



**DEPARTMENT OF PLASTIC SURGERY,
HAND SURGERY AND RECONSTRUCTIVE MICROSURGERY**

Activity Report 2003



IMPRESSIONS - 2003



GANGA HOSPITAL, Coimbatore, India.
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Ganga Medical Centre and Hospitals Pvt. Ltd.

Shanmuganathan Kanakavalli Speciality Centre for Trauma, Orthopaedics, Plastic Surgery Hand Surgery and Reconstructive Microsurgery



Dr. J.G. Shanmuganathan, MBBS. DA (Lond)., Chairman &
Mrs. Kanakavalli Shanmuganathan, Managing Director .



Dr. S. Raja Sabapathy,
Head of the Department,
Plastic, Hand & Reconstructive Microsurgery



Dr. S. Rajasekaran
Head of the Department,
Orthopaedics, Trauma & Spine Surgery



"THE TEAM"



Dear Colleagues,

This is an occasion to share with you the developments and progress made in the year 2003. Looking back is the first step towards marching forward. I always love this opportunity of writing the first few lines of the activity report every year. It helps us to measure our work against what we proposed at the beginning of the year and to raise the bar for the next year.

'Let us do everything a little better', was the theme for the year 2002 and for 2003 the theme was to 'Take Technology to the Masses'. The following pages will outline

*the avenues by which we did them. I think we fairly succeeded in that, because a visitor after spending 2 months in our department had penned these words in our visitor's book. '.....**Equally I am impressed with the number of people being cared by Ganga from low income group who throng this hospital. I don't know how it works – the system; but it reinforces my faith in God because the care these poor people are getting is world class***



*For 2004, the theme will be '**Reach out by Expanding the Boundaries**' We plan to do this first by expanding the services that we provide. We plan to expand our centre which will have a*

*Burns unit and a separate clinic for Brachial Plexus and Peripheral Nerve Injuries. Secondly our expertise will be available free on the net (see What is New?) We will continue to serve as a centre for training in trauma reconstructive surgery. Every person trained will provide services to so many needy patients, which we never can hope to do it ourselves. That will make us a step closer to our **Vision 2012**, which we published last year.*

We thank Lord Almighty for His Blessings and seek His continued guidance for years to come.

S. Raja Sabapathy

Dr S Raja Sabapathy

Head of the Department, Plastic, Hand & Reconstructive Microsurgery

STATISTICS OF THE OPERATIVE PROCEDURES - 2003



A 16 year old boy lost all the fingers of his right hand in an industrial accident. First we covered the back of his hand with tissues from the abdomen. To make his hand useful, microsurgically we transferred the great toe from one foot in place of the thumb.

Contd...

METHODOLOGY OF RECORDING

Every new patient who undergoes a surgical procedure gets a serial number. Procedures in the Hand and Upper Limb are recorded separately and all others are recorded under General Plastic Surgery category. If one patient undergoes multiple procedures, even at intervals he or she is considered as one patient for statistical purposes. All operations done are recorded in a nominal register. If similar procedures are done, for example skin grafting at different sites it is considered as only one procedure. But if an individual has a flap cover and later tendon grafts it is considered as two procedures.

HAND SURGERY

FINGER INJURIES

Primary Skin Suturing	70	
Nail Bed Repair	181	
Nail Bed Graft	12	
Straight Triangular Flaps	61	
Oblique Triangular Flaps	46	
Cross Finger Flaps	83	
Antenna Procedure	1	
Reverse Dermis Flap	1	
Little Island Flap	3	
First Dorsal Metacarpal Artery Flap	3	
Dorsolateral Flap	1	
Transposition Flap	13	
Composite Graft	5	
Split Skin Graft	32	
Full Thickness Skin Graft	14	
Shortening And Closure	162	
Ray Amputation	5	693

OTHER FLAPS IN UPPER LIMB

Abdominal/Groin Flap	56	
Transposition Flap	10	
Posterior Interosseous Flap	9	
Reverse Radial Forearm Flap	2	
Becker's Flap	2	79

REPLANTATIONS

Forearm	1	
Hand	3	
Thumb	14	
Fingers	23	
Scalp	1	42



Later the second toe from the other foot was transferred in place of a finger, to enable him to hold objects. With this he is doing almost all the activities he was doing before. Part of the procedures were done under the Help for the Hands in Need Project, free of cost.

CRITICAL REVASCULARIZATION

Digital Artery Repair	43	
Ulnar Artery Repair	13	
Radial Artery Repair	9	
Brachial Artery Repair	6	
Femoral Artery Repair	2	
Popliteal Artery Repair	1	
Posterior Tibial Artery Repair	2	76

MAJOR HAND RECONSTRUCTION

Major Hand Debridement	12	
Skin Grafting		
Hand	17	
Forearm	21	
Shoulder	1	
Arm	17	
Volkman's Ischemic Contracture	8	
Compartment Syndrome	5	
Degloving Injuries Forearm	2	
Dorsal Composite Loss Hand	3	
Secondary Flap Procedures		
Syndactyly Release (Groin Flap)	8	
Debulking	24	
Web Release	3	
Side Swipe Injuries	5	
Primary Skin Suturing	36	162

SURGERY ON EXTENSOR TENDONS

Mallet Finger Correction	16	
Central Slip Repair	11	
Tendon Repair Over Phalanges	23	
Tendon Repair Over Dorsum Of Hand	20	
Tendon Repair Over Forearm	17	
EPL Repair	12	
Tendon Graft For Extensor	3	
Tenolysis	10	
Tenodesis	1	113

SURGERY ON FLEXOR TENDONS

Zone I Tendon Repair	12	
Zone II Tendon Repair	14	
Zone III Tendon Repair	7	
Zone V Tendon Repair	14	
FPL Tendon Repair	5	
Flexor Tendon Graft	5	
Flexor Tenolysis	2	
Biceps Tendon Graft	1	60



Our unit is one of the few centres in the country where finger tip replantation is consistently done with success. Here is the result of a 54 year old man whose amputated ring finger tip was joined and the result at one year.

SURGERY ON BONES

Moulding Of Fractures	13
Zimmer Splint Traction	18
Open Reduction & Internal Fix. of Fractures	
Middle Phalanx	31
Proximal Phalanx	52
Metacarpals	40
Bennett's Fracture	3
Scaphoid	4
Closed Pinning of Hand Fractures	35
Dislocations	
Metacarpophalangeal Joints	10
Fingers Joints	12
Volar Plate Arthroplasty	8
Collateral Ligament Injuries	12
Joint Stiffness Corrective Surgery (Fingers)	5
MCP Joint Capsulotomy	2
Proximal Row Carpectomy	1
Bone Grafts To Phalanges/Metacarpals	10
Arthrodesis	
CMC Joint	2
PIP Joint	11
DIP Joint	15
Wrist	1
FCR Interposition Arthroplasty (CMC Jt. Thumb)	2
Trans Scaphoid Perilunate Dislocation	2
	289

SURGERY ON THE NERVES

Digital Nerve Repair	31
Median Nerve Repair	6
Ulnar Nerve Repair	12
Radial Nerve Repair	2
Posterior Tibial Nerve Repair	1
Nerve Grafting	
Digital Nerve	3
Median Nerve	7
Ulnar Nerve	6
Anterior Transposition Of Ulnar Nerve	4
Decompression Ulnar Nerve (Hansen's)	2
Neurolysis	5
Nerve Biopsy	3
	82

BRACHIAL PLEXUS SURGERY

C5, C6 roots Nerve Graft	2
Neurotization with Nerve Grafts	10
Neurolysis of Plexus	4
Tendon Transfer	2
	18



The child was born without a useful thumb with no bone support and tendons. A thumb was created by transferring the index finger to the position of the thumb and realigning the muscles to enable it to function well. Child now can hope for a normal future.

