

# Zen Heart Care

[www.zenhospital.in](http://www.zenhospital.in)

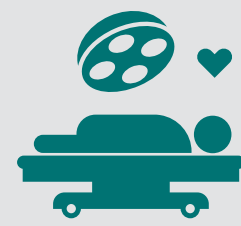
## Services

- **Non Invasive Cardiology**
  - Stress Test
  - Stress contrast Echo
  - 2 D-Echo
  - Holter Monitoring
  - Ambulatory BP monitoring
  - Dobutamine Stress Echo
  - Transesophageal Echo
- **Invasive Cardiology**
- **Heart rhythm abnormalities**
- **Cardiac surgery**
- **Preventive cardiology**

## Facility



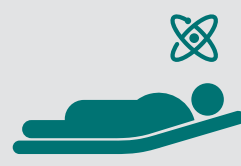
**Dedicated Siemens  
Artis Zee Cath Lab**



**Modular Cardiac  
Operation Theatre**



**HDU Dedicated High  
Dependency Unit**



**Dedicated Radial lounge**



**Heart Lung Machine**

**Dedicated Surgical ICU**

## Team



**Dr Narayan Gadkar**  
Chief Interventional  
Cardiologist



**Dr. Shantesh Kaushik**  
Cardiovascular &  
Cardiothoracic Surgeon



**Dr Rishikesh Shah**  
Cardiologist



**Dr. Ameya Udyavar**  
MD Electrophysiology



**Dr Milind Phadke**  
Paediatric Cardiologist



**Dr. Sameer Mande**  
Cardiac Anaesthetist



# Zen

## Department of Orthopaedics

### Services

- 24 hour trauma and fracture care
- Primary and revision knee & hip replacement surgery
- Bi-lateral One Stage Total Knee Replacement
- Comprehensive care for all spinal problems
  - Non-operative treatment
  - Pain injections
  - Minimally invasive spine surgery
  - Major reconstructive spinal surgery
- Complex hand reconstructive surgery
- Arthroscopy for knee and shoulder problems
- Rheumatology

### Facility

- Dedicated Orthopaedic Modular Operation Theatres
- C-Arm Image intensifier
- Patient customized instrumentation
- Stryker System 8 pneumatic drill
- LEICA operating microscope
- Casualty & Trauma care centre

### Team



**Dr. Hemant Patankar**  
Hand Surgeon



**Dr. Gautam Zaveri**  
Spine Surgeon

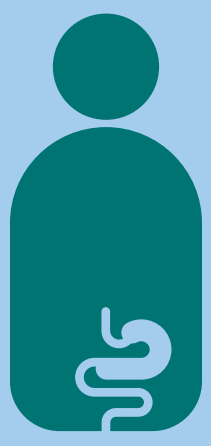


**Dr. Rakesh Nair**  
Knee Replacement Surgeon



**Dr. Himanshu Bendrey**  
Fractures & General  
Orthopaedics





# Zen Digestive Disease Centre

## Services

- Advanced Laparoscopic Surgery
- ERCP & Therapeutic Endoscopy
- Endoscopic ultrasound (EUS)
- HPB Surgery
- Cancer Surgery
- Percutaneous trans-hepatic biliary stenting / GI Angiography
- Narrow band imaging
- Argon Plasma Coagulation

## Dedicated GI Motility Lab

- 24 hour pH studies
- Esophageal & Rectal Manometry
- Biofeedback treatment

## Facility

- Dedicated Modular Operation Theatre
- Chromoendoscopy
- Harmonic / Ligasure / Enseal Thunder beat system
- Olympus 3D system (only system in Mumbai)

## Team



**Dr. Roy V. Patankar**  
G.I. & Minimal Access Surgery



**Dr. S. K. Mathur**  
GI & HPB Surgery



**Dr. Madhuri Gore**  
General Surgery



**Dr. Nilesh Doctor**  
HPB Surgery



**Dr. Amol Bapaye**  
Interventional EVS & Pancreatic Endoscopy



**Dr. Abhay Upasani**  
Manometry & GI physiology



**Dr. Tanveer Majid**  
Onco-surgeon



**Dr. Mukta Bapat**  
Therapeutic Endoscopy



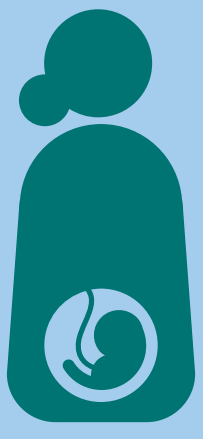
**Dr. Meghraj Ingle**  
Therapeutic Endoscopy



