



Dr. Vinay kumar E.C.

M.B.B.S., D.L.O., M.S. (ENT)

Senior Consultant ENT and Head & Neck Surgery

Apollo Health City, Hyderabad.

Profile

After completing my basic medical education at Christian medical college, Vellore, I embarked on a career in ENT and Head & Neck surgery and have been at the Apollo Hospital, Hyderabad for the past 22 years. As the Head of the department in this hospital I have succeeded in building a team of competent and motivated members to provide an excellent level of patient care. The team includes young and budding ENT surgeons, Audiologists and Auditory Verbal Therapists who will be future leaders in their respective fields.

Areas of expertise:

1. Cochlear Implant surgery
2. Bone Anchored Hearing Aid (BAHA) surgery
3. Treatment of Snoring and Obstructive Sleep Apnea Syndrome (OSAS)
4. Anterior Skull Base Endoscopic surgery

Cochlear Implant Surgery:

After undergoing training in Sydney and Melbourne in 1994, I started the first cochlear implant clinic in South India, It has become one of the leading centres in India for the treatment of the hearing challenged. In addition to this, the centre has a comprehensive program to educate children and adults in rural areas about the care of the ear and early diagnosis and treatment of hearing disorders. This centre also trains speech therapists and mothers of Cochlear Implantees in Auditory Verbal Therapy under 'TRAIN A TRAINER PROGRAM'. We have completed NEARLY **360 COCHLEAR**

IMPLANT SURGERIES which is the highest number in the state and one of the largest in the country. On 24th Oct 2008 my team performed **18 COCHLEAR IMPLANTS** in a SINGLE DAY which is a **WORLD RECORD**.

Bone Anchored Hearing Aid (BAHA):

I have established the only fully equipped BAHA surgery centre in AP which has a successfully ongoing programme.

Treatment of Snoring and OSAS:

I started the first Snore cure centre in India in 1989, which deals with diagnosis and management of OSAS (Obstructive Sleep Apnea Syndrome). Several complicated surgeries like UPPP (Uvulo Palato Pharyngoplasty), Hyoid suspension and Genial tubercle advancement are regularly done here. I regularly take part in workshops and conferences to educate younger generations in this field.

Anterior Skull Base Endoscopic Surgery:

A centre for Endoscopic anterior skull base surgery was started in the early 1990's and has become a leading referral centre for complicated procedures like Pituitary surgery, surgical repair of Cerebro Spinal Fluid (CSF) leaks, neoplastic lesions involving the skull base and orbit. These surgeries are done with the help of Neuro, Oncological and Plastic surgeons.

General ENT work

I have a wealth of surgical experience for the last 30 years in all routine and complicated micro ear surgeries (eg. Tympanoplasty, Ossiculoplasty, Stapedectomy etc.), Microlaryngeal and Phono surgery. I have also set up fully fledged VERTIGO, ALLERGY and VOICE clinics functioning for the last 15 years. I am proud to say that we have the best state of the art Audiology, Speech and Hearing centre and Auditory Verbal Therapy centre.

LAUNCH OF SAHI (Society to Aid the Hearing Impaired) :

This has been a turning point in my career as an ENT surgeon and a responsible citizen of this country. Under my initiation SAHI, an NGO, was started on Children's day in 2004 with me as the **FOUNDER SECRETARY** to mainly help children with hearing impairment in rural areas. In addition to conducting camps in remote areas of the state, we have done a lot to educate and sensitize people regarding hearing problems.

SAHI started the ambitious '**GIFT A EAR**' PROJECT on 27th May 2006 whereby corporates and other sponsors and co-sponsors can donate to help children undergo Cochlear Implant surgery. The rest of the finances have been raised from SAHI funds and other donor agencies. 61 children have already undergone Cochlear Implant surgeries under this project where by Rs. 78 lakhs was raised as donation.

After doing work towards this end, we convinced the Hon'ble Chief Minister of AP to partially fund Cochlear Implant surgery from the Chief Minister's relief fund. Later on the Govt. of Andhra Pradesh included free Cochlear Implant surgery for BPL (Below Poverty Line) families under the **RAJIV AAROGYASRI SCHEME** which is unprecedented in the history of medical care in the country. For the past 2 years or so more than 400 Cochlear Implant surgeries have been done under this scheme in the state.

I take great pride in the fact that SAHI was mainly responsible to convince the government to take up this innovative program. Appreciating the work done by SAHI the government of Andhra Pradesh has allotted land to SAHI to build a state of the art ear surgery and research centre in Hyderabad. In addition, this centre will have a training institute for Audiologists, ENT Surgeons, Auditory Verbal Therapists and other health workers.

