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NETHRADHAMA

Super Speciality Eye Hospital



Vision :
Leadership in the eye care domain

Mission :
"Vision care par excellence"



An ISO 9001 : 2008 Certified Hospital



First NABH Accredited
Superspeciality Eye Hospital in India





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Dr. Sri Ganesh
Chairman & Managing Director

The world of achievement has always belonged to the optimist. – Harold Wilkins

Welcome to Nethradhama !

Chairman's Message...

Nethradhama Superspeciality Eye Hospital is a world-class facility focused primarily on quality eye care with cutting edge technology and highly skilled doctors. With a Mission "Vision care par excellence" and Vision "Leadership in the Eye care domain", Nethradhama strives to live up to the expectations of its patients. The patient is the most important asset of our hospital, the center of our attention, and at the heart of all our efforts to promote or restore eye health. We hold our core values - teamwork, respect, integrity and compassion very close to our heart and strive to provide quality eye care to maximize patient satisfaction.

Excellence in delivery of services is a hospital-wide initiative, having its roots in patient, their family and staff satisfaction. We enhance our patient's delight through continuous quality improvement and upgrading our knowledge, skills and implementation of Quality Management Systems. Quality is thus everyone's responsibility and commitment.

We focus all our efforts in delivering care through a patient-centric model. Evaluating the patient feedback has provided me with an appreciation of how important it is to see our hospital from a patient's perspective. Patient's opinion is honoured and all suggestions are analyzed for improvement of services. This ensures patient empowerment. We also welcome patient referral and active interaction with our colleagues and other institutions.

Nethradhama is an icon of dynamic progress in the field of Ophthalmology. We are happy to announce that Nethradhama Super Speciality Eye Hospital is the first eye hospital in India to be accredited by National Accreditation Board for Hospitals & Healthcare providers (NABH), a constituent board of Quality Council of India which focuses on "Patient safety and Quality of care". We are also the first hospital in India to be certified for the ISO 9001:2008 standards. We have been awarded the Priti Natarajan Award for "Good Eye Hospital Administration" by the Scientific Committee of All Indian Ophthalmic Society during 68th AIOS annual conference in January 2010 at Kolkatta .

It gives us great pleasure to inform you all that we have successfully implemented Lean Six Sigma principles in the delivery of our eye care services. We have been conferred the "Best LSS Project Award" by Quality Council of India and Qimpro Consultancy. We have also bagged the prestigious FICCI Healthcare National Awards 2010 for Operational Excellence in Healthcare delivery which was given by the Hon'ble Union Minister Of state for Health & Family Welfare Sri.Dinesh Trivedi and Cine Star Kamal Hassan.

Patient care is multi disciplinary in nature. We encourage continuity of care through well defined protocols. Every individual is cared for by the team of doctors, counselors and coordinators offering personalized care and catering to the information needs of our patients. Strategically located information kiosks ensure patients access to the 3 dimensional audio-video displays of various eye disorders. Seamless transfer of information is ensured by diligent documentation and monitoring of electronic medical records in the HIS. We have acquired new equipments like, FFA (Viscucam NM/FA), GDx Pro, Cirrus HD-OCT 4000, Lumera 700 Microscope, Autoclave (Tuttnauer 5075 SG), AMARIS 750S excimer laser system from Schwind, Aespire Anaesthesia Workstation (GE - Datex Ohmeda), Anaesthesia Star 55 (L&T) with AGM and L&T Comet P. We are the first eye hospital in South Asia to install the plasma sterilizer PlazMax from Tuttnauer, which is the first of its kind and is very environment friendly. We have the State-of -the -art Computer Vision Clinic to detect and treat Computer Vision Syndrome. This equips the newer generation of ophthalmologists to face the challenges of eye care delivery in the 21st century. We have a very comprehensive curriculum for the training of our students. This is supported by the dedication and commitment of our faculty.

We encourage medical students considering post graduation and a career in various sub specialities of Ophthalmology. We also regularly conduct continuing medical education programmes. We are affiliated with Diplomate of National Board, New Delhi for postgraduation in Ophthalmology and Rajiv Gandhi University of Health Sciences for post doctoral fellowship programs.

The Hospital has started B.Sc courses in Optometry through Nethradhama School of Optometry. The course is the First of its kind in the state of Karnataka to be recognized by Rajiv Gandhi University of Health Sciences and approved by Government of Karnataka.

Our corporate social responsibility through Shraddha Eye Care Trust, a 90 bedded Charitable Eye Hospital has fulfilled the hopes of better vision and eyecare to many economically under- privileged patients. Our doctors and staff extend their services at Shraddha Eye Care Trust. We whole heartedly welcome philanthropists to contribute and participate in this social cause of ours.

The passion and exuberance exhibited by the team of Nethradhama is contagious and we are looking forward to continuing progress in years to come. Our benefactors will be hearing more about the excellent services and programs, which the hospital offers, as well as the high level of technology available to our staff to deliver better eye care for our community. We have an in house quarterly e-news letter called e-nayana which updates our patients and well wishers with the activities and new services at Nethradhama. We have a comprehensive and updated website www.nethradhama.org which provides an overview of our services.

Whatever your reason for visiting our hospital, we invite you to become better acquainted with Nethradhama Super Speciality Eye Hospital, and share our enthusiasm for providing tomorrow's eye care today.

Dr. Sri Ganesh

Chairman & Managing Director



First Eye Hospital to achieve Accreditation for NABH Hospital Standards in India
- May 2008

Quality Policy :

Nethradhama Super Speciality Eye Hospital is committed to provide prompt & specialized eye care treatment using the best of technology and skills.

Our aim is to be a primary institution in the eye care domain which we will achieve with a human touch by a committed team of professionals to the complete satisfaction of our patients.

We are committed to comply with the requirements of ISO 9001 and NABH Standards for hospitals, for continually improving the Quality Management system requirements.

Quality Objectives :

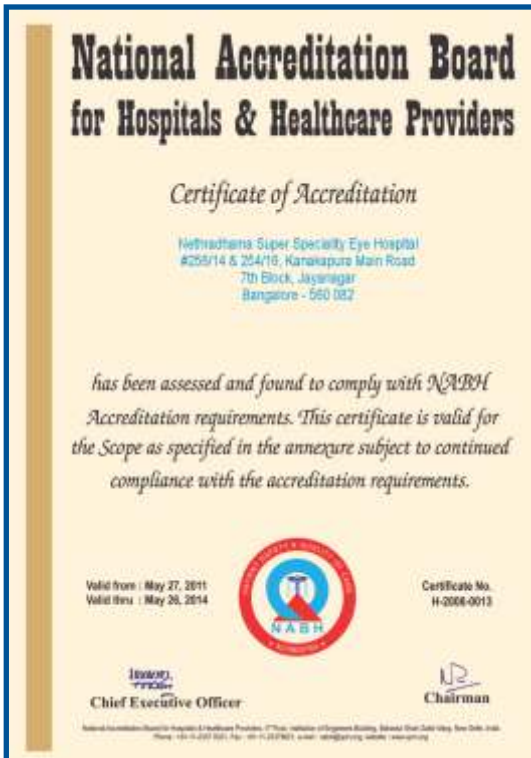
- To provide prompt Super Speciality eye care services & facilities under one roof
- To ensure patients are provided with an accurate and high quality of care.
- To ensure Quality Care is rendered by a team of professionals whose skills are constantly upgraded.
- To carry out continuous upgradation of technology and human resource development activities in a congenial and safe environment.
- To balance patient expectations, patient needs and available resources to achieve Patient Satisfaction and Quality Care.



First Eye Hospital to be certified for
ISO 9001:2008 Standards in India - May 2009



First NABH Accredited Superspecialty Eye Hospital in India



First Eye Hospital to get reaccreditation for NABH Hospital Standards(2nd Edition) in India - May 2011



QUALITY MANAGEMENT SYSTEMS

QUALITY ASSURANCE & IMPROVEMENT



Quality begins on the inside... and then works its way out. At Nethradhama Super Speciality Eye Hospital, we update ourselves with the latest advances in practice management. Nethradhama believes that it is only with quality patient care, research and teaching of the highest standard, its excellence can be developed and sustained. The Quality improvement programme in Nethradhama is regularly audited for its effectiveness.