**Dr. Sachin Wani**  
GI & HPB Surgery



**Dr. Sandeep Davavala**  
Therapeutic Endoscopy



# Zen Obstetrics Centre

[www.zenhospital.in](http://www.zenhospital.in)

## Services

**24/7 maternity services with well-appointed Labour Room & OT**

- **Specialist Obstetrician services & consulting clinics**
- **High risk Pregnancy Centre**
  - Multiple Pregnancy,
  - Premature / low birth weight babies
  - Pregnancy with medical disorders -
  - Diabetes. Hypertension, Endocrine disorder
  - IVF Pregnancy
- **Recurrent miscarriage management**
- **Prenatal assessment**
- **Pregnancy care program**
- **Vaginal Delivery**
- **Painless Labour**
- **Caesarean section (LSCS)**
- **Management of Obstetric Complications**

## Facility

- **Labour Room**
- **Normal Delivery**
- **Modular OT for LSCS**
- **NICU**

## Team



**Dr. Devrajan**  
Gynecologist / Obstretician



**Dr. Rohini Patankar**  
Gynecologist / Obstretician



**Dr. Prasad Mahadevan**  
Gynecologist / Obstretician



**Dr. Lata Dandekar**  
Gynecologist / Obstretician



**Dr. Gouri Gore**  
Gynecologist / Obstretician



**Dr. Dimple Chudgar**  
Gynecologist / Obstretician



**Dr. Bharathy Rajesh**  
Gynecologist / Obstretician





# Zen

## Super speciality ENT Centre

### Services - OPD

- Routine ENT Consultation
- Endoscopic Assessment of Ear problems
- Endoscopic assessment of Nose & Sinus problems
- Video Laryngoscopy evaluation of Voice Problems
- Assessment of Neck swelling
- Screening & evaluation of Head, Neck & Mouth cancer
- Audiology Services
- Hearing Aid trial & fitting
- Voice assessment & analysis
- Speech Therapy

### Services - IPD

- Routine ENT Surgeries
- Microscopic Ear Surgery
- Endoscopic Nasal & Skull base surgery
- Head & neck cancer surgery
- Endoscopic voice surgery
- Thyroid & parotid gland Surgery
- Airway reconstruction surgery

### Team



**Dr. Dyanesh Narurkar**  
MS. (ENT) DORL



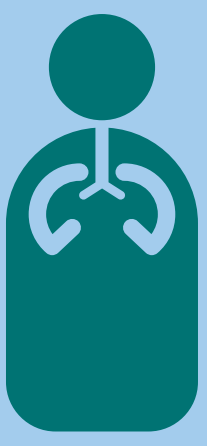
**Dr. Renuka Bradoo**  
MS. (ENT) DORL



**Dr. Shalaka Dighe**  
MS, DNB (ENT), DORL



**Dr. Kshitij Shah**  
MS, DNB (ENT), DORL



# Zen

[www.zenhospital.in](http://www.zenhospital.in)

## Department of Respiratory Medicine and Interventional Pulmonology

### Services

- Speciality Consultation
- Sleep Disorder evaluation
- Pulmonary Rehabilitation
- Interstitial lung Disease evaluation
- Bronchoscopy Services
- Lung Function tests
- Six Minute Walk Test
- Speciality Clinics
  - Interstitial Lung disease clinic
  - Smoking cessation clinic

### Facility

- Advanced Pulmonary Function Test Lab
- Video Bronchoscopy
- Polysomnography (Sleep Study)



**Dr. Arvind H. Kate**

MD [Chest Medicine] FCCP [USA]

Associate Member, RCP [London]

