medanta

THE EXCHANGE

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A Knowledge Sharing Initiative by Medanta

"Jaanta Hai Medanta" Driving Awareness and Action Against Cancer

Medanta has launched "Jaanta Hai Medanta", a year-long movement dedicated to raising awareness and encouraging action against cancer. The movement begins with breast cancer awareness, addressing a disease that affects millions of women worldwide, where early detection can make a life-saving difference. Over the year, the campaign will progressively focus on other cancers – oral, prostate, thyroid, colon, paediatric, uterine, cervical, ovarian, liver, lung, and brain tumours – aiming to foster informed conversations, promote early detection, and support timely clinical intervention. "Jaanta Hai Medanta" is more than a tagline; it represents our commitment to understanding the challenges patients and families face, and our determination to walk alongside them at every step, combining clinical expertise with empathy and assurance.

Key initiatives for Breast Cancer Awareness

Banno Ki Rasm: A pioneering awareness film designed to make breast self-examination a regular practice, translating clinical guidance into a simple, actionable message.

Scan to watch and share

Doctor-led Breast Self-Exam Video: A concise, three-minute demonstration by an expert showcasing three simple steps of breast self-examination, a resource that clinicians can share with patients or incorporate into educational programmes.

Scan to watch and share

Aao Dekho Seekho Kiosks: Hands-on kiosks created by Medanta to teach self-breast examination. These are being set up across hospital units, corporate offices, residential communities, RWAs, and public spaces, providing accessible learning opportunities beyond traditional hospital settings.

Aao: A welcoming space introducing why self-checks matter, using clear messaging and visual aids.

Dekho: Interactive sessions and expert-led videos empowering women to practise self-checks accurately and confidently.

Seekho: A women-only area with breast simulators, where participants learn techniques in a private, respectful environment under trained supervision.

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Survivor Stories and Case Studies: Real patient journeys highlight the impact of early detection and timely, advanced treatment.

Community Engagement: Sports, arts, and other activities bring communities together, reinforcing prevention and early detection messages.

Support Programmes: Survivor support groups and creative workshops provide psychosocial support to patients, families, and survivors, complementing clinical care.

Comprehensive Breast Cancer Resources: Guides detailing Medanta's clinical expertise, advanced therapies, reconstructive surgery, and leading clinicians offer a reference point for best practices in patient care.

Through these initiatives, "Jaanta Hai Medanta" supports clinicians in raising awareness, encouraging preventive care, and improving patient outcomes, while keeping human stories and clinical impact at the heart of cancer care.

Medanta@Work

Role of Stereotactic Vacuum-Assisted Breast Biopsy (VABB) in Diagnosing Occult Breast Cancer

Breast cancer screening plays a vital role in detecting early disease, especially in women with a strong family history of breast or ovarian cancer. Digital mammography remains the primary screening tool, with contrast-enhanced MRI used in high-risk individuals. Some early-stage cancers appear only as microcalcifications on mammography, with no corresponding palpable lump or ultrasound visibility. These subtle findings make conventional ultrasound-guided biopsies challenging, leading to the increasing use of stereotactic biopsies with vacuum-assisted devices. This case demonstrates how Stereotactic VABB enabled a timely diagnosis and treatment plan in an early-stage, clinically occult breast cancer.

Case Study

A 60-year-old woman with a family history of breast cancer in her mother had been undergoing annual mammographic screening for the past five years. Her most recent mammogram revealed suspicious findings, though she remained asymptomatic, and her clinical breast examination showed no abnormalities. Mammography detected a 6 × 5 mm cluster of microcalcifications in the lower outer quadrant of her left breast (BIRADS 4C). The lesion was not visualised on ultrasound, and MRI was avoided due to a previous allergic reaction to contrast. On May 23, 2025, she underwent stereotactic vacuum-assisted breast biopsy (VABB) under mammographic guidance, and a clip was placed at the biopsy site for future surgical planning. Histopathology confirmed high-grade ductal carcinoma in situ (DCIS) with comedonecrosis.

