful opportunity for all the staff members of the team from the trainee to the senior consultant to update themselves and learn the tips and tricks.



Visiting Professor 2008



Prof. Marc F Swiontkowski
USA

We were privileged to have Prof. Marc F Swiontkowski from the University of Minnesota, USA as our visiting professor for the year 2008.

He is an eminent orthopaedic surgeon with special interest in major complex trauma reconstructions, femoral neck fractures in young individuals, non-unions and has done extensive research in the management of open injuries.

A national level trauma symposium was organized at the end of the week which was attended by over 200 delegates from all over India.

Visiting Professor 2009



Prof. Jegan Krishnan
Australia

Prof. Jegan Krishnan from Flinders Medical Centre & Repatriation General Hospital, Adelaide, Australia was our visiting Professor for the year 2009.

He is a member of several professional bodies including The Australian Shoulder and Elbow Society, the Australian Hip Society and the Australian Hand Surgery Society.

He was awarded the prestigious American British Canadian Travelling Orthopaedic Fellowship 2000.

Visiting Professor 2010



Dr Oheneba Boachie
USA

Dr Boachie is Professor of Orthopaedic Surgery at Weill Cornell Medical College and Chief of the Scoliosis Services and Associate Attending Orthopaedic Surgeon at Hospital for Special Surgery and New York-Presbyterian Hospital.

Dr Boachie was our visiting professor for 2010. He has won numerous awards for his research work including the prestigious Russell Hibbs Award for the Best Clinical Research Paper (SRS 2002) and the Louis Goldstein Award for the Best Clinical Poster at SRS (1999, 2002).





Dr. S Rajasekaran with Prof. James Scott Prof. Frank Horan and Prof. David Jones during their visit to Ganga Hospital in 2008

Prof James Scott, London (Chief Editor, Journal of Bone and Joint Surgery (B))

"Immensely impressed with all aspects of the hospital, the breadth of pathology, the extraordinary high standard of surgery and ancillary care, teaching and training".

Prof Frank Horan, London(Emeritus Editor, Journal of Bone and Joint Surgery (B))

"A most enjoyable visit. I am immensely impressed by the organisation and standards of case which are quite outstanding".

Prof David Jones, London (President, British Orthopaedic Association)

"This visit confirms the world class set up in Ganga Hospital. I have heard so much about it and was not disappointed.The clinical excellence and hospitality were unforgettable".

Prof Jean Dubousset, France

"I discover not only the quality of the work done here on clinical, pathological and research field but also the amount of psychological, social and moral care that are given to the patient and their family. In addition the exceptional organisation lead to an exceptional efficiency and I will encourage all people of my country not only the scientific ones but also the administrative manager of our public hospital to come and see what it is done in Ganga Hospital."



Mrs. & Prof. Jean Dubousset , France during their visit to Ganga Hospital



Mike Lawrence, Associate Editor, JBJS (B), UK

Prof Mike Lawrence, UK

"It was a great pleasure to visit the hospital and see the amount of complex trauma patients being treated with a different philosophy"

Visit of the Royal College of Surgeons of England

A delegation from the Royal College of Surgeons of England visited Ganga Hospital in May 2010



The Japanese Society for Spine Surgery and Related Research



Dr Tamoaki Koakutsu
Japan

I am very delighted to visit such a famous spine centre. The experience was very useful



Dr Ikuho Yonezara
Japan

Many cases and excellent Surgical techniques were amazing. I spent delicious time in the department of orthopaedic surgery during this visit.



Dr Mitsuhiro Kamiya
Japan

I will not forget your great surgeries and spicy Indian food forever. Good and enjoyable experience



Dr Minori Kato
Japan

I am very happy to study with Dr S Rajasekaran in Ganga Hospital. Thank you very much for your kindness.



Dr Hiromu Ito
Japan

I was amazed at how efficient and productive this hospital is. I enjoyed a lot and learnt a lot. Thank you for your hospitality.



Dr Masohito Takahashi
Japan

I am glad to see you all staff and fellows and to study large variety of cases including TB spine.