COMPRESSION NEUROPATHIES

Carpal Tunnel Release	8	
Cervical Rib	1	9

TENDON TRANSFERS

Opponensplasty	4	
Claw Correction	6	
Radial Nerve Palsy Correction	10	
ECRL to FDP for finger flexor loss	2	
Pedicated LD Transfer for Elbow Flexion	2	24

CONGENITAL HAND PROBLEMS

Radial Club Hand - Radialisation	3	
Pollicisation	2	
Arthrogryposis	1	
Congenital Trigger Thumb, Finger Release	8	
Constriction Ring Syndrome	1	
Syndactyly Separation	5	
Excision of Polydactyly	1	
Wind Blown Hand	1	
Macroductyly	2	24

RHEUMATOID HAND

Flexor Synovectomy	12	
Adult Trigger Finger	11	
Adult Trigger Thumb	14	
De Quervain's Release	1	38

SPASTIC HAND

Pronator Rerouting	1	
Flexor Release / Fractional Lengthening	4	
Thumb In Palm Deformity Correction	1	
FCU to ECRB Transfer	2	8

BURNS (EARLY SURGERY)

Hand Burns	2	
Fingers	1	
Electric Burns	3	
Friction	2	
Scalds	5	13

POST BURN CONTRACTURE RELEASE

Hand, Elbow	8	
Finger	17	
Web Space Release	3	
Syndactyly Release	1	29



The year 2003 saw us make an improvement in the number of major faciomaxillary trauma patients treated.



The face of a 45 year old lady was chopped twice while she was sleeping. It resulted in splitting upper and lower half of the face. Her attempts at defence resulted in near total amputation of the left hand and subtotal amputation of the right hand. In a surgery lasting 17 hrs all of them were primarily reconstructed to give her a new lease of life.

TUMOURS

Soft Tissue	2	
Enchondroma	1	
Glomus Tumour	2	
Ganglion	7	
Giant Cell Tumour (Metacarpal)	2	
AV Malformation	2	16

AMPUTATIONS

Below Elbow	15	
Midarm	10	25

INFECTIONS

Paronychia	9	
Hand	10	
Finger	3	
Thumb	4	
Osteomyelitis	2	28

MISCELLANEOUS

Foreign Body Hand	15	
Biopsy	1	16

NON HAND PLASTIC SURGERY PROCEDURES

HEAD AND NECK

Face and Scalp Lacerations	187	
Avulsion Injury Scalp, Ear	2	
SSG Face, Scalp	15	
Facial Scar Revision	12	
Forehead Flap	3	
Hairy Naevus - Face Excision	12	
Parotidectomy	1	
Sebaceous Cyst	13	
Tongue Tie Release	1	
Torticollis Correction	1	247

FACIOMAXILLARY TRAUMA

Panfacial Fracture ORIF	12	
Nasal Bone Fracture Elevation	15	
Zygoma Fracture Elevation / ORIF	25	
Mandible Fracture IMF / ORIF	27	
Dentoalveolar Fracture Wiring	5	
Plate Removal Mandible	1	85

CLEFT LIP AND PALATE

Lip Repair	2	
Palate Repair	4	
Palatal Fistula Closure	2	
Secondary Cleft Lip Deformity	1	9



A 12 year old child with spastic hand with severe inability to hold objects. The spasticity was relieved by fractional lengthening of flexors combined with augmentation of wrist extension by tendon transfer. After therapy child is able to pick up objects. In the coming year we plan to organize a Special Clinic for such children.

EAR

Microtia Correction	3	
Ear Lobe Keloid / Repair	7	10

GENITO URINARY

Hypospadias		
Chordee Correction	2	
Urethral Reconstruction - Snod Gras	4	
Circumcision	1	
Penoscrotal Avulsion Injuries	1	8

LOWER LIMB TRAUMA

Grade III B Fractures	83	
Grade III C Fractures	1	
Degloving Injuries Lower Limbs	25	
Crush Injury Foot with Skin Loss	40	
SSG Lower Limb	182	
Fasciotomy	2	
Laceration / Abrasion	63	
Heel Pad Avulsion	20	416

LOWER LIMB FLAPS

Sural Artery Flap	11	
Other Fasciocutaneous Flaps	31	
Gastrocnemius	12	
Soleus	5	
Cross Leg Flaps	5	
Lateral Supramalleolar Flap	2	
Lateral Calcaneal Artery Flap	5	
Abductor Hallucis Flap	2	
Transposition Flap	37	110

MICRO SURGICAL FREE FLAPS

Latissimus Dorsi	32	
Gracilis	20	
Free Fibula	1	
Toe to Thumb	3	
Antero Lateral Thigh Flap	1	57

PRESSURE SORES

Sacral	4	
Foot (Hansen's - Fritsch's Procedure)	2	6

CONGENITAL - LOWER LIMB

Macroductyly	1	
Nuerofibromatosis Leg	1	2

DIABETES - COMPLICATIONS

Diabetic Foot / Ulcers	25	25
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A young lady suffered from contour deformity due to Romberg's disease. Contour correction was done by doing a microsurgical adipofascial anterolateral thigh flap.

POST BURN CONTRACTURE

Neck	3	
Foot	5	8

AMPUTATIONS

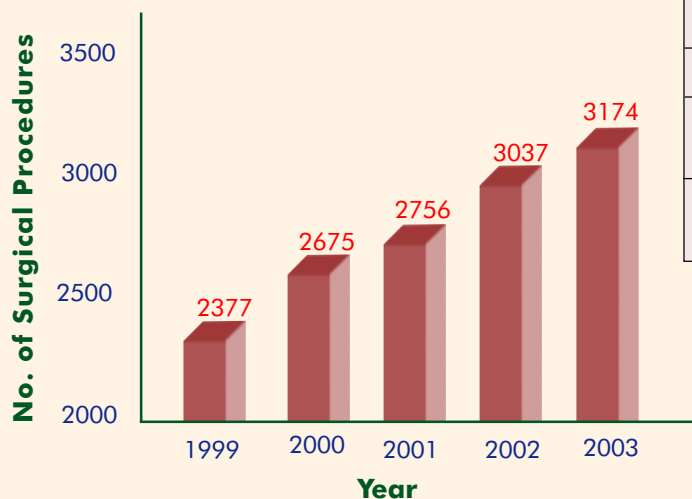
Above Knee	12	
Below Knee	23	
Through Knee	2	37

SOFT TISSUE TUMOURS

Lipoma	1	1
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OTHERS

Augmentation Rhinoplasty	2	
Gynaecomastia	4	
Breast Mastectomy	1	
Breast Fibroadenoma	1	
Incisional Hernia / Abdominoplasty	4	
Liposuction Abdominoplasty	1	
Varicose Veins / Ulcer	6	
Tibialis Posterior Tendon Transfer for Foot Drop	1	
Tendoachilles Repair	5	
Ingrowing Toe Nail	14	
Corn Foot	3	
Toe Injuries	93	
Toe Dislocation	16	
Muscle / Node Biopsy	6	
Bursa Excision	3	
Extensor Tendon Repair - Foot	3	
Craniotomy	1	
Appendicectomy	2	
Laparotomy	4	
Sigmoid Colostomy	3	
Hernia	2	
Incision Drainage Abscess Leg / Abdomen	35	210



SURGERY STATISTICS	2002	2003
Total Number of Surgeries	3037	3174
Number of New Hand Surgery Patients	1292	1369
Number of New General Plastic Surgery Patients	936	983



CONFERENCES CONDUCTED

REVIEW COURSE IN HAND SURGERY, GANGA HOSPITAL, COIMBAOTRE, 4th & 5th JANUARY, 2003.