Screening mammogram (MLO view) demonstrating a large irregular mass lesion

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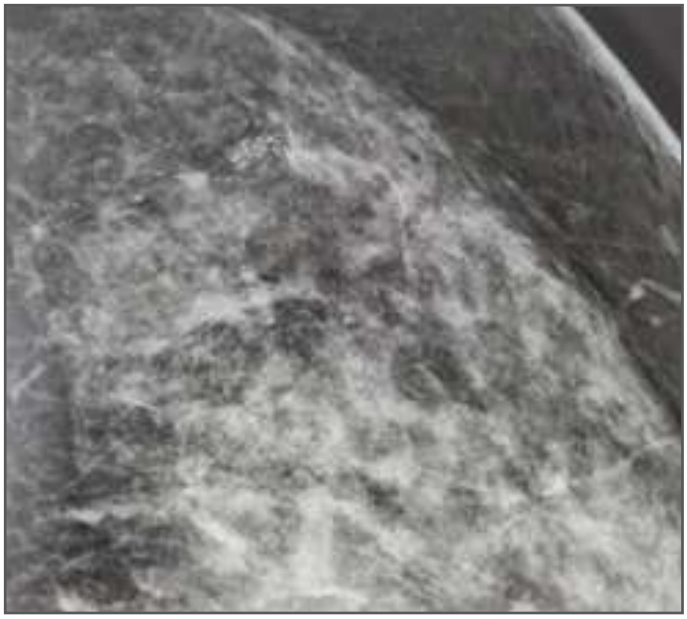


Magnified mammographic view showing dense breast tissue with irregular opacity

Histopathology findings confirmed a diagnosis of high-grade DCIS with comedonecrosis. This early detection was made possible through mammographic screening and the use of stereotactic VABB, which allowed precise localisation and accurate sampling of the lesion.

On June 3, 2025, the patient underwent a stereotactic wire-guided wide local excision of the breast lesion along with sentinel lymph node biopsy. Sentinel nodes were negative for metastasis, and the final diagnosis was confirmed as high-grade DCIS with comedonecrosis (pTisN0), ER/PR negative. The postoperative period was uneventful, and she was discharged on the second postoperative day. She is currently under structured surveillance follow-up.

Discussion

Breast cancer remains the most common malignancy among women globally, accounting for 26.6% of all female cancers according to GLOBOCAN 2022. Advances in screening allow detection of lesions as small as 100 µm, enabling diagnosis at pre-invasive stages, which significantly improves prognosis. However, these findings are often not visible on ultrasound, limiting the effectiveness of conventional core-needle biopsies. Stereotactic VABB addresses this challenge by allowing precise mammographic localisation and sampling of non-palpable lesions. The vacuum-assisted device rotates 360°, retrieving larger and more representative tissue samples for accurate histopathological assessment. This case demonstrates how stereotactic VABB can bridge a crucial diagnostic gap and guide timely, targeted treatment, ensuring improved patient outcomes.

Stereotactic Vacuum-Assisted Breast Biopsy (VABB)

Stereotactic VABB combines digital mammography with a vacuum-assisted device to accurately localise and sample subtle breast lesions such as microcalcifications and architectural distortions. This minimally invasive technique retrieves larger tissue volumes than traditional core-needle biopsies, reducing sampling errors and improving diagnostic accuracy. By enabling early and precise diagnosis, VABB represents a significant advancement in breast cancer care and supports optimal treatment planning.

Dr. Rajeev Agarwal
Senior Director - Breast Cancer
Medanta - Gurugram

Dr. Ananya Deori
Associate Consultant - Breast Cancer
Medanta - Gurugram

Congenital Kyphoscoliosis Secondary to Neurofibromatosis in an Adolescent

Scan to watch Dr. Swetabh Verma explain the case in detail.