Deaf Free Mandal is an ambitious project launched by my team 2 years ago whereby intensive screening programs for hearing impairment are conducted in small geographically backward areas and necessary free medical and surgical treatment is given for all types of hearing disorders.

Neonatal Screening the first of its kind in the state is another project started by my team to screen new born babies for the early detection and treatment of hearing loss. This will lead to early intervention & thereby better results in hearing & speech development.

MY VISION:

I have a vision that one day the state and country will have a comprehensive treatment plan for the hearing impaired. This includes measures to prevent this unfortunate malady by educating the general public, especially in rural areas and create facilities for early diagnosis of hearing loss.

I plan to start a world class state of the art centre for ear diseases. The Government of A.P. has promised to give land to build the Ear Care Institute. This will help the people of the state to avail the latest medical and surgical treatment available in the world. This centre will also do research and train young ENT Surgeons, Audiologists, Auditory Verbal Therapists and other health personnel. Our motto is “**LET ALL HEAR**”. This centre should be functional in 2 years time.

PROFESSIONAL EXPERIENCE

Head, Department of ENT and Head & Neck Surgery, Coordinator, Cochlear Implant Programme Apollo Hospitals, Jubilee Hills, Hyderabad, Andhra Pradesh, India - 500033	1988 – Present
Founder Member & Secretary Society to Aid Hearing Impaired (SAHI) Banjara Hills, Hyderabad, Andhra Pradesh, India	2004 - Present
Committee Member, Cochlear implantation programme Aarogyasri Health Care Trust	2009 - Present

Advisory Board Member,

Sri Vidhya's Center For Special Children ,
(Regd. No. 1559/99) (Registered Non-profit Organization)
H. No. 10-3, Plot No 41, East Marredpally,
Secunderabad – 5000026
Andhra Pradesh, India

2009 - Present

Advisory Panel of Doctors,

Global Aids Rehabilitation Centre
7-6-258, Mitta Street,
Tirupathi - 517 501,
Chittoor Dist., A.P., INDIA

Previous Positions

ENT Surgeon,
MLL Hospital,
Madanapalli,
Andhra Pradesh, India

1982 -1982

Visiting ENT Surgeon,
South Central Railway Head quarters,
Secunderabad, Andhra Pradesh,India

1994 - 2000

Visiting Consultant ENT Surgeon,
Durgabhaideshmukh Hospital

1986 - 1990

President,
Association of Otolaryngologists of India (AOI)
Andhra Pradesh branch,

2006

Academic Activities**Education****Date****Degree**

1976 Bachelors in Medicine, Bachelors in Surgery
Christian Medical Collage, Vellore, TN,India

M.B.B.S.

1981 Diploma in Laryngology, and Otology
Government ENT Hospital, Hyderabad, AP, India

D.L.O.

1982 Masters in Surgery (Ear, Nose and Throat)

M.S.(ENT)

Government ENT Hospital, Hyderabad, AP, India

Internship and Residency Training

- 1976-1977 Internship,
Christian Medical College, Vellore, TN, India
- 1977-1979 P.G. in DLO residency,
Government ENT Hospital, Hyderabad, AP, India
- 1980-1982 M.S. in ENT residency,
Government ENT Hospital, Hyderabad, AP, India

SCIENTIFIC PUBLICATIONS

INTERNATIONAL

- I. ***“MANDIBULAR REPOSITIONING APPLIANCE”*** in **Abstracts book of 1st ROMA OSAS, International Conference on snoring and Obstructive Sleep Apnoea Syndrome, Rome 1997**
- II. ***“CEPHALOMETRIC ANALYSIS IN INDIANS”*** in **Abstracts book of 1st ROMA OSAS, International Conference on snoring and Obstructive Sleep Apnoea Syndrome; Rome 1997**

NATIONAL

- I. ***“INVASIVE SINO NASAL ASPERGILLOSIS DIAGNOSTIC CRITERIA”*** in **Indian Journal of Otolaryngology and Head & Neck surgery; Vol. 53, No. 4, Oct to Dec 2001**
- II. ***“INTERACTABLE EPISTAXIS: ROLE OF ANGIOGRAM, EMBOLIZATION”*** in **Indian Journal of Otolaryngology, Head & neck surgery**
- III. ***“MANAGEMENT OF TONGUE BASE OBSTRUCTION IN OBSTRUCTIVE SLEEP APNOEA”*** in **Indian Journal of otolaryngology, Head & neck surgery; Vol 52, Dec 99 to Mar 2000 pp. 58-62**
- IV. ***“SERUM IgE LEVELS & OESINOPHILS, ROLE IN ALLERGY STUDY IN INDIAN POPULATION”*** in **Indian journal of Allergy, Asthma and Immunology; Vol. 17, Jan to Jun 2003 pp.21-24**