International Fellows



Dr Abdalla Elimam
UAE

"I give my grateful thanks to Dr Rajasekaran for inviting me to undergo training fellowship in trauma in Ganga Hospital"



Dr Alushula Daniel Ongong
KENYA

"I appreciate the commitment, togetherness, team work and aboe all one goal to all-help the one person - PATIENT"



Dr James Otieno Obondi
KENYA

"Your institution is honoured and is a hallmark in pursuit of medical excellence. Keep it up. God bless you"



Dr Magdi Mohammed
UAE

"Although this is a private hospital it is ethical, patient is the top priority, the second thing is the support that it gives to education & research"

Major Courses & Conferences 2008-2010

COMBINED INSTRUCTIONAL COURSE OF ISSLS & ASSI

(International Society for the Study of Lumbar Spine, Canada) &
ASSI (Association of Spine Surgeons of India)
Date: 17th - 20th January 2008



We hosted the First Instructional course of the ISSLS in India as a pre-conference event on the theme "Show me the Evidence".

International Faculty:
Gunnar Andersson, USA
Margareta Nordin, USA
Stefano Boriani, Italy
Raghu Natarjan, USA
Alan Hammer, UK
Robert Pflugmacher, Germany

Marek Szpalski, Belgium
Alexander R Vaccaro, USA
Ashish Diwan, Australia
Vijay Goel, USA
Anand Agarwal, UK
Dennis McGowan, USA

Ganga Operative Spine Course

30th April to 3rd May 2009



Ganga Operative Spine Course was conducted by the Spine Unit of Ganga Hospital in association with the Association of Spine Surgeons of India and AO Spine. 300 delegates from all parts of the world attended the course.

International Faculty:
Kuniyoshi Abumi, Japan
Max Aebi, Switzerland
JY Chung, Korea
Michael Grevitt, England
Keith Luk, Hong Kong
Hee Hwan Tak, Singapore
S Govender, South Africa
Janusz Bonkowski, Newzealand

Ganga Ortho Physio Course

Date: 18th & 19th July, 2009



Ganga Ortho Physio Course 2009 was organized with the aim of bringing the orthopaedic surgeon and the therapist together so that all common orthopaedic problems can be discussed in great detail.

Faculty:
Dr. Ramamoorthy, Coimbatore
Dr. Tj Ranganathan, Coimbatore
Dr. Ali Irani, Mumbai
Dr. Edmound D'coutho, Coimbatore
Prof. Nagarani, Coimbatore
Prof. Gladson Jose, Erode
Prof. Arun Vijay, Coimbatore
Prof. Rajan Samuvel, Salem
Prof. Parameshwari, Coimbatore
Prof. Amal Mohan, Chennai

Ganga Orthopaedic Trauma Course

23rd - 25th October, 2009



Ganga Orthopaedic Trauma Course was conducted from 23rd to 25th October, 2009. The aim of the course was to emphasize on principles and practice of trauma surgery with update on current trends.

International Faculty:
Jegan Krishnan, Australia
Ruurd Lukas Jaarsma, Australia
Peter Tamblyn, Australia

POSI - POSNA Paediatric Fracture Course

23rd & 24th October 2010



The POSI-POSNA Paediatric Fracture Course 2010 was conducted by eminent faculty both from POSNA & POSI.

International Faculty :
Kaye Wilkins, Texas, USA
Elizabeth Szalay, New Mexico, USA
Marcella Woiczik, Saltlake city, Utah, USA

Ganga Operative Trauma Course 2010

September 23 to 26, 2010



Ganga Operative Trauma Course 2010 was specially designed to be unique to provide a comprehensive update of the commonly and rarely performed trauma surgeries.

International Faculty:
Michael Blauth, Austria
Freed Kagda, Singapore
Pol Rommens, Germany
Takeshi Sawaguchi, Japan