Consultant Chest Physician  
and Bronchoscopist

# Zen Critical Care



**Dedicated 13 bed Medical ICU**



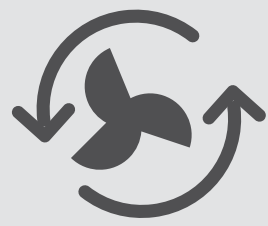
**Dedicated 4 bed Surgical ICU**



**Dedicated 4 bed HDU**



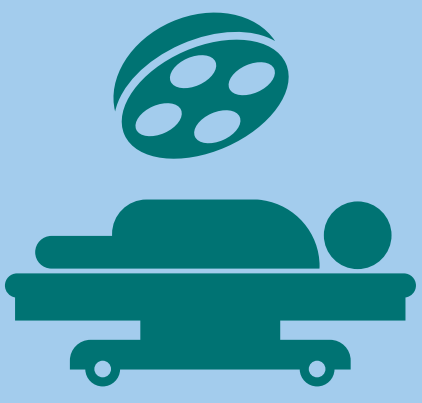
**Dedicated 7 bed neonatal NICU**



**Advance Clean air technology**

## Technology & equipment

- **Full Time Intensivist**
- **Hi-tech versatile Ventilators**
- **Cardiac Monitors**
- **Central monitor**
- **IABP (Intra-Aortic Balloon pump)**
- **Isolation Bed**
- **Bed side dialysis machine**
- **1:1 Nurse ratio**
- **Robust Infection Control Protocol**



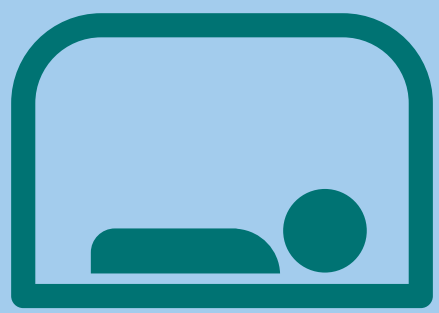
# Zen Operation Theatre Complex

- Hermetically Sealed Door
- Stainless Steel Antibacterial Wall Panels
- Antibacterial & antistatic vinyl flooring
- AHU: Advanced Air Handling Unit with Plasma Cloud
- Plenum Unit (Laminar Air Flow)
- HEPA Filters
- Surgeon Control Panel Display
- Surgical & Anaesthesia Ceiling Pendants
- LED Operating lights - Dr. Mach Germany
- Operating Table - Trident Taiwan
- Olympus Touch screen operated panel (First in India)
- 3D Laparoscopic Operating camera

## Equipment & Technology

- 30 watts Laser Machine
- Olympus 3D processor & mixer
- High-end C-Arm
- Dedicated Fibre-Optic live relay to auditorium
- OT recording system
- Advanced Multipara monitors
- Medical gas system
- Harmonic / Ligasure / Enseal  
Thunder beat system





# Zen Neonatal ICU

[www.zenhospital.in](http://www.zenhospital.in)

## Services

- One Stop Solution to all healthcare needs of babies
- Level III Neonatal ICU
- Management of premature /low birth weight babies
- 24x7 well qualified paediatric team
- Comprehensive OPD services
- Breathing and other respiratory disorders
- Congenital malformations
- Gastrointestinal disorders
- Heart diseases
- Hematologic disorders
- Infections
- Inherited metabolic disorders
- Medical Genetics
- Neurologic problems
- Pulmonology

## Facility & Technology

- Dedicated 7 bed NICU
- Warmers/Phototherapy
- Ventilators
- Multipara monitors
- CPAP
- Syringe Pump
- B. E. R. A.