Eminent faculty conducted a Review Course in Hand Surgery on 4th and 5th January, 2003 at Ganga Hospital auditorium. 120 delegates from all over India participated and they well appreciated the course and the two live surgery sessions. Prof. R. Venkataswami inaugurated the meeting. He had this to say after going round the hospital during one of his visits to the hospital.



"Your achievement of the last one decade is something unimaginable. I am really proud of you both. Going around the hospital gives me the amount of efforts you have put in down the years. I am sure one day this centre will grow into a massive institution which will be the guiding light to the entire country."

Prof R Venkataswami, MS M Ch FRCS D Sc
Emeritus Prof. Plastic Hand and Microsurgery, Dr MGR Medical University
Past President, Indian Society for Surgery of the Hand
Founder President, Indian Society for Reconstructive Microsurgery

FACULTY



National

Prof. R. Venkataswami Dr. T. Chandraprakasam
Prof. G. Balakrishnan Dr. S Raja Sabapathy
Dr. K. Sridhar Dr. S Rajasekeran
Dr. Mukunda Reddy



International

Dr. Joseph Dias, UK
Dr. Beng Hai Lim, Singapore



APSICON 2003 - 38th Annual Conference of the Association of Plastic Surgeons of India.

10th to 13th September, 2003 - Sterling Resorts, Ooty.

8th & 9th September, 2003 - Pre Conference Workshop, Ganga Hospital, Coimbatore.

Dr S Raja Sabapathy welcoming the delegates for the Pre Conference Workshop which was inaugurated by Prof. R. Venkataswami.

Mr. Krishnaraj Vanavarayar (third from left), the Guest of Honour gave the inspirational address on **"The Task Ahead"**.

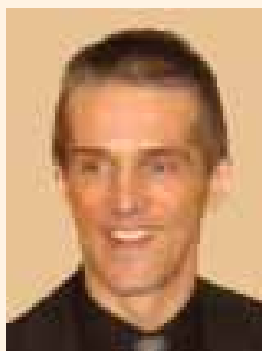




Dr Ian Jackson and Dr Luis Scheker complimenting the theatre personnel of Ganga Hospital for the excellent arrangements at the operation theatres during the pre - conference workshop.

Dr Hari Venkatramani, Chairman, Pre Conference workshop looks on.

FACULTY WHO CONDUCTED THE LIVE DEMONSTRATION SURGERIES



'A most enjoyable and educational meeting. Superb facilities particularly the remarkable audio visual setup. It has been great to see a new area of India for me and hopefully the experience will be repeated one day in the future'

- Aivar Bracka, Stourbridge West Midlands, UK



'Thank you very much for the hospitality and excellent organization. I think it was a very productive workshop and I learnt a lot. Your team made it.'

- Brian Sommerlad, Chelmsford, UK

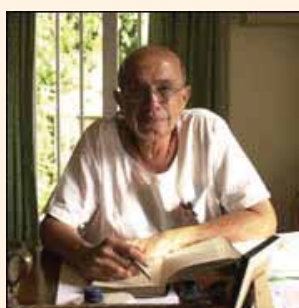


'Most impressed with the quality of the work being done in Ganga Hospital. The humanistic spirit that guides the institution is not seen frequently. The workshop has been great, any one of the participants could have been the presenter!! Very high level audience. Thank you'

- Luis Scheker, Louisville, USA



Dr. Ian T Jackson
U.S.A.



Dr. H S Adenwalla
Trichur



Dr. P S Bhandari
New Delhi



THE CONFERENCE - STERLING RESORTS, OOTY



The Conference was inaugurated by Hon. Chief Minister of Tamil Nadu, Selvi J Jayalalithaa

Dr K Sridhar, President,
Dr Bimal Mody, Treasurer APSI,
Dr S Raja Sabapathy, Organising
Secretary and Mrs. Sridhar
are in the picture

Dr S Raja Sabapathy receiving the
Peet Prize for the best paper
presentation during the previous
National Conference - APSICON 2002
held at Bangalore



We are thankful to Dr K Sridhar, President of the Association of Plastic Surgeons of India - 2003 for giving us the opportunity to be the local organising secretary for the Conference and the Pre-Conference workshop. It was a great experience and had a record number of participants both for the Workshop and the Conference.

In the words of many "a great conference by a dedicated team".





CONFERENCES ATTENDED AND PAPERS PRESENTED - 2003

S.No.	DATE	CONFERENCE	VENUE	TOPIC PRESENTED	NAME
1	4th - 5th Jan.	Review Course in Hand Surgery	Ganga Hospital, Coimbatore	1. Functional Anatomy of the Hand 2. Major Replantations 3. Multilating Injuries of the Upper Limb i. Soft Tissue Problems ii. Skeletal Problems	Dr. S Raja Sabapathy Dr. S Raja Sabapathy Dr. S Rajasekaran
2	18th Jan.	Annual Conference of the Paediatric Orthopaedic Society of India (POSI)	Christian Medical College, Vellore	Invited Lecture : Microsurgery in Paediatric Orthopaedics	Dr. S Raja Sabapathy
3	30th Jan. to 2nd Feb.	Perforator Flap Course	Stanley Hospital, Chennai	1. Problem Cases 2. Free Anterolateral thigh flap for cover of revascularised upper limb	Dr. S Raja Sabapathy Dr. Hari Venkatramani
4	14th & 15th Feb.	Tamilnadu Association of Plastic Surgeons Annual Meeting	Chennai	Panel Discussion on Lower Limb Trauma Reconstruction of Weight bearing area of sole of the foot Free Papers 1. Suicides after Hand Injuries 2. Glomus Tumours of the Hand 3. Scalp Replantation	Dr. S Raja Sabapathy Dr. S Raja Sabapathy Dr. Balaji G Dr. Ravindra Bharathi
5.	22nd Feb.	Association of Surgeons of India - Coimbatore City Chapter	Ganga Hospital, Coimbatore	Reconstruction of a Metacarpal Hand by double toe transfer	Dr. S Raja Sabapathy
6	12th Apr.	Indian Society of Anaesthesiologists, Coimbatore City Chapter	Coimbatore	Perioperative Management of Electrical Burns	Dr. Maheswari Kumar
7	16th Apr.	Post Graduate Training	Civil Hospital, Ahmedabad	1. Adult Brachial Plexus Injuries 2. Foot & Ankle Reconstruction	Dr. Hari Venkatramani
8	11th May	Association of Surgeons of India, Erode Chapter	Erode	Recent Advances in Plastic Surgery and Hand Surgery	Dr. S Raja Sabapathy
9	13th May	Indian Society of Anaesthesiologists, Coimbatore City Branch	Coimbatore	Anaesthesia for Free Flaps	Dr. G Venkateswaran
10	9th & 10th June	World Society for Reconstructive Microsurgery Biennial Meeting	Heidelberg, Germany	Pre Conference Live Surgery Workshop	Dr. S Raja Sabapathy Dr. Hari Venkatramani
11	11th to 13th June	WRSM Meeting	Heidelberg, Germany	1. Replantation of Class 3 Ring Avulsion Amputations and a New Technique for Reconstruction of Non Replantable Avulsion Amputations 2. Microsurgery in developing countries 3. Functional outcome in Major Replantations 4. Comparison of Free Fibula Transfer and Ilizarov Technique for the Treatment of Congenital Pseudarthrosis of Tibia	Dr. S Raja Sabapathy Dr. S Raja Sabapathy Dr. Hari Venkatramani Dr. Hari Venkatramani
12	16th June	15th & Plastic Surgery Unit	Visit to Regional UK	Chelmsford, Management of Complex Injuries of the Upper Limb	Guest Lecture : Dr. S Raja Sabapathy
13	17th & 18th June	Visit to Plastic Surgery Unit	Leeds, UK	Lecture : Major Replantations	Dr. S Raja Sabapathy

Contd...