Congenital spinal deformities are rare and often complex, arising from vertebral malformations or segmentation defects that can result in severe kyphosis, scoliosis, or a combination of both. These deformities may progress rapidly during growth spurts, especially when associated with syndromic conditions such as neurofibromatosis, leading to significant cosmetic, functional, and cardiopulmonary consequences. Timely diagnosis and surgical correction are critical to preventing further morbidity, but management is technically demanding,

requiring detailed preoperative planning, advanced surgical techniques, and a multidisciplinary team approach. This case details the evaluation and surgical correction of a severe congenital kyphoscoliosis in a 13-year-old girl with neurofibromatosis.

Case Study

A 13-year-old female presented to the Orthopaedic Spine Unit at Medanta - Lucknow, with a progressively worsening spinal deformity over the past three to four years. The deformity became more pronounced after the onset of menarche, with the parents also noting increasing trunk asymmetry and a prominent rib hump. Previous treatment at her native place, which included medications and bracing, had not halted the progression of the curve.

On examination, she was found to have congenital vertebral formation and segmentation defects, resulting in severe kyphoscoliosis. Multiple café-au-lait spots over the trunk confirmed the diagnosis of neurofibromatosis. Neurological assessment revealed no deficits. She measured 139.5 cm in height and weighed 38 kg. Pulmonary function testing indicated restricted chest expansion due to the chronic curvature.

An MRI scan of the spine showed no congenital abnormalities in the spinal cord or brain. A CT scan revealed multiple segmentation defects, including hemivertebrae, leading to severe spinal malalignment. X-ray confirmed a combined kyphoscoliosis deformity with a curvature measuring 90 degrees.

The family received detailed counselling about the disease, the risks associated with conservative management, and the benefits and potential complications of surgical correction. Given the severity and progression of the deformity and its impact on thoracic volume, surgical intervention was planned to achieve near-normal alignment and improve pulmonary function. The family was informed of the risks of neurological injury, wound complications, implant failure, and possible revision surgery. Multidisciplinary consultations were undertaken with cardiology, pulmonology, anaesthesiology, and neurology teams to optimise perioperative care, and surgery was scheduled with continuous intraoperative neuromonitoring.

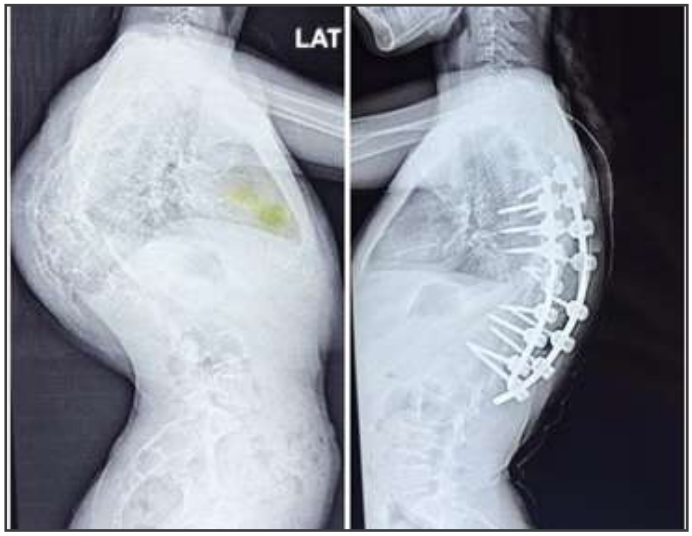
The patient underwent posterior spinal instrumentation and fusion from D5 to L1. A pedicle subtraction osteotomy was performed at D9, along with multiple posterior osteotomies at other levels, to achieve maximum correction.

Clinical photographs demonstrating significant improvement in rib hump and trunk alignment following deformity correction

Pre- and postoperative AP spine radiographs showing correction of severe kyphoscoliosis with posterior instrumentation

Intraoperative neuromonitoring confirmed intact neurological function, and a wake-up test at the end of surgery verified preserved motor activity.