## Team



**Dr. Kavita Gohil**  
MD Pediatrics, DNB



**Dr. Atish Laddad**  
MD Pediatrics



**Dr. Rohit Narvekar**  
MD Pediatrics



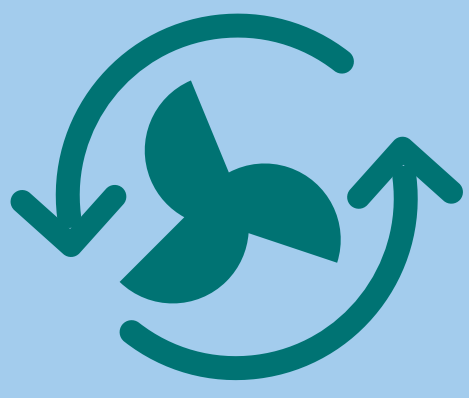
# Pneumatic Tube System

***Automated transportation solutions for Speed & Reliability.***

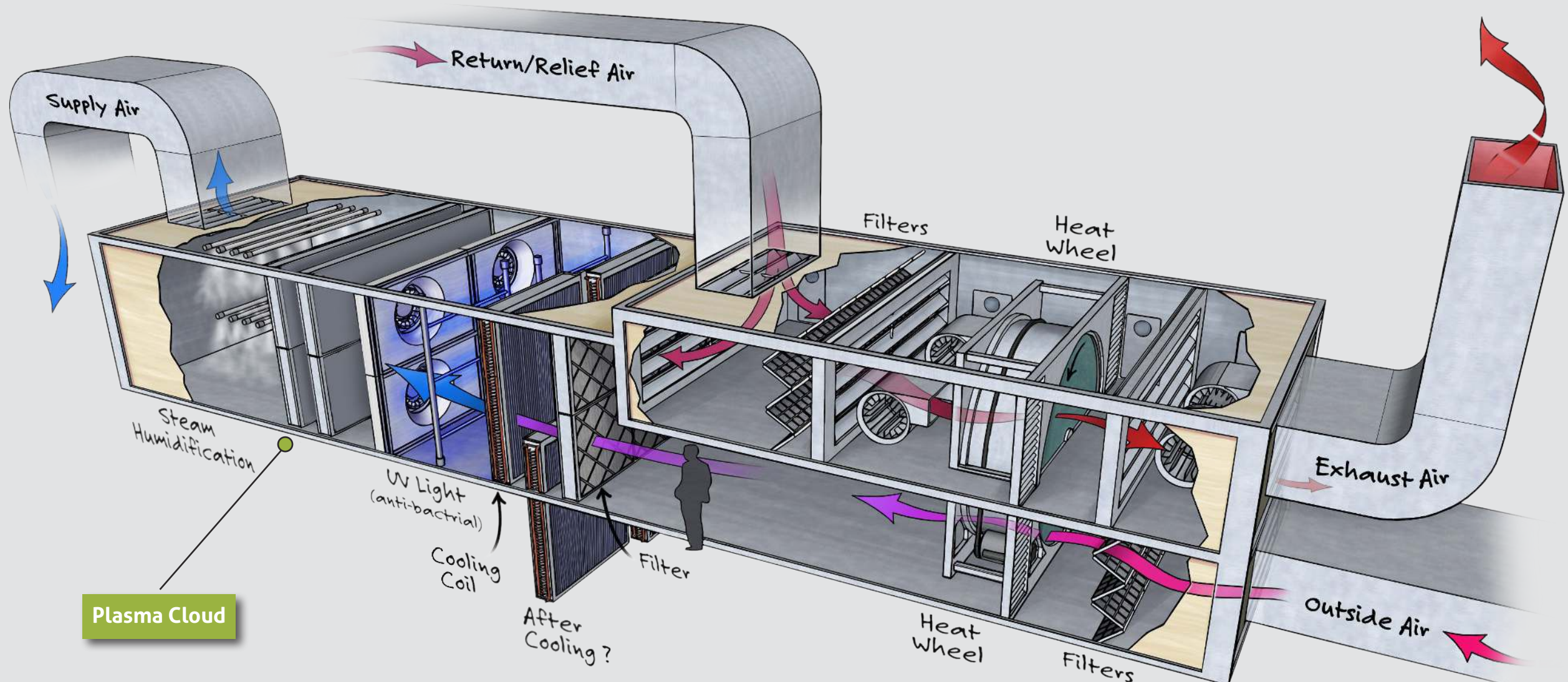
*The Pneumatic tube system propels cylindrical containers through network of tubes by compressed (Pressure) air or by partial vacuum (Suction) in the entire Hospital facility.*

- Propels Cylindrical Containers
- Cylindrical container diameter: 30cm
- Produces speed of 6 to 8 mtr. per second
- Creates a pressure of 180 bars & Air Volume is 8cum/min
- Carrying capacity from 0.1 gm to 28kgs