S.No.	DATE	CONFERENCE	VENUE	TOPIC PRESENTED	NAME
14	19th June	Visit to Hand Surgery Unit	Leicester, UK	Guest Lectures : 1. Management of Complex Injuries of the Upper Limb 2. Principles of Tendon Transfers in the Upper Limb 3. Adult Brachial Plexus Injuries	Dr. S Raja Sabapathy Dr. S Raja Sabapathy Dr. Hari Venkatramani
15	19th July	World Society of Anaesthesiology Refresher Course	Salem	Multiple Organ Dysfunction Syndrome	Dr. V Ravindra Bhat
16	8th & 9th Sept.	APSICON - Pre Conference Workshop, Ganga Hospital, Coimbatore			
17	10th to 13th Sept.	APSICON 2003	Ooty	Panel Speaker : Are we losing out ? Peet Prize Session Primary Pollicization for Reconstruction of Amputated Thumbs Best Paper Session Functional outcome of Major Replantations	Dr. S Raja Sabapathy Dr. Balaji G Dr. Sandeep Sebastin
18	28th Sept.	Conference on 'Complications in Surgery'	Western Command Hospital, Chandimandir	Guest Speaker : Avoiding Complications in Limb Trauma	Dr. S Raja Sabapathy
19	7th & 8th Oct.	Inauguration of the Association of Plastic Surgeons of Sri Lanka	Colombo, Sri Lanka	Keynote Address During Inauguration : "Trauma Reconstructive Surgery - Personal Perspectives and the Vision for the Future" Teaching Sessions : Reconstruction of Severely Mutilated Limbs	Dr. S Raja Sabapathy
20	15th Oct.	PSG Surgicon 2003	PSG Hospital, Coimbatore	Situations for Co-operation between General Surgeons and Micro Surgeons	Dr. S Raja Sabapathy
21	18th Oct.	Professor. CR Sundararajan CME Programme in Plastic Surgery - APSI Delhi Chapter	New Delhi	Guest Lecture : Decision Making in the Salvage of Major Mutilating Injuries of Upper Limb	Dr. S Raja Sabapathy
22	22nd & 23rd Nov.	Combined meeting of Gujarat Chapter APSI, Rajkot Orthopaedic Society & Surgeons Association of Rajkot	G T Seth Hospital, Rajkot	Microsurgery Workshop Chief Faculty : Live Surgery Demonstrations Free Fibula Transfer for Pseudarthrosis Tibia Post Burn Contracture Release (Hand) and Flap Cover Lectures in CME 1. Digital Replantations 2. Brachial Plexus Injuries	Dr. S Raja Sabapathy Dr. S Raja Sabapathy
23	22nd & 23rd Nov.	Indian Society of Anaesthesiologists, Rajkot City Branch	Medical College Hospital, Rajkot	1. Mechanical Ventilation in Trauma 2. Anaesthesia for Upper Limb Surgeries 3. Central Venous Cannulation 4. Combined Spinal & Epidural Anaesthesia	Dr. V Ravindra Bhat
24	6th to 8th Dec.	Indian Society for Surgery of the Hand - Annual Meet	Bangalore	Workshop : Flexor Tendon Surgery Panel : Tips and Tricks Moderator : Micro Session Guest Lecture : Surgery of Spastic Hands Free Papers : Flap Cover for the Hand after Critical Revascularization and Replantation ECRL transfer for finger flexor replacement Hand strength and its correlation with hand dimensions and occupation - Normative study How I do It : Glomus Tumour Excision	Dr. S Raja Sabapathy Dr. S Raja Sabapathy Dr. K L Deepak Dr. Avinash Ranade Dr. Sandeep Sebastin Dr. S Raja Sabapathy

PUBLICATIONS 2003 ONWARDS

1. Raja Sabapathy S, Hari Venkatramani, Bharathi RR. Functional Evaluation of Great Toe Transfer and Osteoplastic Technique for Thumb Reconstruction in the Same Individual. **Journal of Hand Surgery (Br), 2003; 28B : 405-408.**
2. Raja Sabapathy S, Hari Venkatramani, Ravindra Bharathi R, Sandeep J Sebastin. Replantation of Ring Avulsion Amputations. **Indian Journal of Plastic Surgery, 2003; 36 : 76-83.**
3. V. Ravindra Bhat, Anaesthesia for Free Tissue Transfers in Trauma, **Indian Journal of Trauma. Anaesthesia and Critical Care. 2003; 4 : 257-260.**
4. V. Ravindra Bhat, Impaling Injury to the Upper Limb : An Interesting Case Report, **Indian Journal of Anaesthesia. 2003; 47 : 225-226.**
5. V. Ravindra Bhat, Maheshwari Kumar, S Raja Sabapathy, Cardiac Arrest Following Brachial Plexus Block in a Patient with Missed Brachial Plexus Injury, **Indian Journal of Trauma. Anaesthesia and Critical Care. 2003; 4 : 177-178.**
6. Raja Sabapathy S, Sandeep J. Sebastin, Hari Venkatramani, Balaji G. Primary use of the Index finger for reconstruction of Amputated Thumbs. **British Journal of Plastic Surgery. 2004; 57 : 50-60.**
7. Ravindra Bhat V. Transient vascular insufficiency following axillary plexus block in a child. **Anaesthesia and Analgesia. 2004; 98 : 1284-1285.**
8. Hari Venkatramani, Raja Sabapathy S. Simple technique for stabilizing sub totally amputated fingers during transport. **Plastic and Reconstructive Surgery 2004; 113 : 1527 - 1528.**
9. Hari Venkatramani, Raja Sabapathy S. A Simple technique for securing the amputated part during preparation in finger tip replantation - Accepted for publication - **British Journal of Plastic Surgery.**
10. Raja Sabapathy S, Hari Venkatramani, Gaurav Sawhney. Microsurgery in Trauma - Accepted for publication - **Indian Journal of Trauma Anaesthesia and Critical Care.**
11. Ravindra Bhat V, Venkateshwaran G. A secure method of fixation of a nasotracheal tube using an infant feeding tube - Accepted for publication - **Anaesthesia and Analgesia.**



A Young farmer was pinned to the ground when his hand got caught in the moving power tiller while attempting to remove some grass. One blade pierced the forearm and exited through the palm, one went through the arm and another partly into the abdominal wall. Since there was no way to remove it he was brought 70 kms with the 70 kg machine. The biggest challenge was to give anaesthesia to him since he could not lie and the block had to be given to the patient in a crouched sitting up position and the anaesthetist standing on a stool. The forearm was split after successful block, and the equipment removed. In spite of heavy contamination the wounds healed primarily restoring full function to the hand.