- V. **“CT – CEPHALOMETRY: A STUDY IN INDIAN POPULATION”** in Indian journal of Otolaryngology, Head and neck surgery; 2004, Vol.57, No.1, Jan – Mar 2005
- VI. **“KAWASAKI DISEASE (SYNDROME): OUR EXPERIENCE”** in Indian journal of Otolaryngology, Head and neck surgery; Vol.59, No.1, Jan – Mar 2006
- VII. **“GLOMUS INTRAVAGALE TUMOUR- A CASE REPORT”** in Indian journal of Otolaryngology, Head and neck surgery; Vol.49, No.2, Apr – Jun 1997
- VIII. **“SNORING AND OBSTRUCTIVE SLEEP APNOEA- A REVIEW”** in **OTOLARYNGOLOGY REVIEW, 2000**
- IX. **“KIKUCHI – FUJIMOTO DISEASE”** in Indian journal of Otolaryngology, Head and neck surgery; Vol.58, No.3, Jul – Sep, 2006

INVITED LECTURES/PREFERRED PAPERS/NATIONAL & INTERNATIONAL PRESENTATIONS

INTERNATIONAL

- I. **Presented a Scientific study titled “MANAGEMENT OF TONGUE BASE OBSTRUCTION IN OBSTRUCTIVE SLEEP APNOEA SYNDROME (OSAS)”** at the British Academy Conference in Otolaryngology at Manchester, UK
- II. **Presented a Scientific study titled “SURGERY OF TONGUE BASE OBSTRUCTION IN OBSTRUCTIVE SLEEP APNOEA SYNDROME (OSAS)”** at World Conference in OSAS, Rome, Italy, 1997
- III. **Presented a Scientific study titled “MANDIBULAR REPOSITIONING APPLIANCE”** at World Conference in OSAS, Rome, Italy, 1997
- IV. **Presented a Scientific study titled “SINGLE STAGE SURGICAL MANAGEMENT OF MULTICENTRIC OBSTRUCTIVE SLEEP APNOEA SYNDROME”** at International conference on snoring and sleep apnoea syndrome Rome, 1997
- V. **Presented a Scientific study titled “COMPARISON OF PERFORMANCE IN DIFFERENT LISTENING CONDITIONS WITH AND WITHOUT BIMODAL FITTING IN ADULT POST LINGUAL COCHLEAR IMPLANT USERS”** for 7th Asia Pacific Symposium on Cochlear Implants and Related Sciences (APSCI 2009), Singapore, 1-4 December 2009
- VI. **Presented a Scientific study titled “EABR AND ITS IMPORTANCE IN THE SELECTION OF EAR IN AUDITORY NEUROPATHY FOR COCHLEAR IMPLANT**

SURGERY: A CASE STUDY for 7th Asia Pacific Symposium on Cochlear Implants and Related Sciences (APSCI 2009), Singapore, 1-4 December 2009

- VII. **Presented a Scientific study titled “COMPARISON OF RESIDUAL HEARING BETWEEN STRAIGHT ARRAY AND PERIMODIOLAR ELECTRODE ARRAYS – OUR EXPERIENCE”** for 7th Asia Pacific Symposium on Cochlear Implants and Related Sciences (APSCI 2009), Singapore, 1-4 December 2009
- VIII. **Submitted a scientific study titled “STEROID EFFECTS ON PRESERVATION OF RESIDUAL HEARING IN COCHLEAR IMPLANT”** for American Speech and Hearing Annual Convention (ASHA) – 2010, Philadelphia, USA
- IX. **Submitted a scientific study titled “COMPARISON OF T-NRT LEVELS OF APICAL, MEDIAL AND BASAL ELECTRODES”** for American Speech and Hearing Annual Convention (ASHA) – 2010, Philadelphia, USA
- X. **Submitted a scientific study titled “REMOTE NRT: NEW TREND IN AUDIOLOGICAL TELE APPLICATIONS”** for American Speech and Hearing Annual Convention (ASHA) – 2010, Philadelphia, USA
- XI. **Submitted a scientific study titled “IMPORTANCE OF IMPEDANCE CHANGES DURING INTRAOPERATIVE NEURAL RESPONSE TELEMETRY”** for American Speech and Hearing Annual Convention (ASHA) – 2010, Philadelphia, USA
- XII. **Submitted a scientific study titled “PERFORMANCE IN DIFFERENT LISTENING CONDITIONS WITH BIMODAL FITTING”** for American Speech and Hearing Annual Convention (ASHA) – 2010, Philadelphia, USA
- XIII. **Submitted a scientific study titled “IMPORTANCE OF EABR IN AUDITORY NEUROPATHY FOR COCHLEAR IMPLANT SURGERY”** for American Speech and Hearing Annual Convention (ASHA) – 2010, Philadelphia, USA