# AHU for OT & ICU



- **Air exchanges In Operation Theatre**  
Fresh Air Positive Pressure Unit = 60 Air Changes /hr
- **Air exchanges In ICU**  
30 Air changes /Hr
- **Total Air Changes Velocity**  
0.45 M/Sec
- **All adjacent rooms are on Negative Pressure**
- **Temperature**  
20 +/- 3° Inside Operation Theatre
- **Have Variable Frequency Drive**
- **Humidity Range**  
Between 30% to 60%
- **Hepafilter**  
0.3 microns in Operation Theatre
- **Magnetic Differential Pressure Guage**  
Provides Hepa Filter Working Status

## 8 Stage Air filtering System

- |                    |                                 |
|--------------------|---------------------------------|
| 1 Air Filter       | 6 Plasma Cloud                  |
| 2 Heat Wheel       | 7 Steam humidification          |
| 3 Filter           | 8 Plenum with 0.3 Micron Filter |
| 4 Cooling Coil     | 9 Raiser with 6watts UV Light   |
| 5 15watts UV Light |                                 |





# Department of Radiology and Imaging

## Delta Imaging Centre

### Complete Imaging Solutions

- **Latest 1.5 Tesla creator MRI (GE) with State-of-the-art applications**
  - Advanced neuroimaging with DTI, spectroscopy and perfusion
  - Body imaging with multiphasic liver study and diffusion MRI
  - Non-contrast whole body angiography
  - Robust musculoskeletal and spine imaging
- **32 Slice multidetector CT (GE) with**
  - Short scan times
  - Neuro-DSA software
  - Low radiation dose
  - Fast post-processing
- **Comprehensive Ultrasound and Doppler imaging (Philips) with whole body elastography and liver ARFI scan**
- **Digital radiography with procedures**
- **Mammography**
- **Dexa**
- **Diagnostic and therapeutic interventions**

## Team



**Dr. Vimal Someshwar**  
Interventional Radiologist



**Dr. Ritesh Kamat**  
Radiologist



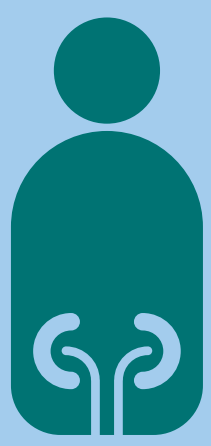
**Dr. Vipul Chemburkar**  
Radiologist



**Dr. Ravi Thapar**  
Radiologist



**Dr. Radhika Thapar**  
Radiologist



# Zen

## Department of Urology

### Services

- Laparoscopic Urology - (Key Hole Surgery)
- Uro Oncology - Surgery for prostate, renal and bladder cancers
- Nephron Sparing Surgery - Lap Partial Nephrectomy
- Laparoscopic Radical Prostatectomy
- Stone Surgery - PCNL/URS/RIRS/ESWL
- Female Urology
- Pediatric Urology
- Reconstructive Urology

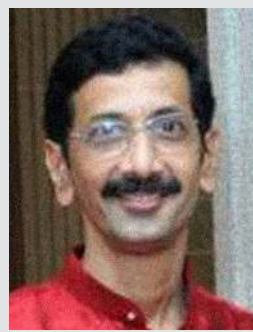
### Facility

- TURIS Plasma Vaporisation, Bipolar Resection and Enucleation For Prostate and Bladder Tumors
- Holmium Laser - For Stones - Laser Lithotripsy
- RIRS - Retrograde Intra Renal Surgery
- Flexible UreteroPyeloscopy
- Mini Perc – Percutaneous Nephrolithotripsy - Tubeless
- Small 4.5 Fr Ureterorenoscope - Semirigid Ureteroscopy with Laser Tie Up with Star Lithotripsy Clinic
- ESWL - Extracorporeal Shock Wave Lithotripsy
- Urodynamic Lab- For Urinary Incontinence and Bladder dysfunction

### Team



**Dr. Anil Bradoo**  
Urologist



**Dr. Santosh Palkar**  
Urologist



**Dr. Amit Patel**  
Urologist



# Zen

## Department of Ophthalmology

### Services

- Advanced Micro Phaco cataract surgery
- Diabetic full spectrum diagnostics, laser & therapy
- Vitrectomy Micro incision 23G for Diabetes, retinal disease
- Squint surgery Minimally invasive
- Oculoplastic surgery
- Glaucoma complete diagnostics, laser & surgery