AWARDS, RECOGNITIONS AND HONOURS



POST DOCTORAL FELLOWSHIP IN HAND AND MICROSURGERY :

The National Board of Examinations, New Delhi recognized the Plastic, Hand and Microsurgery Department of Ganga Hospital as a centre for Post Doctoral Fellowship Training in Hand and Microsurgery.

MEMBER, EDITORIAL ADVISORY BOARD :

Dr S Raja Sabapathy was invited to join the International Editorial Advisory Board of the British Journal of Plastic Surgery.



KEY NOTE SPEAKER DURING THE INAUGURATION OF THE ASSOCIATION OF PLASTIC SURGEONS OF SRI LANKA : Dr S Raja Sabapathy was the Guest of Honour during the inauguration of the Association of Plastic Surgeons of Sri Lanka and delivered the key note address on the topic, 'Trauma Reconstructive Surgery – Personal Perspectives and a Vision for the Future'

Dr Gabriel raising to deliver the inaugural address. Others in the picture (from L to R) Dr Duleep Perera, Secretary, Dr Joe Fernando, President, Dr Gabriel, Dr Anthonis (92), Senior most practicing Surgeon of Sri Lanka and Dr S Raja Sabapathy, Guest of Honour.

With Dr Chandini Perera, Head of the Burns Unit, National Hospital of Sri Lanka during the inaugural function.



GENERAL SANYAL VISITING PROFESSORSHIP : The Association of Plastic Surgeons of India nominated Dr S Raja Sabapathy as the General Sanyal Visiting Professor for the year 2003-2004.

ETHICON COSMETIC SURGERY TRAINING FELLOWSHIP : The training fellowship of the Association of Plastic Surgeons of India was awarded to Dr Ravindra Bharathi.



Mr Roderick Dunn
Plastic Surgery Department,
Leeds, UK

LESTER SURGICAL AND HEINZ WALDRICH PRIZE OF BRITISH ASSOCIATION OF PLASTIC SURGEONS: Mr Roderick Dunn, the Bruce Bailey Fellow of Ganga Hospital(2002) won the £ 1500 prize for the best Microsurgically oriented paper presented during the BAPS meeting held at London, Dec 2003 for the paper, 'Passage to India – Bruce Bailey Fellowship in Hand and Microsurgery'. The paper was about the experience and the work done during his fellowship at Ganga Hospital, Coimbatore. Rod presented the prize of £ 1500 worth of Micro instruments to the department.

BEST PAPER PRIZE OF INDIAN SOCIETY FOR SURGERY OF THE HAND : Dr Deepak K L, Senior Registrar won the best paper prize for the paper, 'Immediate Flap Cover to the Hand after Critical Revascularization and Replantation' presented during the Annual meeting of the ISSH held at Bangalore – November 2003.



BEST POSTER PRIZE OF INDIAN ORTHOPAEDIC ASSOCIATION : Dr Bhanu Prakash, Registrar, Orthopaedic Dept. won the best poster prize on, 'Outcome of Skeletal Fixation in Major Upper Limb Replantation' during the Annual Meeting of the Indian Orthopaedic Association held at Chennai, December 2003.



VISITORS TO UNIT 2003

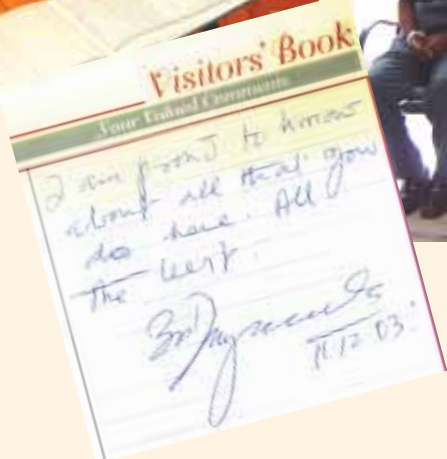
S.NO.	NAME OF VISITOR	DESIGNATION	PLACE	DURATION
1	Dr Beng Hai Lim	Chief & Senior Consultant Hand Surgeon, National University Hospital	Singapore	03-01-2003 to 06-01-2003
2	Dr Joseph Dias	University Hospitals of Leicester	United Kingdom	03-01-2003 to 06-01-2003
3	Dr R P Usgaocar	Plastic Surgeon	Goa	03-01-2003 to 06-01-2003
4	Dr Arman S	Director, Gonoshasthaya Nagar Hospital	Bangladesh	13-03-2003
5	Dr Sandeep Rai	Consultant Paediatric Surgeon, K S Hegde Medical Academy	Mangalore	17-02-2003 to 15-03-2003
6	Dr S Mohan Kumar	Specialist in Surgery Government Hospital, Pondicherry	Pondicherry	17-03-2003 to 21-03-2003
7	Dr Vani Prasad	Royal Darwin Hospital	Australia	24-03-2003 to 28-08-2003
8	Dr Yogesh C Bhat Ganga Hospital - Carl Zeiss Fellow	Associate Professor and Head of the Department of Plastic Surgery, Medical College and S.S.G. Hospital	Vadodara, Gujarat	11-02-2003 to 30-03-2003
9	Dr Anil K Bhat Ganga Hospital - Carl Zeiss Fellow	Assistant Professor, Department of Orthopaedics, Kasturba Medical College	Manipal, Karnataka	09-02-2003 to 30-03-2003
10	Dr M A Rajeev	M.Ch. Trainee, Department of Plastic Surgery, Medical College	Kozhikode, Kerala	17-03-2003 to 31-03-2003
11	Dr Siby Punnoose	M.Ch. Trainee, Department of Plastic Surgery, Medical College	Kozhikode, Kerala	17-03-2003 to 31-03-2003
12	Dr Sachin Saoji	Saoji Orthopaedic Hospital	Aurangabad	26-04-2003
13	Dr Uday Phute	Dhoot Hospital	Aurangabad	26-04-2003
14	Surgeon Commander G Viswanath - Ethicon Microsurgery Fellow - APSI	Plastic Surgeon	Indian Navy	07-04-2003 to 02-05-2003
15	Dr Chandini Perera Ganga Hospital - Johnson & Johnson Fellow	Consultant Plastic Surgeon, National Hospital of Sri Lanka	Sri Lanka	30-03-2003 to 30-05-2003
16	Dr Imran Ahmad Ganga Hospital - Johnson & Johnson Fellow	Lecturer, Division of Plastic Surgery, JN Medical College, AMU	Aligarh, U.P.	07-04-2003 to 30-05-2003
17	Dr Avinash K Deodhar	Consultant Plastic Surgeon, K.E. M. Hospital	Pune	28-04-2003 to 10-05-2003
18	Dr M A Suresh Brig. Kathpalia Fellowship in Hand Surgery - APSI	Senior Resident, Department of Plastic Surgery, JIPMER	Pondicherry	02-05-2003 to 19-05-2003

