



# Manipal Woman & Child Care Centre

ManipalHospitals

LIFE'S ON 

Manipal Woman & Child Care Centre is a comprehensive multi-specialty department that offers the most advanced medical facilities for women, pregnant mothers and child healthcare. The services available here at Manipal Woman & Child Care Centre are at par with international standards of excellence, catering to gynaecological and obstetric problems as well as detection and prevention of the same.

### Facilities available

- World class Neonatal Intensive Care Unit (NICU) facilities and neonatal care
- Pre-conception counselling and medical genetic facilities
- Fertility and assisted fertility
- Medical expertise at par with international standards
- Specialised diagnostic services available such as Anomaly Scan
- In-house Fetal Medicine and OBGYN scan offering (diagnostic, therapeutic and genetic counseling services)
- Team of experienced doctors
- Direct admission and discharge from 6th, 8th and 11th floors
- Patient-friendly ambience

### Department of Obstetrics & Gynaecology

In recent years, the health of a woman has evolved from just pregnancy related care to become all-encompassing in the kind of issues faced by a woman right from adolescence to old age. Other than the physiological differences, a woman's body goes through many

changes due to puberty, pregnancy and menopause. This gives rise to many distinctive health issues which have to be dealt with from the right perspective.

The Department of Obstetrics and Gynaecology at Manipal Hospitals addresses the healthcare needs of women from their puberty and adolescence, through their pregnancy to menopause and beyond like menstruation, contraception, reproductive disorders, hormonal and thyroid issues. Being the best super specialty hospital in Bangalore, Manipal Hospitals is equipped with the most modern facilities and the best specialists to take care of all emergency situations. Apart from efficient management of routine Gynaecological services, the department has established various sub specialities namely Fetal Medicine, Gynaecology Endoscopic Surgery and Gynaecology Oncology services, under the same roof, thus providing all round comprehensive care for related issues such as infertility, neonatal care, depression, osteoporosis, breast cancer etc. Well monitored state-of-the-art labour wards with birthing suites, 24 hour Epidural and Anaesthetic services on par with western standards are available in the department.

### Maternity

The maternity ward is well equipped and offers a luxurious ambience for you and your newborn. The obstetrics department has well qualified and experienced consultants. Maternity ward provides round the clock nursing care and duty doctors to take care of your every need. We also provide specialised nursing attention and neonatology doctors to monitor both you and your newborn. A choice of rooms is provided in the maternity wards. It has a total of 12 beds, a birthing suite and 2 state-of-the-art labour rooms. One of the crucial parts is the immediate attention provided by the duty doctors as soon you arrive at the maternity ward.

### OBG Doctors Profile

Doctors		Qualification
Dr. Gayathri Karthik	HOD & Consultant OBG	MBBS, MD, Dip in Gynaecology Endoscopy, Trained in Robotic Surgery
Dr. Shobha Rani	Consultant OBG	MBBS, MD, DGO
Dr. Manjula Shivshankar	Consultant OBG	MBBS, MD, DGO, Trained in Robotic Surgery
Dr. Hemanandini Jayaraman	Consultant OBG	MBBS, MD, DNB, FCPS, DGO, Trained in Robotic Surgery
Dr. Meena Muthiah	Consultant OBG	MBBS, DNB
Dr. Amrita Rao	Consultant OBG	MBBS, DNB
Dr. T P Rekha	Consultant OBG	MBBS, MD
Dr. Philomena Vaz	Consultant OBG	MBBS, DGO, MD, FAMS (Vienna)
Dr. Vidya Desai Mohan	Consultant OBG	MBBS, MD, DGO, MAMA (Vienna)
Dr. Rita Mhaskar	Consultant OBG	MBBS, MD, DNB, MRCOG, FRS

### Ante Natal Period

Pregnancy is the most exciting phase in a woman's life. Manipal Hospitals promises to be with her from the beginning of this wonderful journey till she welcomes the little one. The hospital will spare no effort to make her experience a pleasant one. With a team of highly qualified doctors, nurses and staff, the best services are ensured through the extensive package, so that both the mother and the baby are protected.

Services offered under Obstetrics	Services offered under Gynaecology
Day Care Procedures	Cancer Screening - Pap Smear, HPV Test
Delivery: Normal, Caesarean, Assisted Breach Delivery, Vacuum & Forceps	Cryosurgery
Family Planning Advice & Services	Day Care Procedures
General Obstetrics Care	Gynaecology Emergency
Genetic Counselling	Gynaecology Endocrinology
High Risk Pregnancy Care	Hysteroscopy, Laparoscopy, Colposcopy Procedures
Medical Termination Of Pregnancy	Infertility Counselling
NST: Ante Natal/ Fetal monitoring test for Fetal well being	Menopause, Peri-Menopausal & Post-Menopausal Counselling
Obstetrics Emergency	Menstrual Disorder
Post Natal Care & Counselling	Puberty Disorder
Post Partum Sterilisation	Treatment for Gynaecological Diseases
Pre Conception Counselling	Hysteroscopy, Laparoscopy, Colposcopy Procedures