### Facility

- Alcon Centurion Phaco, with OZIL & FMS
- Moller Hi R Microscope with EIBOS Retinal viewing system
- Green laser,
- YAG Laser
- FFA
- Topcon Maestro 3D OCT



**Dr. Donald Lobo**

MS, DOMS,  
Fellow Vitreoretinal Surgery





# Zen

## Department of Neurology

### Services

- **Neurology**
  - Management of Headache & Migraines
  - Neuromuscular Disorders
  - Demyelation
  - Dedicated Stroke management unit
  - Epilepsy
  - Parkinson's Disease
  - Alzheimer's
  - Movement disorders
- **Neuro Surgery**
  - Skull base Surgeries
  - Aneurysm
  - Head Injuries
  - Spinal & Spinal cord Surgeries
  - Hydrocephalus
  - Epilepsy Surgery
  - Craniofacial surgeries

### Facility

- EEG - Electroencephalogram
- EMG – Electromyography
- NCV – Nerve conduction velocity
- Dedicated Modern Modular Operation Theatre.
- In-house 1.5 tesla MRI & 32 slice CT Scan
- 20 bed high end ICU with Clean air technology
- Dedicated full time Intensivist.
- LEICA Operating Microscope

### Team



**Dr. Ramesh Patankar**  
Neurologist



**Dr. Batuk Diyora**  
Neurologist



**Dr. Ashok Hande**  
Neurologist



**Dr. Shekar Patil**  
Neurologist



# Zen

## Department of Anaesthesiology

### Services

- 24 hours anaesthesia and Critical Care
- Labour Analgesia
- Post-operative analgesia
- Pain Management (Acute & Chronic)

### Facility

- Anaesthesia Pendants
- GE anaesthesia work station with ventilator
- Advanced monitors with ETCO<sub>2</sub> and medical gas monitoring
- Central medical gas system

### Team



**Dr. Pramod Kale**  
Chief Anaesthetist



**Dr. Vikas Nair**  
MD, DA Anaesthesia



**Dr. Pavitra Iyer**  
DA, Anaesthesia

# Zen

## Department of Bariatric & Metabolic Surgery

[www.zenhospital.in](http://www.zenhospital.in)

### Services

- Laproscopic Sleeve Gastrectomy
- Gastric Bypass
- Mini Gastric Bypass
- Gastric Band
- Ileal Interposition Surgery

### Facility

- Mini Lap Surgery
- Adolescent Bariatric Surgery
- Metabolic Surgery
- Revisional Surgeries
- Mumbai's only 3D Bariatric Surgery Center

### Team



#### Dr. Ramen Goel

MS, FICS, FIAGES, FALS

First Surgeon of Excellence in Bariatric & Metabolic Surgery in Asia - By Surgical Review Corporation , USA.





# APEX KIDNEY CARE

## Comprehensive Kidney Care solutions

### World standards - single use Dialysis tubing

1. Zero risk of cross infection
2. Highest efficiency of toxin clearance
3. Eliminates chemical exposure to blood

### Services

- Hemodialysis, Hemofiltration, Ultrafiltration protocols
- Nocturnal Dialysis
- Plasmapheresis
- Slow continuous dialysis protocols for intensive care
- Cytokine immunoadsorption
- Peritoneal Dialysis: Catheter implants, training & management

### Facility

- **Hemodialysis Machines**
  - Computer connectivity for online clinical data management.
  - Precise volumetric control to ensure patient safety.
  - Automatic blood pressure monitoring systems.
  - Online clearance monitoring systems to monitor dialysis efficiency.
  - Citrothermal disinfection.
  - Online endotoxin dialysate filter to ensure ultrapure dialysate.
- **Water Treatment system**
  - Efficient pretreatment devices include Multimedia filter, Activated carbon filter and Softener.
  - Standard specification in compliance with American Association for Medical instrumentation (AAMI) standards.
  - RO systems with Dow membranes equipped with fouling resistance to improve performance.
  - Completely automated RO operations.
  - Stainless steel body.
  - Water distribution loop made up of PEX piping
  - Post RO UV and Micron filtration to ensure microbial purity of water.
  - Ozonation for loop line disinfection
- **Monitoring**
  - Online recording and monitoring of all clinical and dialysis data
- **Dialysis professionals**
  - Qualified, experienced and dedicated



# Zen

## Department of Speech & Hearing



Speech-Hearing Healthcare

### Services

- Comprehensive hearing & Speech evaluation, treatment and rehabilitation services.
- Multidisciplinary approach of ENT specialist & professionally qualified audiologist and Speech therapist.
- Our mission to provide excellence in speech and hearing healthcare from infancy to adulthood.
- Advanced Computerised Hearing tests.
- Medical treatment of conductive hearing loss.
- Surgical treatment of hearing loss.
- Hearing aids of all leading brands.
- Hearing aids to suit all budgets & lifestyles with easy EMI options.