S.NO.	NAME OF VISITOR	DESIGNATION	PLACE	DURATION
19	Dr Satish G Kadam	Consultant, Anaesthesiologist, Sashrusa Sonography Clinic	Nagpur	03-06-2003 to 05-06-2003
20	Lt. Col. R Ravishanker Ethicon Fellowship in Microsurgery - APSI	Consultant Plastic & Resonstructive Surgeon, Command Hospital (EC)	Indian Army, Kolkatta	26-06-2003 to 09-07-2003
21	Dr B Jagannath Kamath Ethicon Travelling Fellowship, Indian Society for Surgery of the Hand	Associate Prof. of Orthopaedic Surgery, KMC	Mangalore	01-07-2003 to 31-07-2003
22	Dr Sameer S Jahagirdar	Consultant Plastic & Cosmetic Surgeon	Nagpur	26-07-2003 to 02-08-2003
23	Ms Asha Karunatilake	Occupational Therapist, National Hospital of Sri Lanka	Colombo, Sri Lanka	06-08-2003 to 16-08-2003
24	Ms Amara Perera	Physiotherapist, National Hospital of Sri Lanka	Colombo, Sri Lanka	06-08-2003 to 16-08-2003
25	Dr G Karthikeyan Ethicon Travelling Fellowship, Indian Society for Surgery of the Hand	Asst. Professor of Plastic Surgery Govt. Stanley Hospital	Chennai	01-08-2003 to 21-08-2003
26	Dr Bert Oelbrandt Bruce Bailey Fellow	Registrar, Plastic & Reconstructive Surgery, St. Andrews Centre for Plastic Surgery	Chelmsford, U.K.	01-09-2003 to 21-10-2003
27	Dr Aivar Bracka	Worldsley Hospital	Stourbridge, U.K.	07-09-2003 to 09-09-2003
28	Dr Niri Niranjan	St. Andrews Centre for Plastic Surgery, Broom Field Hospital	Chelmsford, U.K.	07-09-2003 to 09-09-2003
29	Luis R Scheker	C M Kleinert Institute	Louisville, U.S.A.	07-09-2003 to 09-09-2003
30	Brian Sommerlad	Great Ormond St. Hospital for Children	London, U.K.	07-09-2003 to 09-09-2003
31	Dr Ian T Jackson	Institute for Cranio Facial Surgery, Springfield	Michigan, U.S.A.	07-09-2003 to 09-09-2003
32	Dr Maneesh Singhal	Dept. of Plastic & Maxillofacial Surgery, Govt. Medical College & Hospital	Nagpur	15-09-2003 to 20-09-2003
33	Dr Hafiz Muhammed K	M.Ch. Trainee, Department of Plastic Surgery, Calicut Medical College	Kozhikode	13-10-2003 to 26-10-2003
34	Dr Sapna V Roshni	M.Ch. Trainee, Department of Plastic Surgery, Calicut Medical College	Kozhikode	13-10-2003 to 26-10-2003
35	Dr Rashmin Roy	M.Ch. Trainee, Department of Plastic Surgery, B J Medical College & Civil Hospital	Ahmedabad	01-11-2003 to 30-11-2003
36	Dr Amitabh Singh	M.Ch. Trainee, Department of Burns and Plastic Surgery, B J Medical College & Civil Hospital	Ahmedabad	01-11-2003 to 04-12-2003



S.NO.	NAME OF VISITOR	DESIGNATION	PLACE	DURATION
37	Dr Kamakshi K	Assistant Professor, Department of Burns, Plastic and Reconstructive Surgery, Sri Ramachandra Medical College	Chennai	02-11-2003 to 15-11-2003
38	Dr Chandrashekar Somayaji	Consultant, Anaesthesiologist	Udupi	17-11-2003 to 21-11-2003
39	Dr Bikram Prasad Shrestha	Department of Orthopaedics, B P Koirala Institute of Health Sciences	Dharan, Nepal	01-11-2003 to 31-01-2004
40	Dr Sathyanarayanan N	Orthopaedic Surgeon, Malabar Institute of Medical Sciences	Calicut	08-12-2003 to 19-12-2003
41	Dr Padmakumar	Prof. & Head, Department of Plastic Surgery, Medical College	Trivandrum	09-12-2003 to 13-12-2003
42	Dr Ahmed Hussein A R	Associate Professor & Consultant Plastic Surgeon, Faculty of Medicine, University of Malaysia	Sarawak, Malaysia	07-12-2003 to 18-12-2003
43	Dr Vishal Mago Lucknow Travelling Fellowship, UP Chapter-APSI	M.Ch. Resident, Division of Plastic and Reconstructive Surgery, Department of Surgery, JNMCH, AMU	Aligarh	14-12-2003 to 21-12-2003
44	Dr Mohit Sharma	Assistant Professor, Department of Plastic Surgery, Amrita Institute of Medical Sciences	Cochin	22-12-2003 to 26-12-2003
45	Dr Sherry Peter	Senior Specialist, Department of Head & Neck Surgery, Amrita Institute of Medical Sciences	Cochin	22-12-2003 to 26-12-2003
46	Dr Pankaj Ahire	Lecturer, Department of Orthopaedics, Sion Hospital	Mumbai	29-12-2003 to 02-01-2004

**We are blessed by the Visit of
Puja Swami Dayanandha Saraswathi of Anaikatti Ashram on 11-12-2003.**



THE TRAINING FELLOWSHIPS AT GANGA HOSPITAL



Bruce Bailey with his team at Stoke Mandeville Hospital, UK, 1989.

BRUCE BAILEY FELLOWSHIP IN HAND AND MICROSURGERY

This fellowship was created by Ganga Hospital in the memory of Mr. Bruce Bailey who was instrumental in training many Indian Plastic Surgeons. This is for a British Plastic Surgical trainee to spend about 8 weeks at Ganga Hospital. The trainee also attends the National Plastic Surgery Conference and is worth around Rs. 50,000/-.

BRUCE BAILEY FELLOW 2003

BERT OELBRANDT

Registrar, Plastic & Reconstructive Surgery, St. Andrews Centre for Plastic Surgery, Chelmsford, United Kingdom

'It was a pleasure to work with you and learn your tips and tricks and further refinements of Plastic and Reconstructive Surgery. Your set up is excellent and it is good to see that reconstructive surgery can be done in private practice at a very high level. The organization, also of the APSICON conference was superb. I also enjoyed and appreciated the Indian hospitality. I will recommend this unit to all my other colleagues!'



Bert Oelbrandt

Roderick Dunn - Bruce Bailey Fellow - 2002 makes us proud

Roderick Dunn who was the Bruce Bailey Fellow in the year 2002 presented 3 papers based on the work being done at Ganga Hospital in Coimbatore during the Winter meeting of the British Association of Plastic Surgeons held in London in December 2003. One paper titled, 'Passage to India - Bruce Bailey Fellowship in Hand and Microsurgery', won the £1500 Lester Surgical - Heinz Waldrich Prize for the best Microsurgically oriented paper of the conference.

We congratulate Rod for making us proud and making the fellowship in the name of Bruce Bailey popular.

BRUCE BAILEY FELLOWS

2002	-	Mr. Roderic Dunn
2003	-	Mr. Bert Oelbrandt
2004	-	Mr. Raj Ragoowansi Specialist Registrar in Plastic Surgery Queen Victoria Hospital, East Grinstead, United Kingdom



GANGA HOSPITAL - JOHNSON & JOHNSON FELLOWSHIP IN HAND AND MICROSURGERY

Ganga Hospital - Johnson & Johnson Fellowship is the first of the training fellowships created in the hospital. This followed the visit of Mr. William Dearstyne, Company Group Chairman to the hospital. Two fellowships each of the value of Rs. 25,000/- are available every year for a selected candidate to spend about 8 weeks at Ganga Hospital. Ethicon Division of Johnson & Johnson provide the funding and Ganga Hospital provides the training.