NATIONAL

- I. **Presented a Scientific study titled “SEPTAL CARTILAGE IN AUGMENTATION RHINOPLASTY”** at South Zone Conference of ENT, Mysore, 1998
- II. **Presented a Scientific study titled “SURGICAL TREATMENT OF CSF RHINORRHOEA”** at South Zone Conference of ENT, Hyderabad, 2001
- III. **Presented a Scientific study titled “PREDICTING OUTCOMES IN AUGMENTATION RHINOPLASTY – A MATHEMATICAL SOLUTION”** at South zone Conference of ENT at Chennai, 2004

- IV. Presented a Scientific study titled *“CHANGES OF ELECTRODE IMPEDANCE MEASUREMENTS OVER A TIME OF 6 MONTHS AFTER SURGERY IN NUCLEUS COCHLEAR IMPLANT RECIPIENTS”* at the Fifth Annual Conference of Cochlear Implant Group of India on 23rd to 25th November 2007 at Pune, Maharastra, India
- V. Presented a Scientific study titled *“CHANGES OF PSYCHO ELECTRIC PARAMETERS OVER A TIME OF 6 MONTHS AFTER SURGERY IN NUCLEUS COCHLEAR IMPLANT RECIPIENTS”* at the Fifth Annual Conference of Cochlear Implant Group of India on 23rd to 25th November 2007 at Pune, Maharastra, India
- VI. Presented a Scientific study titled *“COCHLEAR IMPLANTATION PROGRAMMEE - OVERVIEW”* at the Sixth Annual Conference of Cochlear Implant Group of India on 28th to 30th November 2008 at Bangalore, Karnataka, India
- VII. Presented a Scientific study titled *“PERFORMANCE IN DIFFERENT LISTENING SITUATIONS WITH CUSTOM SOUND 2.0 IN NUCLEUS FREEDOM COCHLEAR IMPLANT RECIPIENTS”* at the Sixth Annual Conference of Cochlear Implant Group of India on 28th to 30th November 2008 at Bangalore, Karnataka, India
- VIII. Presented a Scientific study titled *“CHANGES IN ELECTRODE IMPEDANCE DURING INTRA OPERATIVE AND SWITCH ON IMPEDANCE TELEMTRY ”* at the Sixth Annual Conference of Cochlear Implant Group of India on 28th to 30th November 2008 at Bangalore, Karnataka, India
- IX. Presented a Scientific study titled *“CHANGES IN IMPEDENCE, AUTO NRT VALUES WITH AND WITHOUT STYLET IN NUCLEUS FREEDOM CONTOUR ADVANCE COCHLEAR IMPLANT DURING INTROP NRT”* at the Sixth Annual Conference of Cochlear Implant Group of India on 28th to 30th November 2008 at Bangalore, Karnataka, India
- X. Presented a Scientific study titled *“ELECTRODE IMPEDANCE CHANGES BEFORE AND AFTER PACKING THE EAR IN NUCLEUS COCHLEAR IMPLANTS”* at the Sixth Annual Conference of Cochlear Implant Group of India on 28th to 30th November 2008 at Bangalore, Karnataka, India
- XI. Presented a Scientific study titled *“COMPARISON OF RESIDUAL HEARING BEFORE AND AFTER IMPLANTATION”* at the Sixth Annual Conference of Cochlear Implant Group of India on 28th to 30th November 2008 at Bangalore, Karnataka, India