### Facility

- Video Otoscopic ear examination
- Adult & Paediatric Audiometry
- Impedance Audiometry.
- Newborn Hearing screening
- BERA/ASSR- to obtain the status of auditory system of the child.
- Digital Hearing Aid Trial & Fitting
- Tinnitus/ Vertigo management
- Musicians & Swimmers custom Earplugs
- Speech Therapy
- New born Hearing Screening
- Cochlear Implant Program

## Department of Medical Oncology

### Services

- Chemotherapy & Biological therapy for Adult & Paediatric patients
- Hormone Therapy
- Precession Oncology & care
- Bone marrow aspiration & biopsy
- Intrathecal chemotherapy
- Modern chemotherapy delivery system
- PICC & Hickmen Catheter insertion & care
- Chemotherapy port insertion & care
- Barrier nursing
- Cancer Genetic Clinic
- Facilities for isolation of patients with reserve barrier nursing

### Facility

- Special Day Care Chemotherapy Centre
- Central Chemotherapy preparation area (Laminar Air flow hood)
- Specially designed modular operation theatre
- High end Intensive care unit
- Cancer Genetic Counsellor

### Team



**Dr. R. Gopal**  
Medical Oncologist

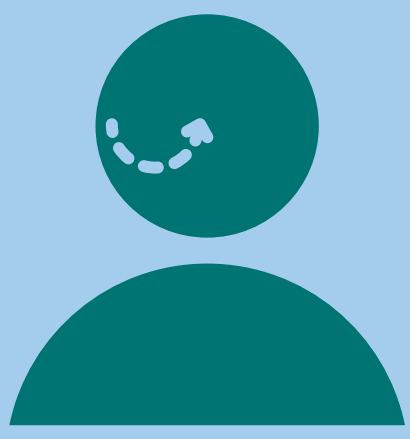


**Dr. Adwaita Gore**  
Medical Oncologist



**Dr. Nilesh Lokeshwar**  
Medical Oncologist





# Zen

## Department of Plastic & Cosmetic Surgery

[www.zenhospital.in](http://www.zenhospital.in)

### Services

- Replantation Surgery
- Skin Cover
- Wound management
- Cancer reconstructive surgeries
- Cosmetic Surgery
- Abdominoplasty (Tummy Tuck)
- Face Lifts
- Breast Augmentation
- Reduction Gynecomastia
- Rhinoplasty (Nose Job)
- Hair transplantation

### Facility

- Ultra-Modern Modular Operation Theatre with clean air technology
- Dedicated isolation room
- Advanced ICU with clean air technology
- Full time Post Graduate Surgeon & Intensivist
- LEICA operating Microscope
- Microsurgery

### Team



**Dr. Sitaram Prasad**  
Plastic Surgeon



**Dr. Vinod Vij**  
Plastic Surgeon



# Zen

## Department of Diagnostics



PRECISE TESTING • HEALTHIER LIVING

Established in 1994 • CAP and NABL accredited

### Our Strengths

- World class fully automated equipments
- Most recent advanced technology
- Well trained and skilled lab technologists
- Highly qualified, experienced, dedicated medical specialists

### Our Policy

- Uniform and crisp QUALITY CONTROL SYSTEM formulated as per ISO 15189 and NABL 112 standards, assuring quality at every step of the lab processing.

### Our commitment

- To provide excellent diagnostic services to all our customers with the hallmarks of
  - a. Accuracy
  - b. Timeliness
  - c. Information
  - d. Perfection

### Facilities

We can also give info of the customer friendly facilities that we are providing

- Home visits
- Home delivery of reports
- Reports on Email and Website
- Customer care toll free number for any queries, booking visits
- Access to the pathologists for test related queries