Ganga Operative Arthroplasty Course 2008



Dr. JL Briard
France



Dr Manjit S Bhamra
UK



Dr. Med. Heiko Graichen
Germany



Dr Michael O' Sullivan
Australia



Dato Dr K S Sivananthan
Malaysia



Dr Jegan Krishnan
Australia

Ganga Operative Spine Course 2009



Kuniyoshi Abumi
Japan



Max Aebi
Switzerland



Chung Chek Wong
Malaysia



Anand Agarwal
United Kingdom



Janusz Bonkowski
New Zealand



JY Chung
Korea



Michael Grevitt
United Kingdom



Keith Luk
Hong Kong



Hee Hwan Tak
Singapore

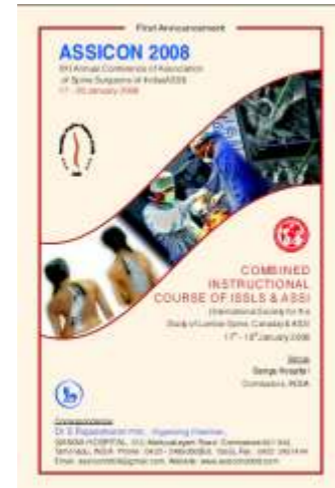
ASSICON 2008 & Combined Instructional Course of ISSLS & ASSI 2008



Gunnar Andersson
USA



Alexander R Vaccaro
USA



Vijay Goel
USA



Dennis McGowan
USA



Marek Szpalski
Belgium



Anand Agarwal
United Kingdom



Robert Pflugmacher
Germany



Margareta Nordin
USA



Alan Hamner
United Kingdom



Ashish Diwan
Australia



Raghu Natarajan
USA



Stefano Boriani
Italy

Ganga Operative Trauma Course 2010



Prof Takeshi Sawaguchi
Japan



Prof Michael Blauth
Austria



Fared Kagda
Singapore



Prof Pol Rommens
Germany



Ben Hewitt
Australia

Ganga Orthopaedic Trauma Course 2009



Peter Tamblin
Australia



Ruurd Lukas Jaarsma
Australia



Dr. Ben Hewitt
Australia



Prof. Rene Zellweger
Australia



Prof. Kaye Wilkins
USA



Prof Elizabeth Szalay
USA



Prof Suren Krishnan
South Australia



Prof Marcella Woiczik
USA

Dr APJ Abdul Kalam with a patient in the "SWASAM" ward during its inauguration on 3rd May 2008



Service to others is the rent we pay for the privilege of living on this earth

- Muhammed Ali



Ganga Hospital has been sensitive to its obligations to the society and has been an enthusiastic partner in many social service projects. The ongoing projects of both the orthopaedic and plastic departments were consolidated and new ones initiated under one umbrella of 'Project SWASAM' which was inaugurated by Former President Shri APJ Abdul Kalam on 3rd May 2008. The project has literally brought a 'breath of new life' to hundreds of patients leading cutting-edge technology but who could not afford it.

10 Projects under 'SWASAM'

- Project Helpline - Free deformity correction surgeries
- "Help for the Hands in Need" Project
- UYIR – People's Movement against road accidents.
- Road Safety & First aid awareness programmes for School Children and college students
- Ganga Hospital Accident Helpline Centres
- Ganga Free First Aid Centre with St John's Ambulance, Tirupur
- Project 'Smile train'
- Ganga Hand Injury Support Group
- Educational activities under Ganga Orthopaedic Research & Education Foundation
- Rural Health programmes.



"Visiting your hospital and seeing your Helpline project made me believe in God (for a person who is a non-believer). God resides not in our imaginations, but in the good intentions of people like you".

- Suhashini



A People's Movement Against Road Accidents

Unfortunately more Indians between the age of 25-40 die on the roads than by any disease. A study by the hospital revealed that 60% of the accidents were caused by rash driving and non-adherence to road safety rules. UYIR is a collaboration of Ganga Hospital with Rotary Clubs of Dist 3200 to increase public awareness and compliance to road safety rules. Many meetings are held with public transport drivers, policemen, school and college students about road safety rules and on first aid measures.

- 1,10,000 death per year on Indian roads
- One death every 6 minutes
- By 2020, every 3 minutes

You cannot create life,
you can save one



Chief Minister's Below Poverty Line Scheme.

Total Number of Cases Upto 31 Dec 2010		
1.	Total Knee Replacement	849
2.	Total Hip Replacement	220
3.	ACL Reconstruction	280
4.	Long Bone Trauma	2571
5.	DHS	335
6.	Bipolar Hemiarthroplasty	337
7.	Spinal Fusion	434
8.	Discectomy	443
9.	Laminectomy	142
10.	Scoliosis	049
11.	Tb Spine	026
12.	Kyphosis	011
13.	Spinal Tumor	018
14.	Fracture Spine	093
15.	Hand And Plastic Surgery	1203
16.	Others	678
Total		7011

Accidents and life threatening diseases pose a major crisis especially to people who are below poverty line. The Tamilnadu Government Chief Minister's Below Poverty Line Scheme is a great boon to these patients. From the time of its inception, the orthopaedic unit has willingly participated in the scheme in spirit and action and to date has performed more than 7000 major orthopaedic spine and joint replacement procedures making it the largest service provider of a single speciality in the country.