### Department of Paediatrics:

The Department of Paediatrics is specialised to cater to medical needs of all children and is dedicated to the highest quality patient care and excellence in child healthcare. The department advocates the health of children through innovative medical care, training and academics; it comprises of acclaimed consultants with a good academic background and in-depth understanding of the specific needs of children. It provides state-of-

### High Risk Pregnancy

The medical team at Manipal Hospitals is well equipped to handle high risk pregnancies. High risk cases may be caused due to hypertension, gestational diabetes mellitus, Hepatitis B and HIV, maternal age above 35 years, multiple pregnancies, and pregnancy with Down Syndrome, pre-term labour, post-dated pregnancy and suffering from previous C-section surgeries.

the-art primary and specialty care for children. It offers excellent world class care and services for all children and translates emerging technologies into new clinical therapies.

From specialised care for sick and premature babies to routine checkups, our Paediatricians have the expertise and experience to help parents give their children the right start to a healthy life.

General Paediatric Services	Paediatric Endocrinology
General Paediatrics	Paediatric Haemato-oncology
Immunization Services	Paediatric Neurology
Lactation Clinic	Paediatric Nephrology
Child life Services (Play therapy)	Paediatric Orthopaedics
Intensive Care Services	Paediatric Pulmonology
Paediatric Emergency Services	Paediatric Rheumatology
Neonatal Intensive Care	Paediatric Surgery
Paediatric Intensive Care	NICU follow up clinic
Paediatric Specialty Services	Developmental Paediatrics
Neonatology	Infant Stimulation Program
Paediatric Cardiology	Kawasaki Disease Clinic
Paediatric Dermatology	Thalassemia Clinic

## Neonatal Intensive Care Unit

The Neonatal Intensive Care Unit (NICU) is one of the largest in India, providing specialised care for newborn babies who are ill and require intensive monitoring; as well as strict monitoring for babies who are stabilised and no longer require intensive care. It caters to high risk neonates, extremely low birth weight babies and all kinds of neonatal surgical problems and provides 1:1 nursing

for all sick neonates. Since the systems and procedures at the NICU are different from the regular ward, the NICU team of doctors, nurses and other staff are specially trained to care for newborns. Doctors with intensive care skills are available at the unit round the clock, in addition to trained nurses, Neonatologists, Neonatal Fellow, Neonatal Nurse Manager, Neonatal Staff Nurse, Registrar, Paediatric Surgeon, Respiratory Therapist and Neonatal Retina Specialists.

## Paediatrics Doctors' profile

Doctors		Qualification
Dr. Shaila Bhattacharyya	HOD & Consultant - Paediatric Endocrinology & Consultant – General Paediatrics	MD (Paediatrics), DM(Endo - PGI), DCH (UK), MRCP (UK)
Dr. Karthik Nagesh	HOD - Neonatology, In charge NICU & Consultant – General Paediatrics	MD, FRCPCH (U.K.) Neonatal Intensive Care Fellowship (U.K.)
Dr. Jagdish Chinnappa	Consultant – General Paediatrics	MD (Paediatrics)
Dr. Thomas Joseph	Consultant - Neonatology & Consultant – General Paediatrics	MD, DCH (DUBLIN)
Dr. Anjana B Choudhury	Consultant – General Paediatrics	MD (Paediatrics)
Dr. Bhaskar Shenoy	Consultant – General Paediatrics	MD (Paediatrics)
Dr. Nilima Rao	Consultant – General Paediatrics	M.D, DCH, PGDAP
Dr. S. D. Subba Rao	Consultant Paediatric Thalassemia & Pulmonology & Consultant – General Paediatrics	MBBS, DNB (PED), DCH, C. NUTR (NIN)
Dr. H. A. Venkatesh	Consultant - Neonatology & Consultant – General Paediatrics	MBBS, DNB (Paediatrics) Fellowship in Neonatology Intensive Care (Australia)
Dr. Anand P. Rao	Consultant - Paediatric Rheumatology & Consultant – General Paediatrics	MD (Paediatrics), DNB (Paediatrics)
Dr. Praveen K Venkatagiri	Consultant - Neonatologist & Consultant – General Paediatrics	MD (Paediatrics), MRCPCH, CCT (UK) FRCPCH,
Dr. S. Indu Nair	Consultant – Neonatology & Consultant – General Paediatrics	DCH, DNB (Paediatrics), Fellowship in Neonatal intensive care
Dr. Ravi Hiremagalore	Consultant - Paediatric Dermatology	MBBS, MD, Fellowship Paediatric Dermatology (Chicago), (RGUHS), Research Fellowship (University of Michigan)
Dr. Chitra Sankar	Consultant – Developmental Paediatrician & Consultant – General Paediatrics	DCH (London), MRCP (Paediatrics), (London)
Dr. Bidisha Banerjee	Consultant - Paediatric Neurology & Consultant – General Paediatrics	MBBS, MD (Paediatrics), PGIMER, DM (Paediatric Neurology, AIIMS)
Dr. Ravneet Joshi	Consultant – Lactation	MD (Paediatrics)
Dr. Prashanth Inna	Consultant - Paediatric Orthopaedics & Consultant – General Paediatrics	MS, DNB (Orthopaedics) Fellowship in Paediatric Orthopaedics
Dr. Ilin Kinimi	Consultant - Paediatric Pulmonology & Consultant – General Paediatrics	MD, Fellowship in Paediatric Pulmonology & Sleep Medicine