Commitment of the top management is visible through direct participation and interaction with Clinical HOD's and various departmental managers, addressing the patients and staff grievance through established grievance addressal mechanisms and improvement through upgradation of technology & infrastructure. This will ensure that all processes will be performed as per evidence based medicine, preferred practice patterns, documented procedures, with necessary checks and inspections to establish and improve the Quality Management System.

During medical audit, various key performance indicators are analyzed. The Quality Assurance coordinator and the Medical Superintendent monitor the accuracy and completeness of all electronic medical records. All eye surgeries are analyzed for the visual outcome and intra operative and post operative complications. Out of the 60,000 cataract surgeries analyzed, over 98% of patients attained a visual outcome of 6/12 or better. Continual improvement is ensured through updation of technology, especially in Phaco emulsification and customized Laser vision correction. The phaco emulsification techniques in cataract surgery have excellent results compared to conventional cataract surgery & surpass those of leading centres globally. Training and extensive wetlab practice under close supervision followed by uncompromising quality assurance programs have ensured that the highest standards are achieved.

QUALITY ASSURANCE & IMPROVEMENT



Our commitment to quality is evidenced through our accreditation with NABH & ISO 9001:2008. We implement the patient safety solutions, recommended by the "World Alliance for Patient Safety" launched by World Health Organization.

Quality is everyone's responsibility. We are what we repeatedly do. Excellence, then is not an act, but a habit. Working on the concept of Quality Assurance, Nethradhama endeavours to establish quality systems in various clinical and administrative departments. Regular Quality meetings by all the departmental managers and the clinical heads of the departments ensures monitoring and evaluation of the various performance indicators of the hospital. Management Review Meetings improve team dynamics through effective leadership and reinforces the staff participation in the decision making process. Nethradhama observes World Quality Day every year to promote quality internally and Make employees aware of what quality means to our organization and to make them show how they can contribute. Training courses on quality for all employees is undertaken. Quality suggestion competition for staff to come up with ways of improving quality approaches internally like small presentations, videos and handouts containing articles on enhancing quality in the hospital. Quality suggestion competition – for patients/customers is also organized. They are encouraged to write about or come up with ways of improving quality Eye care services, Optical & Pharmacy services. attractive prizes are given away for best entries received.



Dr. Suman Shree.R
CEO & Director,
Nethradhama Hospitals Pvt. Ltd.





Nethradhama has bagged the prestigious FICCI Health Care National Awards 2010 for Operational Excellence in Health Care Delivery. The award was received by Dr.Suman Shree.R, CEO, of the hospital from Hon'ble minister of state for health & family welfare Sri.Dinesh Trivedi who inaugurated the conference" FICCI Heal 2010: Healthcare for all Global standards with local touch" and Sri.Kamal Hassan, noted film star and chairman FICCI Entertainment Committee 2010 at New Delhi on 6th September 2010.



It was indeed a proud moment for Nethradhama Super Speciality Eye hospital, Bangalore as we have been awarded the Best Project for Lean Six Sigma in Health care under the National Demonstration Project conducted by Quality council of India. Dr. Suman Shree. R, CEO & Director, Nethradhama Super Speciality Eye hospital, Bangalore received the best LSS award from Dr. Girdhar Gyani, Secretary General, Quality Council of India & Mr. Suresh Lulla, Managing Director (Qimpro Consultancy Pvt .Ltd). It is the first ever LSS project implemented in the "Health Care Sector" in India. This was a unique project which was mainly concerned with reducing the need for the use of spectacles for distant vision following the cataract surgeries with foldable intraocular lens implantation.



The other LSS project at Nethradhama was "Reduction in the cycle time for initial assessment during general eye check-up in the OPD". This project was selected based on the Voice of customer. Both the projects demonstrated tangible and intangible benefits to the patients and the organization. Lean Six Sigma principles ensured that both speed and quality of eye care services were enhanced. The implementation of LSS principle was a hospital wide initiative which included the identification and elimination of the various "Lean Wastes". The Six sigma analytical tools enhanced the

power of data analysis and facilitated a measurable improvement in patient satisfaction. The LSS principles were very educative and catalyzed team work and enthusiastic approach to patient care.

QUALITY ASSURANCE & IMPROVEMENT



Priti Natarajan Award

The All India Ophthalmological Society – AIOS has conferred the prestigious “Priti Natarajan Award” for the year 2010 on Dr.Sri Ganesh, CMD, Nethradhama Hospitals for “Good Eye Hospital Administration” . The award was presented by the Chief Justice of Gujarat High Court Sri.S.J.Mukhopadhaya to Dr.Sri Ganesh at the 69th AIOS Conference held in Ahmedabad on 3rd February 2011.



Dr. Sri Ganesh receiving the Priti Natarajan Award



Dr. Sri Ganesh was awarded “GOLD MEDAL” for Outstanding Service in Ophthalmology at BOA conference held at Mumbai on 27th August 2011. The award was presented by Dr. Vijay Kumar Gavit, Minister, Medical Education Govt of Maharashtra.



Dr. Sri Ganesh receiving the TORIC ICL & ICL Award at the STAAR Surgical 8th International Visian ICL Experts Symposium, held at Vienna on 16th September 2011.

INFRASTRUCTURE & FACILITIES



Frontdesk & Outpatient Department

The outpatient department, is attended by a minimum of one lakh patients each year. The outpatient service includes: general ophthalmic clinics and speciality clinics (cornea, glaucoma, vitreo-retina, oculoplasty, diabetic eye clinic, squint, orbital and paediatric ophthalmology). The out patient department is ergonomically designed with eight air conditioned and fully equipped consultation rooms and individual optometry and contact lens clinics. Nethradhama provides patient friendly services through a single window operating system. The front desk executive provides a patient with complete information, booking and scheduling appointments, Patient registration, billing, etc., so that a patient need not move from one counter to another for various processes making it pleasant and hassle free registration process. We have a unique concept of time motion study which monitors turn around time per consultation which is displayed for the public.



Patient waiting area

A well-lit & spacious atrium welcomes the patients to the reception & registration desk. The patient waiting area with comfortable seating is located outside the respective consultation suites. We do our best to ensure that the patients are seen as soon as possible and according to the order of appointments. A degree of priority is given to patients whose clinical needs are highest. Patients awaiting their turn have the advantage of browsing through brochures, latest magazines apart from news papers. Watching television, browsing internet, going through 3 dimensional information kiosk on various ophthalmic disease or just reading latest news magazines and news papers apart from reading disease specific brochures available in all floors of the hospital.



Touch Screen Information Kiosk

Nethradhama is proud to have 3D Eye Office, animated software which explains various topics about the eyes in a user friendly manner. From videos of surgeries to post operative care the kiosk provides electronic information. One need not stand at the enquiry queue at the hospital, as the information provided in the kiosk is comprehensive. The information kiosks are made available to patients in all our floors and lounges.



Entertainment & Media

Nethradhama has set up flat screen television sets with cable TV at all floors of the hospital at strategic locations for patients and their attenders to be in constant touch with the world outside while they await their turn. Patients can request for their favorite channel or show to be played while they await their turn! The hospital provides continuous soothing channel music which blends with the ambience of the premises.



Kids play area

Tiny trots can have fun with colours or story books and Children Magazines that are specifically kept in the kids play area in the Paediatric Ophthalmology area. The paediatric Ophthalmology area is beautifully painted with cartoons to bring alive a child's favorite cartoon character



Electronic Feedback Facility

We have installed Electronic patient feedback system in our out patient departments enabling patients to express their opinion on our services and to air their grievances.

Executive Lounge

Nethradhama Superspeciality Eye Hospital has become an exemplary leader for Quality Management Systems & receives many international delegates, guests and visitors. Nethradhama gives importance to guest relations with a friendly and cheerful environment, coupled with courteous and caring staff who will give a first and lasting impression. Nethradhama has a strategically located executive lounge with a soothing ambience for the VIP guests and delegates.

Aquarium

Nethradhama has a visually pleasing marine aquarium as a focal point in the lobby of the speciality Block. A post cataract surgery patient says, "Dr. Sri Ganesh, I can distinguish the pleasant colours and hues of the fishes in the aquarium very clearly after my surgery". Compliments for our aquarium as well as our surgery!!!