Total cost of surgical procedures
Rs. 41.1 crores
Total Government reimbursement
Rs. 21.3 crores
Total Hospital Subsidy
Rs. 19.8 crores

Ganga Hospital Accident Helpline Centres



The Accident Helpline Center in Palaghat

Ganga Hospital in association with Rotary District 3200 has started Accident Help line centres at areas including Mavuthampathy, Kanjikode, Madhukarai by-pass and Palghat. The aim of these centres is to provide immediate aid to highway accident victims and transport them to the nearest hospital. Ambulances are stationed at all these centres, manned by the paramedical staff of Ganga Hospital. To date, 650 high-way road traffic accident victims have been resuscitated by these centres and transported for immediate specialist care.



The Honorable Governor of Tamil Nadu, Sardar S. S Barnala felicitates the Dr. J. G. Shanmuganathan, Chairman, Ganga Hospital

Ganga Free First Aid Centre with St John's Ambulance, Tirupur

Ganga Hospital along with St John's Ambulance Services started a Centre for free First aid care at Tirupur on 27th May 2001. The center aims at providing emergency care and ambulance services to transport traumatized patients to the nearest parent centre at the earliest. Since its inception, 41,593 patients had benefited, with 20,804 patients treated in 2004-05.

"Freedom from Pain Walk"

Joint pain and back pain disable more than 170 million Indians, incapacitating them from normal professional and leisure activities. Medical advances such as joint replacement surgery has been a boon to such patients providing them a second lease of life with freedom from pain.

The arthroplasty unit of Ganga Hospital has played a lead role in increasing the awareness of these cure among the public and carrying the benefits of surgery to the poor and needy. Every year, a walkathon programme is conducted where patients who have undergone total joint replacement participate in a walk and games competition signifying the conquest of pain.



Patients who underwent joint replacement participating in a walk-race during Walkathon 2010



(Above) :Cine actor Sivakumar inaugurating the Walkathon 2009

(Right) :Famous playback singer Padmashree Dr. S.P. Balasubramaniam inaugurating the Walkathon 2010





Prof. Gunnar Andersson, Rush University Medical Centre, Chicago, inaugurating the Ganga Spine Microsurgery Training Centre in January 2008

Ganga Spine Microsurgery Training Centre was inaugurated by Prof. Gunnar Andersson, Chairman, Dept. of Orthopaedic Surgery, Rush University Medical Centre, USA in January 2008. To transfer the knowledge and experience of the unit, the spine department of Ganga Hospital in collaboration with Carl Zeiss started a unique microsurgical training centre equipped with a permanent wet lab utilizing the latest Zeiss operating microscopes and high quality surgical instruments, which will be first of its kind in the world.

The purpose of the course is to establish and strengthen the foundation of microsurgical skills in spine surgery. The course has two modules. In the clinical training module, the trainee spends two days in the operating theatre assisting and observing spinal microsurgeries along with other spinal instrumentation surgeries. In the lab module, the trainee is given hands-on training in the wet lab. The course is designed to benefit practising orthopaedic surgeons, spine surgeons and neurosurgeons by teaching them the nuances and techniques of basic microsurgical procedures like lumbar microdiscectomy, micro decompression, anterior cervical microdiscectomy, intra dural surgeries and repair of dural tears.



Trainees gaining skills in the wet-lab

Trainees in the past two years..