## Paediatric Surgery

Doctors		Qualification
Dr. Radhakrishnan C N	HOD & Consultant - Paediatric Surgery & Paediatric Urology	M S, DNB, FRCS (Ed) FRCS (Paediatric Surgery)
Dr. Ramachandra C	Consultant - Paediatric Surgery & Paediatric Urology	M S, MCh, Certified Fellow in Paediatric Surgery (USA)

## Paediatric Emergency

Doctors		Qualification
Dr. Meera Ramakrishnan	Intensivist & HOD - Paediatric Emergency & PICU	AB (Paediatrics), AB (PICS)
Dr. Gnanam	Intensivist - Paediatric Emergency & PICU	MD, DNB (Paediatrics) ISCCM Fellowship in Paediatric critical care
Dr. Shivakumar Shamarao	Intensivist - Paediatric Emergency and Paediatric ICU	DCH, DNB (Paediatrics), Fellowship in Paediatric Critical Care



## Other Facilities offered by Manipal Hospital:

- Fetal Medicine and Obstetric & Gynaecological Ultrasound
- Manipal Andrology & Reproductive Services (MARS)

## Laboratory Services

The diagnostic laboratory services at Manipal Hospital, HAL Airport Road, fulfils a longstanding need for a well equipped laboratory capable of providing a complete range of investigations in the areas of Haematology, Clinical, Pathology, Biochemistry, Histopathology, Cytopathology and Microbiology and Immunology. The laboratory is the first hospital based laboratory in India to get the prestigious accreditation by the National Accreditation Board for Testing and Calibration Laboratories (NABL). The hospital's laboratory is aligned to ISO: 15189:2007. The department functions 24 hours a day, with emphasis on accuracy, precision, reproducibility and prompt reporting. The department works in tandem with the clinical departments, thus providing quick and accurate results. This helps in speeding up the diagnostic process and initiating treatments and in the process, save precious time for the patients. The diagnostic facility is also available to your doorstep. All you need to do is call us and let us know when you are ready for the tests.

## Blood Tests to be done during pregnancy are:

- Blood Grouping & Rh Typing
- HIV (Human Immunodeficiency Virus) ELISA
- RBS (Random Blood Sugar)
- HBsAg (Hepatitis B surface Antigen)
- CBC (Complete Blood Count)
- VDRL (Venereal Disease Research Laboratory Test)
- TSH (Thyroid stimulating Hormone) and Free T4 (Thyroxin)

## Fetal Medicine Doctors' profile

Doctors		Qualification
Dr. Priti Venkatesh	HOD & Consultant – Fetal Medicine	MD, DGO
Dr. Mala Sibal	Consultant – Fetal Medicine	DGO, DNB
Dr. Akhila Dilip	Consultant – Fetal Medicine	MBBS, RDMS (USA)
Dr. Prathima Radhakrishnan	Consultant – Fetal Medicine	MRCOG (UK), Dip in Advanced Ultrasound (RCOG UK), Dip in Fetal Medicine (FMF UK)
Dr. Thankam S	Consultant – Fetal Medicine	MD, DGO, DNB, MRCOG (UK)
Dr. Supriya Seshadri	Consultant – Fetal Medicine	MD
Dr. Krishna C	Consultant – Fetal Medicine	MD (Radio Diagnosis)

8. OGTT (Oral Glucose Tolerance Test)

9. 1st Trimester Bio Chemical Screening

10. Urine Routine

## Pregnancy & Childbirth Classes - By Mrs Haripriya

During pregnancy, it is important for the expectant new parents to educate and empower themselves about the various aspects of childbirth through Antenatal classes. Antenatal classes or childbirth education may come in various forms. The classes at Manipal Hospital's, Department of Physical Medicine & Rehabilitation aim for a comfortable pregnancy, easy labour and safe delivery. It has been designed to cater to the requirements of each trimester. It helps in increasing a person's stamina, strength and confidence, and thus helps have an easy labour, and a more comfortable pregnancy. The sessions are conducted by a highly qualified and trained Lamaze trainer, answers questions that are related to pregnancy, childbirth and breast feeding basics. These classes are a great place to meet other parents-to-be.