Coffee & Snack bar

In the OPD Block, the invigorating aroma of coffee invites you to the well maintained coffee day Xpress take away counters. The outlet offers delicious and sumptuous beverages & snacks for a rejuvenating experience. The ambience is eco-friendly & provides free internet browsing for its customers.

In the Speciality Block, the coffee shop caters to the requirement of the diabetic patients also. Eg: Sugarless tea, coffee etc. It also has fruit juices and hot & hygienically prepared instant noodles

Parking facility for patients

The hospital provides free, secured and safe parking facilities for its patients at an adjacent site next to the hospital. Valet parking is also undertaken. Parking premises are guarded by efficient security personnel.

Patient safety & Security

Closed circuit television channels function 24/7 in all prominent locations of the hospital to monitor not only safety and security but also to ensure smooth flow of patient's across all departments. The hospital wide safety programme is spearheaded by the administrative department which conducts regular code red drills to evaluate preparedness for fire emergencies.



PATIENT CARE SERVICES

Call Centre

Nethradhama has a dedicated call centre facility with adequate and trained staff, who provide valuable patient information services through telephonic booking of appointments. Our call centre executives personally intimate patient about the changes in the scheduling through telephonic calls and are multilingual and help you choose your doctor at Nethradhama.

Appointment

A newly implemented open access appointment system enables patients to get an appointment and be seen by their respective consultant within a day or two of calling.

Working hours : Mon - Sat : 9a.m to 9p.m, Sunday 9a.m to 1p.m

For appointments email us: appointment@nethradhama.org or call hospital number 080 - 2608 8000 or mobile number + 91 94480 71816 during the working hours only.

Patients are guided to the various consultation suites, speciality clinics, surgery suites and supportive areas escorted by well organized OPD and patient co-ordinators.

Registration



The front desk executives help patients to complete initial registration formalities as well as providing all the assistance and required information to the patients. They also provide appointment schedules for revisits

Nethradhama offers personalized services to the patients and helps patients to register themselves through the biometric unique patient identification system. The patients save time through direct registration where the details are displayed to the patient, thus making error-free registration possible. Registration can also be done online through our website.

Patients also have the biometry registration system, one of its kind where the data and the records are accessed through the thumb impression. The hospital has a highly sophisticated and reliable Hospital Information System which has been customized precisely to the needs of the organization. Patient's records are confidentially secured and accessed through this reliable and efficient system. The hospital has well planned software disaster management system in place.

Display of appointment systems

Nethradhama has a display system in the OPD floors to relay the patient appointment status live while they await their turn. This system is a unique facility for the patients of Nethradhama.

Optometry



Well-trained optometrists do the initial eye examination and perform various diagnostic procedures like visual fields etc. We also offer optometry courses to meet the increasing demand of skills in the field of ophthalmology. The Hospital has started B.Sc courses in Optometry through Nethradhama School of Optometry. The course is the First of its kind in the state of Karnataka to be affiliated by Rajiv Gandhi University of Health Sciences and approved by Government of Karnataka.

Speciality Clinics

Nethradhama has a dedicated speciality clinics block with state-of-the-art infrastructure and clinical expertise to treat any of the various Retinal, Cornea or Glaucoma diseases.

Surgical Counseling & Patient Coordination

We in Nethradhama believe that treatment alone is not enough. So we provide both pre and post-operative counselling service. This supports and compliments nursing to ensure that patient recovery gets full attention. When patients are advised surgery, many queries arise about the surgery and the outcome. A qualified professional counselor assists patients in selection of surgical packages, pre operative preparations and post-operative counselling .

Our surgical coordinator and counselors guide the patient professionally to choose among various surgical packages along with written estimates. Our counselors are trained and have the expertise to answer all your queries. They also provide precise pre-operative and post operative guidelines.



PATIENT CARE SERVICES



Health insurance

Nethradhama Superspeciality Eye Hospital has established a corporate relations department to cater to the needs of patients covered by insurance companies including Yeshaswini schemes and clients from corporates.

Health insurance today is emerging as a major component of general insurance. More and more establishments are now focusing on health & safety amongst their employees. As a result, more corporates now tie up with us for all their eye care needs. Corporate relations department of Nethradhama caters to the needs of these patients and ensures that patients claims are well processed in time.



Daycare Rooms & Discharge

The patient is sent to a comfortable Day Care Lounge along with their file after the necessary investigations and pre-anaesthetic evaluation. Pre-operatively, patients are given pre-medication and the eye to be operated is dilated and informed written consent is taken. Nethradhama has a comfortable day care lounge with recliner seating systems for patients undergoing surgery.

Patients from outstation or patients who require inpatient treatment other than day care procedures are admitted depending on their choice of wards.

Recovery Room

Pediatric patients and patients operated under general anesthesia will be admitted into recovery room after their surgery. The recovery room is a post operative high dependency unit which is well equipped & manned by trained staff for close and continuous post operative monitoring.

Post operative ward / Discharge rooms

All patients are given pre printed post operative instructions and discharge notes in the post operative ward/ discharge rooms. The post operative ward has cots with railings to enhance safety and sofas with plush upholstery to make patients comfortable post operatively. We also relay video films on post operative care and best eye care practices for all our surgery patients

Emergency Eye Care services

Nethradhama is open 24x7 for all ophthalmic emergencies. The hospital has experienced resident doctors and trained personnel to treat ophthalmic emergencies. Senior consultants and surgeons are also available on call whenever required. The patients can reach for emergency services on Emergency Hospital mobile: 98451 95898 (for eye emergencies only)



Grievance addressal

Nethradhama strives hard to keep our patients highly satisfied. To achieve this we also have various pro-patient policies which take adequate care of the patients' rights & responsibilities. Patient grievances, if any, are addressed in a hierarchical manner through administration & top management. Appropriate remedial action taken is communicated to the concerned patient.

CATARACT & INTRAOCULAR LENS IMPLANTATION



Dr. Sathish Prabhu
Medical Superintendent & Director.
Nethradhama Super Speciality Eye Hospital

Cataract is the most common eye disease. Ageing is the most common cause of Cataract. Surgery is the only course of treatment for cataract. Cataract surgery is a daycare procedure. The process involves removing the cataract and replacing it with a lens implant.

There are two types of surgery: Extra Capsular Cataract Extraction / Small Incision Cataract Surgery and Micro Incision Cataract surgery (Phacoemulsification). The extra capsular method was the standard for over two decades. With advancing technology in surgical equipment, intra ocular lens implants and surgical skills, phacoemulsification has gradually become the procedure of choice in the majority of cases. Almost all cases of cataract are operated by phacoemulsification technique at Nethradhama.

Phacoemulsification with foldable IOL allows for an injectionless, sutureless, painless, no bandage surgery. Sutureless surgery is a relatively recent development. The wide incision of the extracapsular method which requires seven to nine stitches, causes postoperative astigmatism for several weeks.

Topical Anaesthesia (**No Injection and No bandage**): One of the latest and most significant developments in cataract surgery has been the use of topical anaesthesia. In the past many people would say that the worst part of their cataract operation was getting an injection "in their eye" to make it numb. Now the entire surgery can be done without an injection and by using only eye drops. The advantages of topical anaesthesia are numerous. Most importantly, the pain and risks involved with the injection are eliminated plus the operative results are perceived much faster, and sometimes immediate. After topical anaesthesia, you go home without an eye patch. Minimum curvatural changes occur in the eye following surgery. Final glasses can be prescribed within two weeks

Microincision Cataract Surgery (PHACOEMULSIFICATION) requires a very small incision of 1.5 - 2.8mm. In phacoemulsification, ultrasound power is used to break the hard cataract into minute pieces, which are then sucked out through this incision. A foldable lens (IOL) of the required power is then implanted. Once in place, the lens unfolds to its regular size. It is a walk-in walk-out procedure and is a **Stitchless, bloodless, painless surgery**. It has minimum post surgery precautions and the patient has a quicker healing and recovery.