Postoperatively, she was managed in the ICU for close haemodynamic monitoring and blood transfusion support, before being transferred to the ward in stable condition. She was discharged on the fourth postoperative day, and sutures were removed two weeks later. At follow-up, she had gained five centimetres in height, and her curvature had reduced from 90 degrees to 40 degrees. There was marked improvement in shoulder and pelvic balance, a visible reduction in the rib hump, and an improved kyphotic profile. She was prescribed a custom spinal orthosis and advised regular follow-up for monitoring and rehabilitation.



Lateral spine radiographs before and after surgery showing restoration of sagittal alignment

Discussion

Congenital kyphoscoliosis is a rare spinal deformity that can progress rapidly during growth, particularly in association with neurofibromatosis. Severe deformities may lead to restricted thoracic volume, impaired pulmonary function, and significant cosmetic and functional concerns, necessitating timely surgical intervention. This case involved a rigid, 90-degree kyphoscoliosis deformity caused by multiple hemivertebrae, presenting a considerable surgical challenge.

Preoperative optimisation with multidisciplinary input from cardiology, pulmonology, anaesthesiology, and neurology was crucial in minimising perioperative risks. The surgical correction required advanced osteotomy techniques, including a pedicle subtraction osteotomy at D9, and the use of segmental fixation to achieve alignment goals. Continuous intraoperative neuromonitoring and a wake-up test ensured neurological safety, highlighting the importance of technology-assisted precision in managing high-risk spinal deformities.

This case demonstrates that early diagnosis, careful preoperative planning, and multidisciplinary management are key to achieving good outcomes in congenital kyphoscoliosis. Advanced imaging modalities, spinal osteotomy techniques, and modern neuromonitoring tools allow safe deformity correction, with functional improvement and cosmetic benefits.

Conclusion

This case underscores the complexity of managing congenital kyphoscoliosis secondary to neurofibromatosis in adolescents. Timely surgical correction not only improves spinal alignment but also helps prevent future pulmonary and functional compromise. The successful outcome was made possible through a comprehensive team-based approach involving orthopaedic spine surgeons, anaesthesiologists, neurologists, and cardiopulmonary specialists. Such collaborative care, combined with advanced surgical and neuromonitoring techniques, is essential for treating severe, rigid spinal deformities safely and effectively.

Dr. Swetabh Verma
Associate Director - Orthopaedics
Medanta - Lucknow

Expert Insights

Decoding MASLD

A New Era in Understanding Fatty Liver Disease

Scan to watch Dr. Narendra Singh Choudhary explain the article in detail.

"Over one-third of Indian adults and children have MASLD, making it one of the most common and under-recognised health conditions in the country."

Fatty liver is frequently detected incidentally on abdominal ultrasound performed for other reasons or during evaluation of raised liver function tests. While fatty liver is a well-known finding in patients with significant alcohol intake, in those who do not consume excess alcohol, this condition was previously termed Non-Alcoholic Fatty Liver Disease (NAFLD).

NAFLD was defined as the presence of ≥5% hepatic steatosis on biopsy in the absence of other causes of fat accumulation in the liver. It was essentially a diagnosis of exclusion, with most patients diagnosed using imaging modalities rather than biopsy.

To better reflect the underlying metabolic mechanisms, NAFLD has been renamed as Metabolic Dysfunction–Associated Steatotic Liver Disease (MASLD). This updated nomenclature emphasises the strong link between hepatic steatosis and metabolic risk factors, and excludes

secondary or unknown causes of steatosis. A subgroup termed MetALD identifies individuals with MASLD who also consume moderate amounts of alcohol. The paediatric MASLD criteria differ slightly. Importantly, more than 95% of patients previously diagnosed with NAFLD also meet MASLD criteria.

Prevalence of MASLD in India

Recent studies highlight the growing burden of MASLD in India. A meta-analysis has shown MASLD prevalence to be 38% among Indian adults and 35% among children, underscoring its significance as a major health concern in the country.