ADVANCED TRAINING COURSES

- 1989 Management of Obstructive Sleep Apnoea Syndrome (OSAS),
Los Angels, USA
- 1991 Management of Obstructive Sleep Apnoea Syndrome (OSAS),
Los Angels, USA
- 1994 Cochlear Implant Surgery work shop,
Bionic Ear Institute, Melbourne, Australia
- 1994 Rehabilitation of Cochlear Implantees,
Sydney, Australia
- 1995 Voice disorders Symposium,
London, UK
- 1995 British Academy Conference in Ear Nose and Throat,
Manchester, UK
- 1996 Micro Ear & FESS workshop,
Georgia Ear Institute, Savannah, USA
- 2000 American Academy of Otorhinolaryngology,
Washington, USA
- 2007 Visiting Implant Surgeons To Australia (VISTA),
Australia
- 2008 Update on Bone Anchored Hearing Aid (BAHA)
Bangalore, India
- 2008 Cochlear Symposium on Advanced Surgical techniques,
Chennai, TN, India
- 2009 Cochlear Technology and Research lab, Melbourne, Australia
- 2009 12th Symposium on Cochlear Implants in Children, Seattle, USA
- 2009 Cochlear Symposium, GOA

GUEST FACULTY AT WORKSHOPS

- 1998 Micro ear surgery
Regional Institute of Medicine, Imphal, MP, India
- 2004 General ENT surgical workshop
Government ENT Hospital, Hyderabad, India

- 2004 General ENT surgical workshop
Maruthi Hospital, Trichi, TN, India
- 2005 Rhinoplasty workshop
Stanley Medical college, Chennai, TN, India
- 2005 International Cochlear Implant Surgery
Government ENT Hospital, Hyderabad, AP, India
- 2008 International Cochlear Implant & Skull base surgery workshop,
Visakhapatnam, AP, India
- 2009 Annual conference of Tamilnadu State AOI branch
- 2009 Annual conference of Maharastra State AOI branch
- 2009 Annual conference of Tamilnadu State AOI branch

AWARDS / ACHIEVEMENTS / FELICITATIONS

Felicitated by Hon. Chief Minister Dr. Y. S. Rajashekhar reddy on children's day celebrations, 2008

Best Team award by Hon. Home Minister E. Madhavareddy.

Successfully completed 360 Cochlear Implant surgeries

World record: 18 Cochlear Implant surgeries in a single day

Sleep Apnea treatment cases, highest number

CERTIFICATION AND LICENSING

Medical Council of India (MCI), New Delhi, India

10129-A.P., India

MEMBERSHIPS OF MEDICAL BODIES

American Academy of Otolaryngology, Head & Neck surgery

Association of Otolaryngologists of India (AOI), India

Indian Otological Society

Indian Rhinology Society

Indian Society of Laryngology

Cochlear Implant Group of India (CIGI)

Association of Otolaryngologists of India, Andhra Pradesh branch

Founder member and Secretary, Society to Aid the Hearing Impaired (SAHI)

GUEST ORATIONS

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| 1995 | Management of Obstructive Sleep Apnoea Syndrome
Maharashtra state ENT Conference, Aurangabad, MH, India |
| 2002 | Guest Oration
South Zone ENT Conference, TN, India |
| 2003 | Surgical treatment of Obstructive Sleep Apnoea Syndrome
South Zone ENT Conference, Madurai, TN, India |
| 2004 | Latest trends in Management of Obstructive Sleep Apnoea Syndrome (Dr. Laxmipathi Oration)
South Zone ENT Conference, Visakhapatnam, AP, India |
| 2005 | Rhinoplasty: My Experience
Rhinoplasty workshop, Chennai, TN, India |

Teaching Experience I have worked for South Central Railways during which time I have trained under graduates in the field of ENT. I have also started a successfully running DNB post graduate training programme for the past 3 years.

Extra Curricular Activities

As a known follower of sports, I won several honors including Madras Athletic schools individual champions both in juniors and seniors in 1967 & 1968. Represented Madras University for 3 years in hockey in the All India Hockey Championship. In 1976 I was selected for the All India University team in hockey for the National Institute of Sports, Patiala coaching camp.

OTHER ACTIVITIES

Society to Aid the Hearing Impaired (SAHI)

- Conducted **30 medical camps**, screened more than **5880 patients** in rural areas

- Performed more than **409 surgeries** free of cost
- Distributed **448 Hearing aids** free of cost
- Initiated and Implimented “**Deaf Free Mandal**” Project at Nawabpet, Mahaboobnagar.
- Initiated and conducted “**Cochlear Implant awareness programs**” in coordination with M/S PIKA Medical pvt. ltd.
- Started “ **Cochlear Implant Club**”
- Started and Helped Hearing Impaired children under “**Gift a Ear**” Project
- Started and implementing “**Grow a tree... for free..**” project

PERSONAL DATA

Date of Birth: 24-12-1951

Nationality: INDIAN

Marital Status: MARRIED