Nethradhama is proud to introduce the first **OPMI Lumera 700 microscope**, advanced ophthalmic operating microscope to be installed in India. It provides Excellent visualization with SCI (Stereo Coaxial Illumination) which allows the eye surgeon to have an excellent view of the eye during the various eye surgeries thereby making the surgery simple, fast, safe & extremely comfortable to the patient & surgeon. It also provides superb workflow support through fast focusing, integrated USB video recording, wireless foot control panel and automatic interaction with the exceptional RESIGHT™



Nethradhama Superspeciality Eye Hospital has installed the Signature Phacoemulsification system keeping in mind the extraordinary procedural safety it offers. The first of its kind in South India, the Signature Machine uses the Ellips technology (cold ultrasonic energy), which prevents any thermal damage to the eye. Signature / Sovereign are the latest generation phacomachines as of now. Working on microprocessor based technology, they allow the use of high vacuum during surgery. The use of vacuum of upto 650mm Hg helps reduce the energy required for phacoemulsification. This leads to reduced surgery time, less trauma to the eye tissues, less post operative reaction leading to faster visual recovery and allows even very advanced cataract to be removed by phaco itself.

These machines also have non-contaminant tubings which reduce the incidence of infection. The sterilization (CSSD) department with class-B sterilizer provides procedural safety. Nethradhama Superspeciality Eye Hospital has opted for the latest technologies in phaco keeping in mind the extraordinary procedural safety it offers.

Nethradhama believes in delivering the best to the patient always. It includes providing the choice of multifocal IOL where patients are suitable. Unlike conventional IOL it has multiple zones of different focal lengths that bring everything from near to far into clear focus. The latest multifocal IOLs are designed to provide good distance vision, intermediate and near vision. They reduce the patient's dependence on glasses for routine activities.

PHACO MACHINES



Signature



Infiniti

REFRACTIVE SERVICES



Nethradhama Superspeciality Eye Hospital is one of the foremost refractive surgery centres in India and the region. Our results, high volume of patients and rapid growth can be attributed to our team of highly trained surgeons as well as dedicated support staff. We are able to provide our patients with not only quality care and successful outcomes but also ensure they enjoy the experience of the refractive surgery treatment- from the first phone call right up to the last postoperative visit.

Nethradhama continually upgrades its capabilities to treat a broad range of myopia (short-sightedness), hyperopia (long-sightedness) and astigmatism utilising the latest laser refractive surgery techniques.

Besides excimer laser PRK and LASIK procedures, we have also spearheaded new developments such as intralase for customized ablations and phakic intraocular lenses for correction of extremely high myopia. Various refractive surgeries are used to treat patients with power ranging from + 6.00D to -20.00D.

Nethradhama is the first in South India to introduce iLasik, a bladeless lasik surgery. We offer freedom from glasses through a personalized vision correction using customized Lasik correction through Custom vue & iLasik. The diagnostic equipment like Orb scan, Pentacam & Wave Scan give the optical mapping &

corneal topography mapping which provides information on power, thickness and shape of the cornea. Intralase femtosecond laser makes a bladeless customized flap & the customvue laser uses a cool laser beam to reshape the cornea as per the patients individual wave front. We use ilasik technology, a NASA approved technology for the best visual outcome through Intralase with customized Lasik. The machine uses the advanced iris registration technology, a non contact method of aligning the treatment to the cornea providing greater alignment accuracy. It is 100 % bladeless and assures greater uniformity of the flap.

Nethradhama also offers the facility for Implantable Contact Lens & Toric ICL's which address the special needs of the patients with higher refractive powers.

C3R & Kerarings

Nethradhama is the first hospital in India to introduce Keraring - intra corneal ring implant to treat Keratoconus - a condition where the curvature of the cornea becomes conical and corneal thickness is reduced. This results in high myopia and astigmatism which cannot be corrected by Lasik. C3R is collagen cross linkage treatment with riboflavin dye & ultra violet radiation which stops progression of Keratoconus.



REFRACTIVE SERVICES



Nethradhama has acquired AMARIS 750S excimer laser system from Schwind, Germany at Nethradhama. We are the first hospital in Asia to have this facility. Most people over the age of 40 years find it difficult to focus on nearby objects. They have to hold the reading material further away from their eyes or need brighter light to read. This condition is called Presbyopia and affects majority of the population after 40 years of age. Simple tasks like reading the newspaper, reading the time off your watch or looking at your mobile phone numbers become extremely difficult. This is a progressive condition and the loss of focus keeps on increasing with age. The only solution so far for this condition was to use reading glasses. Reading glasses may be cosmetically unacceptable to many and is inconvenient. Many people end up keeping multiple pairs of reading glasses at office, home and in the car. The new progressive glasses are cosmetically better but are expensive, and need to be changed every couple of years.

Lasik laser is a proven and popular technology for correcting various refractive errors and has been in vogue for 20 years with millions of procedures being done worldwide. A new Technology called Presby Lasik has been introduced at the Nethradhama Super Specialty Eye Hospital, Bangalore for correcting vision in people who are dependent on reading glasses. This German technology using blade free lasik with the latest AMARIS 750S excimer laser is the first of its kind in Asia. People who are in otherwise good health over the age of 40 years up to 60 years and dependent on reading

glasses. People with short sight, long sight and astigmatism along with reading glasses (Wearing bifocals or progressive glasses) and even patients who have undergone previous uncomplicated cataract surgery with intraocular lens implant, who are wearing glasses for distance and near vision are eligible.

The procedure itself is a simple out-patient treatment, which takes about 10 to 15 minutes for both eyes. An initial screening of the corneal thickness and topography is important to ensure eligibility and optimal results. The procedure is done under topical anesthesia drops (no injections are given). It is basically a painless procedure in which a thin flap of the cornea is lifted using a femtosecond laser. Then with a special customized software called presbymax, the AMARIS 750S laser, which is the fastest laser in the world, makes the correction on the cornea in 10 seconds. The flap is put back and sticks like Velcro and does not require any stitches or bandage. The patient is discharged in half an hour and the recovery is full in 24-48 hours and they can go back to their normal activities.

Results:

The procedure is in practice from 4 years in Europe and trials conducted in Germany and Spain show excellent outcomes with 98% of patients being fully corrected for distance and near vision. The procedure is CE approved. The AMARIS 750S is a 750Hz excimer laser with advanced 6 dimensional tracking at 1050Hz. This is the fastest and most accurate laser in the world for correction of different types of refractive errors including Presbyopia.

VITREO RETINA SERVICES

Nethradhama Superspeciality Eye Hospital has the capability to treat any retinal detachment, using various treatment techniques, including the traditional scleral buckle to pneumatic retinopexy and primary vitrectomy. Our vitreo retinal surgical service includes intraoperative laser, Optical Fibre Free Intravitreal Surgical System for bimanual surgery with wide-field viewing capabilities & state-of-the-art Megatron S3 high speed Vitrectomy System from Geuder, Germany.



The vitreo retina service has a fully equipped retinal photography department, able to perform fundus photography, fluorescein and indocyanine green angiography using state of the art digital IMAGENET 2000 (Topcon, Japan) which is installed for the first time in Karnataka.

Fundus Fluorescein Angiography / Indocyanine Angiography is done by injecting the dye and evaluating the retina. **Visucam NM/FA** is patient friendly in the following ways

1. Provides Fast & easy Auto fluorescence & ICG images
2. Enables photos with pupils diameter of 3.3mm , the smallest for any traditional non mydriatic fundus camera
3. Minimizes corrective exposure actions performed by the operator
4. Decreased light strain to the patient
5. High quality optics to ensure clinically accurate image

reproduction

Provides wide overview of the retina automatically **Optical Coherence Tomography** is a new, noninvasive, noncontact, imaging technology capable of producing cross-sectional images of the living human retina with extremely high resolution (approximately 8-10 microns) for accurate detection and staging of macular holes, central serous retinopathy, diabetic maculopathy and ARMD.

Cirrus HD-OCT

This new high-performance OCT instrument from Carl Zeiss Meditec offers a quantum leap forward in imaging

1. It features spectral domain technology, Cirrus HD-OCT delivers exquisite high-definition images of ocular structures, precise registration and intuitive, efficient operation
2. Advanced optics aids in the examination of patients with cataracts. Dilation is not required even for pupils as small as 2.5 mm.
3. Delivers superior image capture and analysis in just a few clicks, resulting in reduced turn around time for the patient.