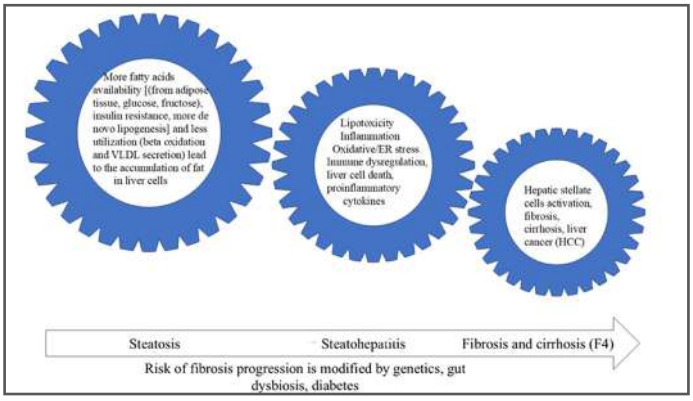
Pathogenesis of MASLD

MASLD has a bidirectional association with metabolic risk factors. Insulin resistance plays a pivotal role, contributing to hepatic fat accumulation, which in turn worsens insulin resistance. This cycle increases cardiometabolic risk, making MASLD not just a liver disease but a systemic metabolic disorder.

Key drivers include:

- Insulin resistance and obesity leading to hepatic steatosis
- Poor dietary choices and sedentary lifestyle
- Inflammation promoting progression
- Genetic and epigenetic factors influencing disease severity

This interplay explains why MASLD is strongly linked to type 2 diabetes, cardiovascular disease, and obesity.



Pathogenesis of MASLD

Clinical Implications

MASLD is often asymptomatic but carries significant implications. Fat accumulation can progress to non-alcoholic steatohepatitis (NASH), fibrosis, cirrhosis, or hepatocellular carcinoma. However, cardiovascular disease remains the leading cause of mortality among these patients in the absence of cirrhosis.

Timely identification and management of metabolic syndrome components are essential for reducing complications.

Diagnostic Evaluation

MASLD is usually detected on ultrasound imaging, but additional evaluations include:

- Fibroscan or elastography for assessing fibrosis
- MRI-PDFF or MR elastography for quantitative fat and fibrosis assessment
- Serological tests for liver function and metabolic risk profiling
- Biopsy in select cases for definitive diagnosis or staging

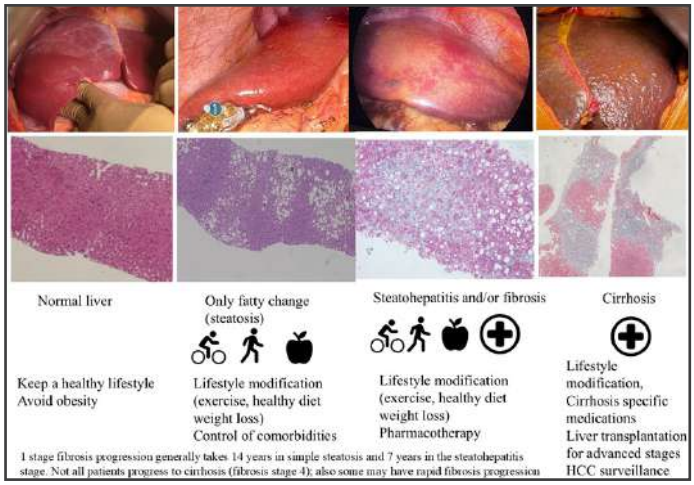


Illustration of stages and treatment options for MASLD

Multidisciplinary Management

MASLD treatment focuses on lifestyle modification—weight reduction through a calorie-restricted diet, exercise, and behavioral changes is the foundation of therapy.

- Weight loss of 7–10% improves steatosis, inflammation, and fibrosis.
- Control of comorbidities like diabetes, hypertension, and dyslipidemia is essential.
- Pharmacological therapy: semaglutide, resmetirom, vitamin E and saroglitazar are commonly used medications. A multidisciplinary approach—involving hepatologists, cardiologists, endocrinologists, nutritionists, and primary care physicians—is crucial for long-term management and reducing both hepatic and cardiovascular complications.