International

- Dr Abdul Halim Yusof, Malaysia
- Dr Ahmed Tajuddin, Abdullah, Malaysia
- Dr Lim Phaik Gan, Malaysia
- Dr Abu Baker, Bangladesh
- Dr Khoo Eng Hooi, Malaysia
- Dr Kishore Kumar M, Muscat

National

- Dr Pankaj G Gujar, Maharashtra
- Dr Rajiv Shah, Vadodara
- Dr Muthuraj, Nagercoil
- Dr Ajay Krishnan, Surat
- Dr Arul Durai Arasu, Dindigul
- Dr Thiraviam T, Nagercoil
- Dr Ashok D, Trivandrum
- Dr Sachithanandam V, Erode
- Dr Saheel Maaqid, J & K
- Dr Renjit Kumar J, Kerala
- Dr Ashok M Ghodke, Mumbai
- Dr Ravi K, Kerala
- Dr Rashid A S, Kerala
- Dr Abdul Jaleel T K, Kerala
- Dr Sunil Kumar H, Bangalore
- Dr Ramanand Mishra, Gorakhpur
- Dr Mallikarjuna Reddy, Karnataka
- Dr B V R N Varma, Vizag
- Dr Sundararajan N D, Gopichettipalayam
- Dr Natesh J, Bangalore
- Dr V.Surya Prakash Rao, Hyderabad
- Dr Mathew P Daniel, Kerala
- Dr Sudheer U, Kerala
- Dr Antony Joseph Thoppil, Kerala
- Dr Gowrishankar Swamy LG, Bangalore
- Dr Karthikeyan R, Coimbatore
- Dr Rajesh Khanna G, Chennai
- Dr Jim F Vellara, Thrissur
- Dr Rahul Singh, Saharanpur
- Dr Shanmugasundaram P, Chennai
- Dr Gautam Prasad, Mumbai
- Dr Venugopal S, Bangalore
- Dr Veushj Sharma, Punjab

There is a huge demand for bone graft at our institution due to the enormous number of polytrauma and tumor patients who need complex reconstructive procedures.

The Tissue Bank at the Department of Orthopedics at the Ganga Hospital was launched with the technical assistance from Tissue Bank at the Tata Memorial Hospital Mumbai. Located within the hospital premises, it is a self-funded, non-profit tissue bank aimed at providing class leading service. It is only the third tissue bank in India to use Gamma irradiation as a method of sterilization. The bank follows International Atomic Energy Agency (IAEA) standards followed by most of the Tissue banks in the world.

The bank is currently using well processed and gamma irradiated cortico cancellous bone allografts from tibial slices and femoral heads, bones from amputated stumps in various clinical conditions like comminuted fractures and Non-unions with bone loss of both upper & lower limbs, revision joint replacement surgeries, tumor and spinal fusion surgeries. The grafts are screened for HIV, HCV, HBV and syphilis to eliminate risk of disease transmission.

Dr. P. Dhanasekara Raja has received the Degree of Diploma in Tissue banking from National University of Singapore. Dr. Devendra is the Scientific Officer in charge of preparation, processing, storage and transportation of the allografts. He has received training in the Tata Memorial Bone Bank in Mumbai and has also undergone training in the National University, Singapore.



Dr. Devendra using the Wet Laboratory with ultrasonic cleanser, Incubator & Water Shaker bath



Dr. P. Dhanasekara Raja receiving the Diploma in Tissue Banking Certificate from Prof Aziz Nather, Director of Tissue Bank, National University of Singapore.



Fresh frozen allografts: Long bones with triple wrap and bone slices packed in PE boxes are stored after gamma irradiation

Allografts Processed at Tissue Bank			
Type of Graft	2008	2009	2010
Femoral heads	67	117	78
Tibial slices	45	144	37
Strut Grafts	15	20	10



Grade IIIB Open comminuted fracture of distal femur with 13cm bone loss treated by single stage reconstruction with fibular strut graft and autografts.

Awards and Distinctions



ASSICON (Association of Spine Surgeons of India) 2011 Conference
Jan 27 to Jan 30, 2011 at Hotel Trident, Mumbai

Dr S Rajasekaran delivering the PRESIDENTIAL ORATION on Friday, Jan 28th on 'Can India lead the world in Academics & Health Care Delivery'

ASSI - Clinical Research Award - 2011: for the paper on " Disc Prolapse Results from End Plate Failure rather than rupture of Annulus Fibrosus. Results of a Comprehensive Clinical, Radiological, Histopathological and Intraoperative Microscopic Analysis of 147 Lumbar Disc Herniations. Dr S Rajasekaran

ASSI - Basic Sciences Award - 2011: for the paper on "The Genetic Basis of Degenerative Disease of Human Lumbar Discs.. An Evaluation of the Association of 58 Single Nucleotide Polymorphisms in 35 Structural, Degradative and Inflammatory Candidate Genes with Lumbar Disc Degeneration. Dr S Rajasekaran