4. 90 degree orientation facilitates observation of patient throughout the examination.
5. Auto Patient Recall assures patient position and instrument setting are repeated from previous visit.

VITREO RETINA SERVICES



The new B-Scan from Ophthalmic Technologies Inc.(OTI) is the most advanced ophthalmic ultrasound which captures 3 dimensional images. This device is available in Nethradhama. Without this tool, the clinician may not be able to detect or manage a variety of ocular disease like vitreous haemorrhage, retinal detachment, retinoblastoma, optic nerve colobomas etc. Laser photocoagulation is the main mode of treatment for diabetic retinopathy. Both red and green lasers are installed in Nethradhama.

Green laser: (Frequency Double Nd: YAG Laser 532 nm) (Carl Zeiss,Germany; IRIDEX, USA; Lumenis, USA): This is the latest type of laser and is painless and given when no media opacity is present.

Diode Red Laser: (810 nm IRIDEX, USA): This is the Treatment for diabetic retinopathy, vein occlusion, retinal breaks/holes, retinal degeneration. Laser delivery can be in the form of slit lamp delivery or LIO (Laser Indirect Ophthalmoscopy).



Photo Dynamic Therapy (PDT) is the most effective way to treat Choroidal Neovascular Membrane (CNVM) due to Age related Macular Degeneration (ARMD) with excellent results. We have the Lumenis PDT Laser 689, (USA), which is the first in Karnataka.

We also manage complex retinal conditions like proliferative vitreoretinopathy (PVR) and giant retinal tears. Surgeries are done for retinal diseases like Diabetic Retinopathy. Various Intraocular agents like silicone oil and long-acting gas injections like C3F8 are used. Other surgical vitreoretinal capabilities include macular surgery for the peeling of epiretinal membranes and macular hole surgery. In ocular

trauma, we manage perforating eye surgeries and posterior segment trauma including intraocular foreign body. We co-manage complicated cases Eg: combined procedure of Phaco and Vitrectomy surgeries.

EP - 1000 Multi focal ERG/VEP

This is an advanced ophthalmologic diagnostic unit for a complete examination of the retinal function, the visual pathway and the optic nerve. Different diagnostic procedures can be performed such as ERG, VEP, MFERG, MFVEP and EOG. EP-100 corresponds to the ISCEV standards (International Society for Clinical Electrophysiology of Vision)

ERG (Electro Retino Gram)

ERG is an objective method of assessing the retinal function. The eyes are stimulated with Ganz field dome and this evokes signals from the eye with the help of electrodes. This is a very useful test in hereditary retinal disorders, unexplained visual loss, to monitor certain drug toxicity affecting the retinal vascular diseases. This test can also be done in children with the help of LED goggles.

VEP (Visual Evoked Potential) This test helps us to determine the integrity and function of optic nerve and visual pathway. This is a very useful test to diagnose optic nerve involvement like inflammation, demyelination and in traumatic conditions. It is very useful test to assess visual acuity in children also.

Multi focal ERG: This is one of the recent development in the field of Electrophysiology where the ERG exposures are recorded simultaneously from multiple retinal areas. It is an innovative test to detect certain localized lesions in the retina and to detect glaucoma in its early stage.

EOG (Electro Oculo Graphy)

This test is also used in various hereditary retinal disorders.



Dr. Savitha Arun
Quality Assurance Co-ordinator

GLAUCOMA SERVICES

The Glaucoma Service of Nethradhama Superspeciality Eye Hospital provides secondary and tertiary care to glaucoma patients. Our spectrum of cases range from early detection of glaucoma to complicated and refractory glaucoma cases referred from both local and regional ophthalmologists. Treatment modalities available at our hospital range from laser treatment for angle closure glaucomas, antimetabolite augmented filtration surgery, combined phacoemulsification and trabeculectomy operations, Seton implants for complicated and refractory glaucomas to Selective Laser Trabeculoplasty. The service is also actively involved in various research projects including multicentre trials.

We have equipment such as the Humphrey's Visual Field Analyser, Optic nerve head digital photography, the Gdx Nerve Fibre Analyser, the anterior segment Ultrasound Biomicroscope and the optical Coherence Tomography, Yag laser for iridotomy, applanation and non-contact tonometers, gonioscopy, facility for TSCPC, cyclocryotherapy, laser deep sclerectomy, Selective Laser Trabeculoplasty. All these technologies aid us in providing optimal care in the evaluation, assessment and treatment of glaucoma patients.

Visual Field Examination

The Humphrey Zeiss Visual Field Analyser is used both for diagnosis and follow up of patients with glaucoma. It is commonly known as visual field test. This is a non-invasive computerised test which takes about 20 minutes to perform and gives information regarding damage to the field of vision due to glaucoma.



Gdx Nerve Fiber Analyser

Nethradhama Eye Hospital has been the first hospital in Karnataka to install the Gdx nerve fibre analysis. This analyzer represents the latest in technology for glaucoma diagnosis and treatment. The Nerve Fiber Analyzer will allow us to actually measure subtle changes in the health and structure of the optic nerve fiber. This tool is also very useful in those people who are branded as "borderline". This sensitive tool can help in ending the controversy thus reducing the mental and physical trauma and financial burden to patients who are being treated on suspicion without actually having glaucoma.

GDx pro

First installation of this machine in India.

GDx™, the world's only Scanning Laser Polarimeter (SLP), uniquely characterizes Retinal Nerve Fibre Layer Integrity (RNFL-I™), structural information that goes beyond thickness.

State of the Art, sophisticated tool to help find glaucoma suspects and manage patients long term

The equipment is patient friendly in the following ways,

1. Reduces the number of visits to make diagnosis faster and more accurate
2. Structural information that goes beyond thickness.
3. Reduces the number of visits to make diagnosis faster and more accurate

GLAUCOMA SERVICES

4. Minimize patient fatigue with quick scan times.
5. There is no need to dilate pupil to obtain the Optic Nerve Scan.
6. Much faster compared to previous Scans, making it easy, rapid and accurate RNFL assessment.
7. Easier to obtain scan in patients with low vision too.
8. Acquires higher quality scans.

Ultrasound Biomicroscopy

UBM provides high resolution imaging of the front portion or anterior segment of the eye. It is able to achieve a very high resolution, in the order of 20 microns (a micron is 1/100 of a millimeter or 1/2500 of an inch), by the use of high frequency ultrasound transducers. The two forms of glaucoma which have benefited the most from ultrasound biomicroscopy research are angle closure glaucoma and pigment dispersion syndrome. UBM is mainly helpful in making diagnosis in certain difficult situations. In unusual cases where a surgery has failed, UBM helps in finding out the source of problem which in turn helps in taking appropriate corrective measures. Once again, Nethradhama has been in the forefront, being the first hospital in Karnataka to install this valuable tool.

Selective Laser Trabeculoplasty

This is a procedure involving laser energy to achieve a reduction in intra-ocular pressures. During this brief procedure (lasting about 10 minutes), the passages responsible for fluid outflow from the eye are opened up which were previously blocked. SLT is a useful treatment modality in most forms of glaucoma. It can also be extremely useful in people who are intolerant to medication or are not fit to undergo surgical procedures due to their ill health. This is done as an OPD procedure with just eye drops as an anaesthetic. It is painless. Following this procedure, the dependence of the patients on antiglaucoma medications is reduced. Our hospital is the first in India to acquire this. This has been approved by US FDA.

Other Treatment Facilities :

Ologen™ is a biodegradable and implantable scaffold Collagen Matrix Implant. To induce a regenerative non-scarring wound healing process without the use of anti-fibrotic agents. It is a Safe and Effective Treatment for wound management in surgeries, including Glaucoma Filtration Surgery and Pterygium.

Glaucoma valve is a medical shunt used in the treatment of glaucoma to reduce the eye's intraocular pressure (IOP). Such as the Ahmed glaucoma valve. These are indicated for glaucoma patients not responding to maximal medical therapy, with previous failed guarded filtering surgery (trabeculectomy)

Fluorouracil (5-FU or f5U) is a drug that is a pyrimidine analog which is used in the ophthalmic surgery, specifically to augment trabeculectomy (an operation performed to lower the intraocular pressure in patients with glaucoma) in patients deemed to be at high risk for failure. 5-FU acts as an anti-scarring agent.