## Fetal Medicine and OBGYN Ultrasound

At the Department of Fetal Medicine, both obstetrics (in pregnant women) and gynaecological (in non-pregnant women) scans are routinely performed in accordance to international standards. Sensitive evidence based counselling is done for cases scanned in the department, or as a standalone service. Diagnostic procedures like Chorionic Villous Sampling (CVS), Amniocentesis and Fetal Blood Sampling are performed with a very low rate of complications. Therapeutic interventions such as Fetal blood transfusions for severely anaemic fetuses are also performed. The hospital performs one of the largest numbers of Fetal procedures in the region and probably in the country.

## Scans to be done during Pregnancy:

- Early Pregnancy Scan (Dating or Viability Scan) during 1st Trimester (6 – 7.5 weeks)
- NT (Nuchal Translucency) Scan during 1st Trimester (12 – 13.5 weeks)
- Anomaly or Fetal Anatomy Scan during 2nd Trimester (18 – 20 weeks)
- Third Trimester Screening (Inclusive of 3rd Trimester Scan (32 – 34 Weeks) and BPP (36th – 37th Week). The primary motive is to monitor Fetal growth, assess the placenta and determine the position of the baby through IG (Interval Growth) Scan and Bio Physical Profile (BPP)

## Fetal Medicine and Obstetric & Gynaecological Ultrasound

Follicular Imaging in Assisted Reproduction
Obstetric Scans - Fetal Viability, Anomaly and Growth Scans
Doppler Studies
Fetal Echo Studies
Gynaecological Scans
Cyst Aspirations
Chorionic Villous Sampling (CVS)
Amniocentesis
Fetal Blood Sampling
Fetal Blood Transfusions
Diagnostic and Therapeutic Foetoscopic Procedures
Laser Ablation and Cord Coagulation in Twin to Twin Transfusion Syndrome
Evidence Based Counselling for pregnancy and non pregnancy related conditions

## Manipal Andrology & Reproductive Services (MARS)

MARS provides treatment & care to couples seeking advice on planning a family. Equipped with a comprehensive andrological laboratory to diagnose male fertility problems, the department performs advance tests for sperm egg interaction for predicting fertility. Treatments are offered for severe sperm count problem such as poor or absent sperm counts including surgical sperm retrieval & microsurgery.

It is a pioneering centre offering a dedicated one stop solution for both male & female fertility problems, in a unique homely ambience with minimal patient discomfort, emphasis on optimizing pregnancy for each individual patient.

## MARS Doctors' profile

MARS Doctors		Qualification
Dr. Vasan S. S.	Director & Consultant – Uro Andrologist	DNB (Urology), FICS Fellowship in Andrology (Singapore)
Dr. Bina Vasan	Consultant – Reproductive Medicine	MD (OBG), MSc. Human Reproduction (UK)

- Comprehensive semen analysis
- Advanced studies for sperm - DNA fragmentation, Reactive Oxygen species, micro structural defects, sperm survival studies with latest sperm-egg interaction assessment - improves success chances
- Advanced sperm processing, surgical sperm retrieval & cryo-preservation
- Donor semen bank
- Microsurgery for absent sperm count and post vasectomy re-canalisation
- Assessment & surgery for erectile and ejaculatory dysfunction - penile prosthetic / curvature - surgery,
- vibratory stimulation / electro ejaculation
- Assessment of female factors like ovulation, tubal assessment, follicular and pelvic ultrasound
- Endoscopy, Laparoscopy and Hysteroscopy for evaluation & correction of female factors and tubal re-canalisation surgery
- ART - (Advanced Reproductive Techniques) IVF, IUI, ICSI, Blastocyst Embryo culture, Embryo cryopreservation using vitrification, Oocyte cryopreservation, Ovarian tissue cryopreservation
- Egg donor & embryo donor, Surrogacy programs approved by ethics committee

## Manipal Health Enterprises Pvt. Ltd. (MHEPL)

MHEPL is a part of Manipal Education & Medical Group, a leading healthcare provider delivering quality healthcare in India. Operating as 'Manipal Hospitals', MHE manages an aggregate of 4,900 beds among 15 hospitals, over 11 locations across 5 states in India. The network of hospitals covers all levels of delivery from primary to quaternary care. It has, over the years, built a significant,

committed clinical and healthcare skill pool of over 2,000 doctors and 6,000 nurses, paramedics and support staff. Dedicated to its core values of "Clinical Excellence, Patient Centricity and Ethical Practices", MHE delivers the highest standards of healthcare to its patients. MHE's hospital network annually services over 2 million patients coming from all parts of India & abroad.

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# ManipalHospitals

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