Hunterian Professorship 2011/2012

Dr S Rajasekaran has been awarded the prestigious Hunterian Professorship for the year 2011/2012 by the Royal College of Surgeons of England. He will deliver the lecture on "Buckling collapse of Paediatric spine" on September 13th 2011 at Dublin during the combined congress of British Orthopaedic Association and Irish Orthopaedic Association

IOA President Elect 2011

Dr S Rajasekaran has been elected to the post of the 'President-Elect' for the year 2011 of the Indian Orthopedic Association (IOA), the premier academic body of Orthopedic surgeons in India

ASSI President 2011

Dr S Rajasekaran has been re-elected to the post of the President of the Association of Spine Surgeons of India (ASSI) for the year 2011



ASSI Textbook of Spinal Infections and Trauma

Dr S Rajasekaran is the Chief editor for the ASSI textbook of Spinal Infections and Trauma. Dr Ajoy Prasad Shetty is the co-editor of this textbook. The text book was released at the ASSICON 2011 held at Mumbai in January 2011



Dr S Rajasekaran has been appointed as an Executive Editorial Board member of the 'European Spine Journal' which is the official publication of Eurospine, the Spine Society of Europe. He has also been appointed as the deputy Editor in the 'Spine' journal which is the largest circulated super-speciality journal in the field of spine surgery



Awards and Distinctions



TNOA Prof P Dhanarajan Medal for Innovative work in orthopaedic trauma was won by Dr J Dheenadhayalan at TNOACON 2011, Madurai, for his presentation titled 'An Innovation for Perfect Docking in Bone Transport for Grade IIIB Open tibial fractures with bone loss'

TNOA- Prof M Ramanathan Consultant - Gold Medal was won by Dr Ajoy Prasad Shetty for his presentation titled 'Safe Techniques in minimally invasive Pelvic fracture fixation. Role of CT based Pelvic morphometry and use of ball probe technique' at TNOACON 2011 held at Madurai



BEST PAPER AWARD - POSICON 2011 was won by Dr K Venkatadass for his presentation titled 'Ultrastructural changes in the intervertebral discs due to altered mechanical loading - An electron microscopic analysis using scoliotic disc as biologic model.' at POSICON 2011 held in Chandigarh.

Dr Balavenkatasubramanian took over as the founder President of the Academy of Regional Anesthesia of India



TNOA Prof C Vyageswaradu Medal was won by Dr S Rajadurai for his presentation titled 'Management of bone defects in Primary Total Knee replacement - A two years study at TNOACON 2011 held at Madurai'

ASSI - Young Investigator Award - 2011: for the paper on " A Validated New Spine Surgery Specific Morbidity Score to Predict Postoperative Morbidity and Mortality in Elective Spine Surgery. Development and Validation of a New Spine Surgery Specific Morbidity Score to Predict Postoperative Morbidity and Mortality in Elective Spine Surgery".



TNOA Prof A Subramaniam - Gold Medal was won by Dr S Sakthi Kanal for his presentation titled 'The genetic basis of degenerative disease of Human Lumbar discs' at TNOACON 2011 held in Madurai

2011.... New Year ... New Milestones...



Dr. Dhanasekararaja has been awarded the Adult reconstructive fellowship at Ranawat Orthopedic Centre for the year 2011. He will visit Hospital for Special Surgery, NewYork.

Dr.Subbiah M has been awarded the Travelling fellowship of the Asia Pacific Orthopedic Association for 2011. He will visit spine centres in Beijing and Japan



Dr. Rishi Mughesh Kanna has been selected to undergo fellowship training in spine surgery at Queens Medical Centre, Nottingham, UK

Dr. Ashok Thomas has been awarded the AOSpine India Research grant for the study -"Spinous Process Splitting decompression Vs Conventional decompression in Lumbar Canal Stenosis".



Dr. Janardhan Yerramshetty Ph.D has joined the department as Research Co-ordinator

Department Secretaries

The organisation of conferences and the academic activities of the Department are ably assisted by the Departmental Secretaries Mr Mohana Krishnan V and Mr Prabhu G.



Mr Prabhu G & Mr Mohana Krishnan V