Co2 laser The CO2 laser is a specialized laser that is filled with carbon dioxide gas and is extensively used in Ophthalmology



Mrs. Priyanka Upendra Popular Cine Actress Inaugurating the GDx Pro Machine



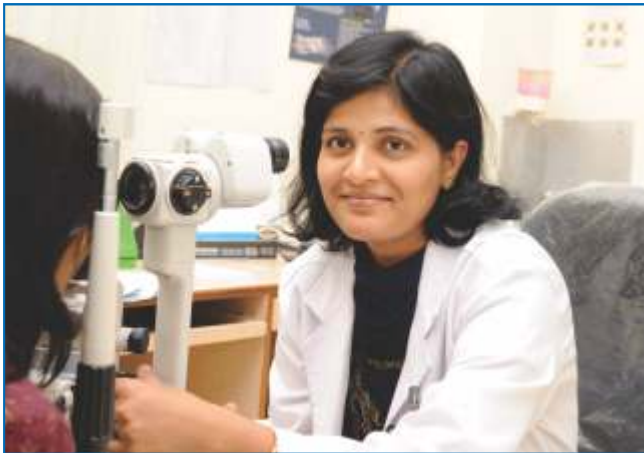
Motorcycle Rally



Eye Donation Awareness Bicycle Rally



CORNEA SERVICES



The Corneal Service of Nethradhama Superspeciality Eye Hospital delivers medical and surgical care to a wide variety of anterior segment eye disorders whether infective or traumatic in origin. Nethradhama Superspeciality Eye Hospital is recognized by the Government of Karnataka to conduct keratoplasty surgeries as per Human Organ Transplant Act.

Nethradhama is the first eye hospital in India to perform Intralase Enabled Anterior Lamellar Keratoplasty, Intralase enabled full thickness Keratoplasty & Intralase enabled endothelial Keratoplasty. Penetrating Keratoplasty and Deep Anterior Lamellar Keratoplasty surgery are successful corneal transplantation programs, by virtue of the close collaboration with the Shraddha Eye Bank, which is instrumental in securing a large number of high quality donor corneas. New

technologies introduced include human amniotic membrane transplantation and the development of the Artificial Cornea.

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Specular Microscopy is a photographic test used by our ophthalmologist to visualize the human endothelium.

Testing for dry eye syndrome includes evaluation of the tear film layer and "tear lake" (an accumulation of tears along the lower eyelid margin), Schirmer testing, evaluation of the tear break-up time, and Rose bengal staining.

New Smart Plug™ treatment for dry eyes is available in Nethradhama. Smart Plugs represent the very latest technology in occlusive dry eye therapy with even higher levels of comfort and speed of recovery. They are inert and non-degradable. The insertion is easy and painless. They cannot be rubbed out like ordinary plugs but could be removed should an outright cure for dry eyes become available.

Corneal tattooing is a safe and permanent procedure, which can improve disfigured and scarred corneas.

Squint treatment includes glasses, prisms, patching, Synaptophore exercises and surgery. Visual and cosmetic improvement is possible after squint correction.

Cornea department regularly conducts various programmes for Eye donation fortnight from August 25 – September 8, every year to create more awareness on eye donation, which is for a noble cause. Our country has millions of blind people whose sight can be restored through corneal transplantation. These numbers further increases annually. Unless we create more and more awareness on eye donation we will not be able to bridge the gap of demand and supply. Eradicating this blindness is a social obligation of all of us. Nethradhama supports this cause through Shraddha Eye Bank registered under Human Organs Transplantation-Health & Family welfare, Govt. of Karnataka.



Eye Donation Awareness Rally



Operation Theatre

Recently Nethradhama has upgraded its Operation Theatres to be on par with new NABH OT guidelines. Standards put forth by NABH were adopted during the renovation like laminar airflow systems with HEPA filters and independent AHU units.



Anaesthesiology



The Anaesthesiology service of Nethradhama Superspeciality Eye Hospital provides preanesthetic evaluation and anesthetic care for all types of ophthalmic surgical procedures. Patients right from infants to the elderly are given day care anaesthesia with advanced anaesthetic techniques and drugs that promote rapid recovery and appropriate postoperative pain relief.

The patients are evaluated and optimized before the day of surgery and the appropriate anesthetic management is selected. Monitored anaesthesia care (MAC) with the latest Cardiorespiratory monitors and Oxygen delivery systems has enabled the anaesthesiologist to provide a safe and secure anaesthetic experience to the patient. Most of the cases are given pre operative oral sedation and intra operative topical anaesthesia which is painless and non-invasive. Some procedures may require local anaesthesia with Intravenous sedation or General Anaesthesia.

Aespire Anaesthesia Workstation (GE - Datex Ohmeda)

The Aespire anaesthesia system is a compact integrated and intuitive anaesthesia delivery system. The 7100 ventilator provides mechanical ventilation for patients during surgery as

well as monitoring & displaying various patient parameters.

The oxygen monitor measures and displays oxygen concentration in the patient circuit. The Tec7 vaporizer is designed to use in continuous flow techniques of inhalation anaesthesia. The Meditec Datum vaporizer(Abbott) provides accurate concentration of sevoflurane in the fresh gas supply.

Anaesthesia Star 55 (L&T) with AGM

Staar 55 is an 8 channel multiparameter(colour) patient monitoring system which offers continuous monitoring for ECG, Respiration, NIBP, Temperature, Pulseoximetry & Capnography. AGM 55 (Anaesthesia Gas Monitor) is used to measure the concentration of carbon dioxide, Nitrous Oxide, Oxygen Halothane & Sevoflurane.

Staff training is done through regular classes of Cardio pulmonary resuscitation. Cardio Pulmonary Resuscitation (CPR /Code blue) drills are conducted regularly to evaluate the resuscitation preparedness of the CPR team & staff.



General & Paediatric Ophthalmology



Nethradhama provides basic eye care to the patients through general ophthalmology which includes refraction, checking Intra Ocular Pressure etc. We offer patient education through various brochures & touch screen information kiosks.



The Paediatric Ophthalmology service of Nethradhama offers diagnosis and treatment of a broad range of eye diseases and vision problems in children and adolescents.

Uveitis



Uveitis is the inflammation of the middle vascular (coloured part of the eye) layer of the eye. Depending on the part affected different types of uveitis are described. Uveitis can occur alone or as a part of systemic disease. It may be associated with collagen vascular diseases, arthritis, infections, etc.

It requires a series of laboratory investigations to identify the underlying cause. In almost 40 - 60% of cases, the cause may not be identified. The mainstay of the treatment is topical steroids combined with other treatment as necessary. Regular follow up is needed to prevent or minimize the complications.

Oculoplasty

Nethradhama Superspeciality Eye Hospital has a special discipline in ophthalmology that deals with plastic and reconstructive surgery of the periorbital and facial tissues, which includes the eyelids, orbit and lacrimal system. Surgeries are done for ptosis (drooping of the eyelid), Dacro Cysto Rhinostomy (DCR) and also where patients request for cosmetic reconstruction.



Low Vision Aids

Patients with reduced vision who are not corrected by spectacles or contact lenses are considered to be visually impaired. Some people who fall into this category can use their considerable residual vision-their remaining sight- to complete daily tasks without relying on alternative methods. In low vision clinics the functional level of a patient's vision can be maximized by optical or non optical means. Primarily, this is by use of magnification in the form of telescopic system for distance vision and optical or electronic magnification for near tasks.

Nethradhama Super Speciality Eye Hospital has new assistive technologies in low vision aids such as Computer Magnifying Software: MAGIC, Large Print Keyboard, Talking Software, Software for text reading, Software for mobile use, Talking Software (for typing), Electronic video magnifiers, Independent Use Devices: Binocular Glasses for Distance Viewing, Talking Reader, Mobile Speak Software.





Contact Lens



The Contact Lens Service provides specialised contact lens fitting for various corneal disorders and refractive conditions. In addition, the service provides diagnostic evaluation and treatment of all contact lens-related eye disorders, which include keratoconus, paediatric and adult aphakia, corneal perforations and ocular surface diseases. You could make a fashion statement with the use of Cosmetic contact lenses.