AWARDEES OF THE YEAR 2003



'Ganga is unique in many ways. It is a private institution providing a standard of surgery excellent in comparison anywhere in the world but at all times sharing its knowledge and encouraging its trainees to do better..'

Dr Chandini Perera, Consultant Plastic Surgeon, Burns and Reconstructive Surgical Unit National Hospital of Sri Lanka, Colombo, Sri Lanka.

'It was very nice experience to work at Ganga Hospital. For me its like coming back to my family. One of the best part is the microsurgery training course. This course gave me enough knowledge and enthusiasm and enabled me to perform the 1st successful free flap at JN Medical college, AMU Aligarh.'



Dr Imran Ahmed Lecturer, Department of Surgery J.N. Medical College AMU, Aligarh.

AWARDEES FOR THE YEAR 2002

Dr Aditya Aggarwal

Consultant, Dept. of Plastic Surgery,
Sir Gangaram Hospital, New Delhi.

Dr B C Ashok

Assistant Professor of Plastic Surgery,
St. John's Hospital, Bangalore.

AWARDEES FOR THE YEAR 2004

Dr Yuri Agnel Roque Dias - Amborcar

Plastic Surgeon, Department of Surgery,
Goa Medical College, Goa.

Dr Thilak S. Jepagnanam

Lecturer, Department of Orthopaedics,
Christian Medical College, Vellore.



Picture taken on the occasion of the Fellowship Award Ceremony with Prof. V.R. Ravikumar, Chief Guest and the Ethicon team

GANGA HOSPITAL – CARL ZEISS FELLOWSHIP IN HAND AND RECONSTRUCTIVE MICROSURGERY

2003 saw the creation of this prestigious fellowship as a part of the commitment of Carl Zeiss, the pioneers in manufacturers of operative microscopes and Ganga Hospital to spread trauma reconstructive surgery. We thank Mr. Ven Raman, Managing Director of Carl Zeiss and his team for this educational initiative. Two fellowships each of the value of Rs. 50, 000/- are available every year

AWARDEES OF THE YEAR 2003



"Ganga Hospital is truly a 'centre of excellence'. I am very much impressed with state of the art infrastructure and the hardworking and efficient team."

Dr Yogesh C Bhat
Associate Professor and Head of the Department of Plastic Surgery
Medical College and SSG Hospital, Vadodara

"The task of a teacher is to get his pupils from where they are to where they have not been. As I leave this place, I feel that this has been achieved by making me a better surgeon and even better human being. The most valuable things I am taking with me from here are not only knowledge but also great friendships I have built here."

Dr Anil K Bhat
Assistant Professor, Hand and Microsurgery Unit
Department of Orthopaedics, Kasturba Medical College, Manipal



The awardees with Mr. Ven Raman, Managing Director, Carl Zeiss, Dr J G Shanmuganathan, Chairman Ganga Hospital, Dr Ramkumar Ragupathy, Dean, Coimbatore Medical College and Dr K Sridhar, President APSI during the presentation ceremony

AWARDEES OF THE YEAR 2004

Dr Alphonsus Chong
Department of Hand and
Reconstructive Microsurgery,
National University Hospital,
Singapore.

Dr T. Ayyappan
Assistant Professor
Department of Burns and Plastic Surgery,
BJ Medical College and Civil Hospital,
Ahmedabad, Gujarat.

Applications are invited for the Johnson & Johnson and Carl Zeiss Fellowships for the year 2005 and 2006. Please apply with bio data to Dr S Raja Sabapathy, Ganga Hospital, Coimbatore - 641 009, India. E - mail : srs@gangahospital.com



GANGA MICROSURGERY TRAINING LABORATORY

The training laboratory completed its third year of functioning and last year saw 20% more persons coming for the course. Two persons are trained at a time and so far we have completed 45 courses. Most of the persons who undertook the course continue to do significant microsurgery in their places. The lab fits in with the theme, *'Reach out by Expanding the Boundaries'*.



The courses are run throughout the year and the timing could be fixed at mutual convenience by mailing to srs@gangahospital.com



Map showing the places of surgeons who have taken the course in the Laboratory



DEPARTMENT OF ANAESTHESIA

The Department of Anaesthesia has 3 Consultants, Dr. V Ravindra Bhat, Dr. C Sekar and Dr. J Balavenkat and two registrars. The committed team plays significant role for the success of the hospital. The year 2003 also saw them being academically active with number of presentations and publications.

A **Fellowship in Trauma Anaesthesia** is created from the coming year for recently qualified graduates. It is a paid fellowship which will enable the selected candidate to have wide exposure to receiving and transport of polytrauma victims, resuscitation of polytrauma patients, anesthesia for trauma surgery, reconstructive microsurgery, spine surgery and joint replacement surgeries. The trainee will have ample exposure to various regional blocks, central neuraxis blockade, general anesthesia for major polytrauma cases and post operative management of trauma patients including management in the intensive care unit. We are looking for well motivated, hard working young people who have just finished their Anaesthesia training (MD/DA/DNB), enjoy challenging work and are academically oriented for this Fellowship. For details please contact Dr. V. Ravindra Bhat at rbhat@gangahospital.com.



PHYSIOTHERAPY DEPARTMENT

The Department functions with four Physiotherapists, one Occupational therapist and one Prosthetist and Orthotist. 3378 new patients were registered in the Department in the year 2003 and 25 patients undergo therapy every day. 224 hand splints were made in the year using thermoplastic materials. From 2004 computerised documentation of patient details of the Physiotherapy Department is being done.

17 students underwent part of their training and 44 did their internship in this Department.



Ms. Asha &
Ms. Amara
therapists from
Sri Lanka who
came for training



GANGA SILICONE PROSTHETICS CENTRE



Right Thumb Prosthesis



Silicone Foot Prosthesis

The state of the art silicone prosthesis manufacturing unit is the result of the collaboration between Ganga Hospital and Otto Bock, Germany. Both partners share a commitment to provide quality prosthesis to the people who need it.

The year 2003 saw the refining of skills of the team in making the Silicone Prosthesis of the hand and fingers to suit the Indian colour, conditions and patient expectations. We are indeed happy about the progress. A new avenue of service where we have found our skills and infrastructure could be very useful is in making partial foot prosthesis.

Most foot prosthesis are functionally very useful and the patient satisfaction levels are high. It is particularly useful in Diabetics who have suffered partial amputation of feet.

For details contact:

GANGA SILICONE PROSTHETICS CENTRE

67, R.R. Layout, R.S. Puram, Coimbatore - 641 002

Phone : 0422 - 2541777

Email : information@indiaottobock.com

GANGA HOSPITAL

Swarnambika Layout, Ramnagar,

Coimbatore - 641 009 Ph : 0422-2235050

Fax : 0422-2235608 Email : srs@gangahospital.com



HELP FOR THE HANDS IN NEED



Lend a Hand

A MATCHING GRANT PROJECT OF ROTARY INTERNATIONAL DONE BY ROTARY CLUB OF COIMBATORE METROPOLIS AND ROTARY CLUB OF PONTLANFRAITH, UK AND GANGA HOSPITAL



A poor lady sustained total loss of her right thumb with fracture of both bones forearm. An injury like this needs staged reconstruction. It so often happens that the resources available in the company and the family of the patient can take care of them only through the initial phase. The Help for the Hands in Need project steps in such situations and takes them through the whole course. For this lady the thumb reconstruction was done through this project. The theme of the Rotary Year is 'Lend a Hand'. This project literally lends the hand to the poor people.