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Frequently Asked Questions

What does MASLD mean?

MASLD stands for Metabolic Dysfunction–Associated Steatotic Liver Disease. It replaces the older terminology NAFLD, emphasizing its metabolic basis.

How common is MASLD in India?

MASLD affects over one-third of adults and children in India, making it a significant public health challenge.

Does MASLD always progress to cirrhosis?

No. While MASLD can lead to cirrhosis or liver cancer in some patients, most will not develop advanced disease. However, cardiovascular complications are highly prevalent.

How is MASLD treated?

Currently, lifestyle modification—weight loss, exercise, and risk factor control—is the primary treatment for patients without fibrosis. Medications are also required if significant fibrosis is present. So a fibrosis assessment is done for everyone.

Why was the name changed from NAFLD to MASLD?

The name change reflects the metabolic underpinnings of the disease and encourages active screening and treatment rather than focusing on the absence of alcohol use.

What is MetALD?

MetALD refers to patients with MASLD who consume moderate amounts of alcohol.

Is FibroScan needed for all patients with MASLD?

No. It is an expensive test. It is ordered only for selected patients with risk factors of significant fibrosis.

Key Takeaway

MASLD represents a paradigm shift in understanding fatty liver disease. With its high prevalence in India and strong association with cardiometabolic risk, early recognition, risk stratification, and multidisciplinary management are essential for reducing long-term complications.

Dr. Narendra Singh Choudhary
Associate Director - Transplant Hepatology
Medanta - Gurugram

Dr. Neeraj Saraf
Senior Director - Hepatology
Medanta - Gurugram

Dr. R. R. Kasliwal
Chairman - Clinical and Preventive Cardiology
Medanta - Gurugram

Kudos

Medanta Patna Wins First Prize at EchoIndia 2025

A rare case of Cardiac Sarcoidosis with atrial involvement, presented by Dr. Shraddha Ranjan (Senior Consultant, Clinical and Preventive Cardiology, Medanta Heart Institute, Patna), won First Prize at the Natesa G. Pandian Case Competition, EchoIndia 2025, organised by the Indian Academy of Echocardiography. The case was supported by Dr. Pramod Kumar (Director and HOD, Interventional Cardiology) and Dr. Arunav Kumar (Consultant, Nuclear Medicine). With over 100 complex cases presented from across the country, this recognition highlights the strength of multidisciplinary collaboration and the advanced cardiac care being delivered at Medanta Patna.


Indian Academy of Echocardiography

Shraddha Ranjan

is awarded the

1st Prize in the
Natesa G Pandian Case Competition
EchoIndia 2025
29th Annual Conference

Milestones

Medanta's ongoing commitment to delivering healthcare that meets internationally benchmarked standards has been recognised by the Joint Commission International (JCI) - a global authority on healthcare quality and patient safety. We remain dedicated to providing advanced healthcare through multidisciplinary teams of experienced doctors, supported by the latest medical technology, in a safe and patient-centred environment.