Computer Vision Clinic



Conditions associated with the excessive or incorrect computer usage are treated in the computer Vision Clinic, first of its kind in the state of Karnataka. It addresses those patients having trouble with the accommodation of the eye. Patients are counseled and trained for various exercises to reduce the strain on the eyes while working on computer.

SUPPORTIVE SERVICES

LABORATORY



Laboratory Services at Nethradhama Superspeciality Eye Hospital, is an integral component of the clinical practice. The laboratories are equipped with state of the art equipment such as Statfax 3300 Semi Auto Analyzer (Awareness technology, USA), Poch-100 i, Easylyte plus, Nyco card reader, Olympus CH 20i Binocular microscope, Centrifuge (Remi), Incubator for microbiological culture. To operate these sophisticated gadgets the laboratory has dedicated, motivated, knowledgeable and qualified doctors and technicians. Nethradhama also performs quality control through external quality assurance programme in Microbiology from Indian Association of Medical Microbiology & in Biochemistry through CMC, Vellore and in Haematology through All Indian Institute of Medical Sciences and to ensure the highest standards in the delivery of patient care.

Working hours : Mon - Sat : 7.30a.m to 6p.m, Sunday 8a.m to 1p.m

ECG

Patients undergoing surgical intervention will be required to undergo pre operative check up. The hospital provides excellent ECG facility using the best machines for precise monitoring of ECG parameters

PHARMACY



Suman Pharma is strategically located in the ground floor of Speciality Block & First Floor of OPD Block at Nethradhama Superspeciality Eye Hospital. It is well stocked with a wide spectrum of ophthalmic drugs and caters to the needs of our patients. As part of our interdisciplinary team, Nethradhama's in house pharmacists monitor and dispense, all physician-prescribed medications.

SUPPORTIVE SERVICES



OPTICALS



Selecting new spectacles can be daunting, whether you're buying your first pair or you've worn them all your life. Suman Optical has a variety of frames and lenses of reputed national and international brands where the patients are given professional and expert guidance regarding the choice of frame and lens, according to the personality and needs each spectacle is quality checked by qualified and trained optometrists prior delivery to the customer . The opticals has full fledged optical lab & most of the spectacles are delivered within 45 minutes.

Working hours : Mon - Sat : 9a.m to 9p.m, Sunday 9a.m to 1p.m

HOSPITAL INFORMATION SYSTEM



Hospital information system is one of the latest and the most dynamic feature of Nethradhama Superspeciality Eye Hospital. We have a fully computerised paperless office for electronic medical records and hospital management and it has dynamic web based application accessible to all clients doctors and staff accross all branches uniformly, patients can log in and view their medical reports online. The systems are connected by LAN and the patient information is available at the click of a button. The hospital is connected to various branches through Virtual Private Network (VPN). The communication departments are connected through intramail. Our IT department ensures that the systems work efficiently & secure patient data effectively.

Education

Nethradhama Superspeciality Eye Hospital is one of the leading quality eye care service providers in the world. It has a strong commitment towards ophthalmic education, teaching, research and fellowship programs. Experienced consultants and faculty members trained in premier institutions of India and abroad head the respective departments. They teach and train the residents on the clinical aspects and applied research methodology with the help of the state-of-the-art technology and facilities available in Nethradhama. With over a decade of practice in the field of Ophthalmology, Nethradhama has designed its teaching pattern, protocols, class discussions and seminars under the supervision of eminent medical fraternity.

Nethradhama is recognized by the National Board of Examinations for DNB Program. It is also affiliated to the Rajiv Gandhi University of Health Sciences for offering Fellowship in

General Ophthalmology, Phacoemulsification, Cornea, Refractive, Glaucoma and Vitreo Retina. We also conduct CME's and Live surgery workshops in order to share our knowledge and experiences with the ophthalmic community. We feel that direct involvement of the fellows in a research and training program will greatly enhance their scholarly development, provide a foundation for logical and critical thinking, and encourage life long habits of continuing and upgrading medical education in the concepts and practice of ophthalmology.

The Hospital has started B.Sc courses in Optometry through Nethradhama School of Optometry. The course is the First of its kind in the state of Karnataka to be affiliated to Rajiv Gandhi University of Health Sciences and recognized by Government of Karnataka.

For working professionals and International students, Nethradhama also offers short term fellowships in the respective fields. International fellowship programs are designed to provide extensive training in all aspects of General ophthalmology and Phacoemulsification. The fellow is encouraged to develop independent clinical and technical skills in an environment devoted to excellence in patient care. He/she will function with increasing autonomy as the year progresses and his/her skills expand. Clinical research is an integral part of the fellowship. The courses have a very comprehensive curriculum consisting of theoretical and practical methods of teaching and training our students. This is supported by the dedication, experience and commitment of our faculty.

Continuing Medical Education (CME)

Nethradhama Super Speciality Eye Hospital also conducts continuing Medical Education programmes very frequently in various fields of Ophthalmology. Our CME programs on Phaco & Glaucoma are very well received and are attended in huge numbers.



LIBRARY FACILITY

Nethradhama Super Speciality eye hospital has a library with well stocked text books by eminent and experienced ophthalmologists. Latest editions of text's, journals and papers are added to the exhaustive collection. Our fellows, DNB students, consultants & staffs utilize the library facilities for enhancing their knowledge and upgrading their skills. We also have Video library facility & in house recording of Audio & Video of surgeries. Nethradhama has a vast collection of surgical audio and video demonstration, thanks to its in-house recording and editing facilities done at our own studio set up. The hospital has the facilities to carry out a live surgery work shop and transmission of the same. We have a 24 hrs internet facility in the library & satellite link for receiving CME programs.

CONFERENCE FACILITY

Nethradhama has the finest, airconditioned conference facility with seating for 50 persons, which is ideal for seminars, conferences, CME, training sessions and other gatherings. We also have a satellite communication link for telemedicine facility, which is very beneficial for our DNB students. The latest upgrade is a meeting hall with a seating capacity for 200 persons which is well equipped with audio & video systems.

CAREER

Nethradhama Superspeciality Eye Hospital is accredited for complete hospital standards and tertiary eye care centre with teaching facility. As an employer, we know that our success comes from the team effort of our dedicated employees. The motivation and passion of the team members is stimulated by able leadership providing the state of the art infrastructure and continual upgradation of skills. Motivational lectures are organized to improve interpersonal skills. The staff are encouraged to participate in national and international conferences.

We strive to recruit, develop and support a qualified and dedicated staff that will enable us to achieve these objectives and preserve our proud history of care and compassion.

We recognize and encourage individual and team strengths and strive to provide a rewarding and growth-oriented environment for everyone through annual service awards.

Welcome to your Career at Nethradhama Superspeciality Eye Hospital!

Mail us at : hrd@nethradhama.org

NETHRADHAMA RESEARCH FOUNDATION

Nethradhama Research Foundation is a non profit trust actively engaged in promotion of academic & research activities of the hospital. Some of the activities are Nethradhama School of Optometry which runs the B.Sc course in Optometry, Funding academic activities like CME programmes, Ophthalmic conference's, Clinical research programs,etc.

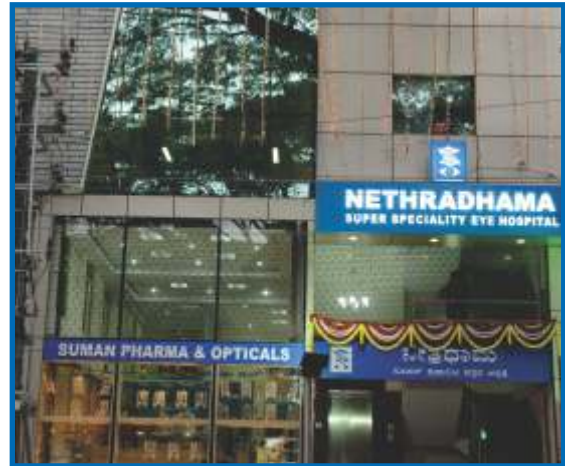
BRANCHES



NETHRADHAMA SUPER SPECIALITY EYE HOSPITAL

Indiranagar

Phone : 080-4333 2555



NETHRADHAMA SUPER SPECIALITY EYE HOSPITAL

Rajajinagar

Phone : 080-4333 4111

Nethradhama Super Speciality Eye Hospital, Rajaji Nagar and Indiranagar provides comprehensive and latest eye care treatment and surgical facilities with the most sophisticated and state-of-the-art technologies. The hospital has well known & reputed doctors to take care of patients needs. The hospital has its own community services as well.