Between the years 2000-03, the project "Save the Working Hand" was carried out to provide quality care to the hands of poor people injured at the work place. It was a great success. At that time, we also felt that we should have a scheme to provide hand surgery services to needy children born with congenital anomalies, children with brachial plexus palsy, spastic hands and secondary surgery for post burn problems. The project "*Help for the Hands in Need*" was conceived by enlarging the scope of the project to include these patients in addition to hand injuries sustained at work. Rotary Foundation has sanctioned US \$ 12000 for the project. This is used for consumables and hence the total outlay of the project will be close to US \$ 25000. 150 patients will be the beneficiaries. So far 39 patients have been operated under the scheme.



Swamini Paramananda, Anaikatti Ashram dedicating the project 'Help for the Hands in Need' Dr S Raja Sabapathy, Rtn. Pres. R Prasad, Rtn. Past District Governor Dr A Muruganathan, Dr J G Shanmuganathan and Rtn V Rajkumar are on the dias.



GAINS – GANGA ACCIDENT INSURANCE SCHEME



The Ganga Accident Insurance Scheme (GAINS) in collaboration with National Insurance Company is in its 3rd year. It is very popular with poor people and the unorganized sector who are not covered by any social welfare schemes and where resources do not exist to take care of a worker injured in an accident. The quality of care these people get is excellent. But for the scheme these people would not have got what they got. It definitely saves lot of man hours, increases productivity and keeps worker morale high.

In order to keep the claims: premium paid ratio as low as possible the hospital heavily subsidizes the cost of treatment of the insured. The hospital is strongly committed to the scheme because we are convinced that benefits surely reach the needy. Technology available is useless unless it reaches the needy at the time when it is needed. GAINS well fits into the theme for the year, *'Reach out by Expanding the Boundaries'*

FIRST AID CLASSES



In 2003 Dr J Balavenkatasubramaniam and Dr Hari Venkatramani along with the paramedical team conducted 21 first aid courses in Schools, Colleges and Business establishments. Over 3000 people have been covered.



At the initiative taken by Mr. Sanjay Arora, Commissioner of Police, Coimbatore, 3 courses were held for the police personnel.



Mr. Sanjay Arora IPS, Commissioner of Police, Coimbatore in one of the courses. All courses were extremely interactive with question answer sessions.



DOCUMENTATION DEPARTMENT

The documentation work of the department is done by Mr. R. Santhosh Kumar, Software Specialist and Mr. M. Sasidharan. Every morning the surgical procedures done and photographs taken the previous day are documented into the specially created software - GANGA PAC. A total of 16380 photographs of patients were archived under different diagnosis in 2003. The Physiotherapy Department is now equipped with a computer running a software created by this Department for the purpose of recording the patient details.



In order to make itself fit into theme *'Reach out by Expanding the Boundaries'*, the department is planning to create demonstrational videos using 2D and 3D animations for various Plastic Surgery, Hand and Microsurgery procedures. Moreover many web related projects for our web site www.gangahospital.com are under construction.



WHAT IS NEW?

e - Consultation

In an effort to make available the expertise of our team to anybody who needs it we have opened up a round the clock dedicated electronic consultation system. Just send in your question preferably with photographs and you will get back a reply as to

1. What we would do ?
2. The duration of treatment, the likely cost and
3. The available alternatives

**Send in your questions to
econsult@gangahospital.com**

All queries will be replied within 24 hours. If it is an acute problem (like a major crush injury), please send your question though the mail along with a call to any of the numbers

Dr Hari - 98422 02422, Dr Bharathi - 98432 49564,
Dr Bhat - 94430 53919, Dr S Raja Sabapathy - 98422 19328.

We would be happy to offer our services preferably in the fields of our core strength

- Hand Injuries (both acute and post injury problems)
- Soft tissue reconstruction in Open Fractures and other Lower limb trauma
- Conditions requiring Microsurgical Reconstruction
- Facio maxillary trauma
- Brachial Plexus Injuries, Peripheral Nerve injuries and Compression syndromes
- Congenital deformities of Hands and face
- Post burn problems

This service is available to both doctors and public. This service we are sure will ably support the theme of the year, *"Reach out by Expanding the Boundaries"*.



A Young lady sustained unstable pelvic fracture, skin loss in the right thigh, left knee and open fracture of the right lower leg with extensive soft tissue loss. She underwent resuscitation, stabilization of fractures, debridement of wounds on arrival. She underwent early free flap cover after excising dead bone which was without any periosteum. Later bone transport provided union at the fracture site. Our hospital specialises in the management of such severe trauma which need multi speciality input. Increased success rate, decreased hospitalization time and cost occur when such injuries are treated in specialised centres before complications set in. The aim of this e - Consult Scheme is to make available the resources and expertise of Ganga Hospital to the needy irrespective of where they live.

WE AIM

To provide the best possible Plastic Surgical and Microsurgical services to every patient who reaches our hospital at all times.

With this we formulated the Vision 2012 statement which we published last year. It is reproduced here.

"As a Citizen of India, armed with knowledge and technical expertise and above all a great sense of patriotism for our country, I realize that Small Aim is a Crime".

Shri. APJ Abdul Kalam
President of India

.....and the Vision for 2012

1. We wish to establish the role of Plastic Surgery and Microsurgery in acute trauma amongst the medical profession and increase the public awareness. A country of billion people needs many dedicated centres where high quality care with Microsurgery facility is available. We would develop this as the Best Centre for Hand Surgery and Trauma Reconstructive Surgery which would serve as a prototype for the development of other centres in the country. It will develop with a high degree of social responsiveness so that every person who needs the exclusive services of the centre will have access to the facilities and expertise irrespective of their means.
2. The unit will develop as a nodal centre for training in Hand Surgery and Trauma Reconstructive Surgery. It will serve to promote closer co-operation between Plastic Surgery, Orthopaedics and Anaesthesia in the management of major limb trauma. It is our intention that by 2012, every major trauma unit in the country will be supported by a high quality Plastic Surgical team, and 80% of them will have at least one member trained or influenced by Ganga Hospital.
3. We will become one of the preferred centres for training in the field on a global level, where trainees will come by choice. Putting Coimbatore and India as the destination for advanced training will be our goal. We realize that we should provide high quality care and a good academic environment with high volume of work to make it possible.
4. We will work to make the Hospital as one of the most valued and respected health care provider of the country. It will be driven by a team of people who share the same vision. The hospital will provide every team member the opportunity to reach their full potential.

ONE MORE YEAR - ONE STEP CLOSER TO THE GOAL.



The Plastic Surgery Team of 2003



Dr R Ravindra Bharathi



Dr S Raja Sabapathy



Dr Hari Venkatramani



Dr G Balaji



Dr K L Deepak



Dr Gaurav Sawhney



Dr Sandeep K Sebastin



Dr Avinash Ranade



Ganga Medical Centre and Hospitals (P) Ltd.

Shanmuganathan Kanakavalli Speciality Centre for Trauma,
Orthopaedics, Plastic Surgery, Hand and Reconstructive Microsurgery

Swarnambika Layout, Coimbatore - 641 009.

India. Ph : 0422 - 2235050. Fax : 0422 - 2235608.

E-mail : srs@gangahospital.com Website : www.gangahospital.com

GANGA HOSPITAL - GIVING NEW DIMENSIONS TO TRAUMA CARE