Working Hours : 9am - 8pm Sunday Holiday



NETHRADHAMA LASIK CENTRE

Mangalore

Phone : 080-242213801/02

Working Hours : 9am - 5pm Sunday Holiday

Nethradhama has recently opened a Lasik surgical centre in Mangalore to cater to the needs of many patients in and around Mangalore. Many experienced and senior consultants and surgeons utilize the Lasik facilities offered by us. Nethradhama is the first Hospital to start a full fledged Lasik Centre in Mangalore. The centre offers refractive diagnostic and surgical treatment facilities. It also offers glaucoma diagnostic services like visual fields & Optical coherence tomography. Senior refractive surgeons & consultants of Nethradhama, Bangalore visits the centre regularly.

NETHRADHAMA LASIK CENTRE

Mysore Phone : 0821 2427070

Working Hours : 9am - 5pm Sunday Holiday

Nethradhama started a Lasik surgical centre in Mysore in association with Sushrutha Eye Hospital recognizing the growing need and desires of patients in and around Mysore. Nethradhama is the first Hospital in Mysore to start a full fledged Lasik Centre with modern and sophisticated equipments. The centre offers purely refractive diagnostic and surgical treatment facilities. Senior refractive surgeons & consultants of Nethradhama, Bangalore visit the centre regularly.

SHRADDHA EYE CARE TRUST

Shraddha Eye Care Trust®, a 90 bedded eye hospital is a charitable initiative of Nethradhama serving the economically underprivileged section of the society. It was inaugurated by Shri T. N. Chaturvedi, Former Governor of Karnataka & Padmashree Anil Kumble, Indian National Cricket team player.

Vision as a mission is the motto of Shraddha Eye Care Trust.

Our scriptures say... "उदारचरितानां लोके वासुदेवकृतुल्लेखकाल". To the generous, the whole world is one family. 'Shraddha' means dedication and it is a tradition of caring for the community as though each patient was a member of our very own family.

Shraddha Eye Care Trust conducts camps in the rural areas and schools for early identification of treatable and preventable blindness. Cataract eye screening camps are regularly conducted in various areas on Mondays and Thursdays, patients identified for surgery are transported to Shraddha Eye Care trust, operated on Tuesday and Fridays, and dropped back on Wednesdays and Saturdays.



Shraddha Eye Care Trust has a well organized out patient department, fully furnished consultation rooms and well equipped Operation Theatres. Pre operatively, all patients are assessed by doctors, Patients are provided with breakfast, lunch and dinner during their stay at Shraddha Eye Care Trust. All patients are provided with mattress for a comfortable rest in the respective male and female wards. Patients undergo free surgeries at the hospital. All patients are discharged by the doctors next day and are transported back. Post operative follow up checkups are organized by the camp organizer to ensure continuity of care.

Suman Opticals also caters to the needs of the patients of Shraddha Eye Care Trust.

Shraddha Eye Bank, a part of the Shraddha Eye Care Trust is registered under the Human Organ Transplants Act & supports by spreading awareness and promoting eye donation. Corneas are processed by well trained technicians. Shraddha Eye Bank is one of the crucial

elements in our success of the corneal transplant surgeries. It also coordinates with other eye banks. You can call Shraddha Eye Bank 24 X7 on 080 -2663 4200.

We are pleased to inform you that the Trust has FCRA Registration and also happy to inform that trust is eligible for International donations. We also humbly convey that the donations are exempted under section 80 G of the Income Tax Act.

Various recognition policies are available to those donors who wish to have their philanthropy remembered. You can sponsor a surgery or a camp or a facility depending on your convenience.



To extend your philanthropy, you can reach us at.

638/639, C.J. Venkatesh Das Road, Padmanabhanagar, Bangalore-560 070.

Ph : 080-2689 1816 / 2679 9483 E-mail : charity@nethradhama.org Website : www.nethradhama.org

Equipments and Facilities

GENERAL OPHTHALMOLOGY & CONTACT LENS

- Variant & Akas Computerized Vision Chart
- Non Contact Tonometer
- Ophthalmic Examination Units (Plantech)
- Slit Lamp Biomicroscopes (Topcon)
- Autorefractometers (Topcon)
- Indirect Ophthalmoscopes (Heine)
- Automated Lensometers
- Regular & Cosmetic contact lenses
- Computer Vision Clinic
- DRS Automatic Nonmydriatic Fundus Camera

CATARACT & IOL IMPLANTATION

- Biometry - Echorule & Axis II
- IOL Master (Zeiss) for accurate biometry
- Automated Keratometer
- Fully automated Surgical Chair
- Diamond Surgical Blades
- Signature Phacoemulsification system with ellips technology / Sovereign Phacoemulsification System
- Alcon Infiniti Phacoemulsification System with Ozil
- OPMI Lumera 700 operating microscope
- YAG Laser for Capsulotomy

REFRACTIVE SERVICES

- AMARIS 750s Excimer Laser System with 6D Tracking & Online Pachymetry
- Wavescan
- Orbscan II z
- Oculyzer (Pentacam)
- Intralase for Bladeless Lasik (Femto second Laser)
- Visx Star S4 Excimer Laser System for Customized Lasik
- Hansatome Microkeratome
- Diamond blades for incisional refractive surgery
- Ultrasound pachymeter
- Phakic IOLs
- Implanatable Contact Lenses
- Near vision - Conductive Keratoplasty
- Kera rings for Keratoconus

VITREO RETINA SERVICES

- FFA & ICG (Visucam NM/FA) Imagenet System
- Iris Diode Laser- Slit Lamp Delivery
- Laser Indirect Ophthalmoscope -G Probe & Endo Probe
- 3-Dimensional B-Scan & Sonomed B-Scan(OTI)
- Cirrus HD-OCT for macular diseases (Anterior & Posterior)
- Photo Dynamic Therapy
- OFFISS microscope & Vitrectomy system for retinal surgeries

ELECTROPHYSIOLOGY

- Multifocal ERG, VEP & EOG

GLAUCOMA SERVICES

- GDx-Pro nerve fibre analyzer & Confocal laser
- Scanning Ophthalmoscope
- Visual Field Analyser: Humphrey Zeiss 750i with Glaucoma Progression Analysis
- Applanation, i-care & Non Contact Tonometers
- Gonioscopy
- YAG-Laser for Iridotomy
- Ultrasound Biomicroscopy
- Transscleral Cyclophotocoagulation
- Selective laser Trabeculoplasty

CORNEA & SQUINT SERVICES

- Corneal grafting facility
- Eye Bank Service: Biosafety Cabinet Laminar Hood Flow
- Specular microscope
- Anterior Segment Digital Photography
- Corneal Topography
- Intralase Enabled Sutureless Keratoplasty
- C3R for Keratoconus
- Squint surgeries

OCULOPLASTY SERVICES

- Radio Frequency Surgical unit
- Mechanized orbitotomy equipment
- Endoscopy for transnasal procedures
- DCR Laser
- Correction for Ptosis

ANAESTHESIA SERVICES

- GE Datex Ohmeda Anaesthesia work station with Tec7 Halothane & Sevoflurane vaporizer.
- L & T Star 55 with AGM Monitor which is used for Anaesthesia gas monitoring system
- Padius C Inhalation Anaesthesia Apparatus with Drager Vapor 19.n halothane vaporiser
- Hewlett Packard (Philips) Multi Channel Modular colour patient monitoring system-Viridia 24
- Medиаid Multi channel M 1000 cardiac monitor
- Stellar L & T Cardiac Monitor
- Medиаid pulsoximeter Model 900
- MAC 500 GE ECG System
- BPL Defibrillator DF 2509
- Nebulizer - Medel check

CSSD

- Sterilisers: Flash Method: STATIM
- Hanshin Automated Sterilizers
- Tuttnauer Class 'B' steam Steriliser
- Tuttnauer Plasma Sterilizer (PlazMax)

LABORATORY

- Statfax 3300 Semi
- Poch-100 Haematology Analyzer
- Easylyte auto Analyzer
- Nycocard reader for Ghb



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