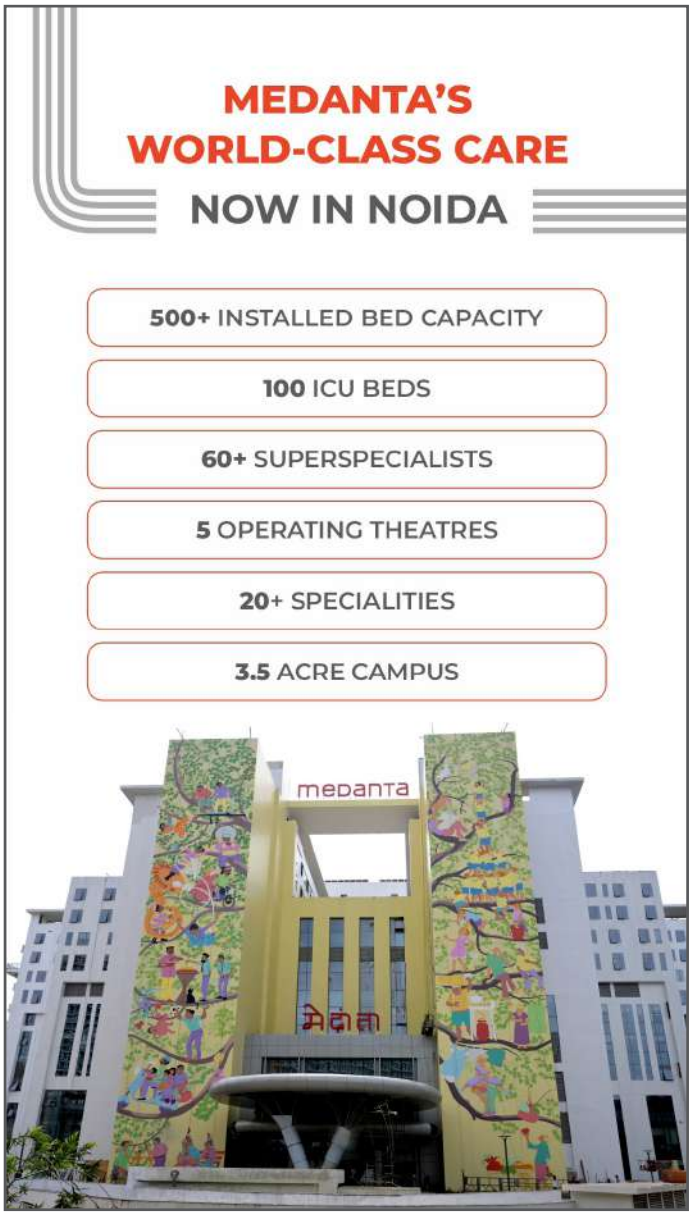
Medanta Expands in NCR with State-of-the-Art Noida Hospital

Medanta's new 550-bedded hospital in Noida, Uttar Pradesh has commenced operations, marking a significant milestone in expanding access to world-class healthcare in the National Capital Region (NCR) and surrounding areas.

The hospital is equipped with advanced technology including the Da Vinci Xi Surgical Robot, next-generation O-Arm, Artis Icono AI-driven Biplane Cath Lab, and diagnostic systems such as 3 Tesla MRI, 256-slice Dual Source CT, PET Scan, and Gamma Camera. The facility opens with 300 operational beds, including over 100 ICU beds and 5 advanced operating theatres, strengthening Medanta's capability to provide high-standard tertiary and quaternary care.

Serving patients from Noida and neighbouring areas, Medanta Noida offers care across more than 20 super-specialties, including Cardiology, Oncology, Neurosciences, Gastroenterology, Orthopaedics, and all types of Transplants. The hospital team comprises over 60 senior clinical experts, including 30 directors, bringing extensive experience and expertise.

The launch of Medanta Noida reflects a continued commitment to clinical excellence, innovation, and comprehensive patient care, further enhancing Medanta's mission to provide accessible, high-quality healthcare.



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Welcome Onboard

Dr. Dushyant Nadar

Director – Urology, Kidney Transplant and Robotic Uro-Oncology

Medanta - Noida

Dr. Nadar is a senior urologist with over 25 years of experience in renal transplant, robotic uro-oncology, and complex urological surgeries, specialising in kidney, prostate, and bladder cancers, advanced endourology, and reconstructive urology.

Dr. Rajiv Mehrotra

Director - Cardiology

Medanta - Noida

Dr. Mehrotra is a senior cardiologist with expertise in coronary angiography and angioplasty, critical cardiac care, ischaemic and valvular heart diseases, and heart failure management.

Dr. Sajjan Rajpurohit

Director and HOD - Medical Oncology

Medanta - Noida

Dr. Rajpurohit is an experienced medical oncologist specialising in immunotherapy, targeted therapy, CAR-T cell therapy, precision oncology, advanced chemotherapy for solid tumours, and bone marrow transplantation.

Dr. Manoj Kumar Singhal

Director - Nephrology

Medanta - Noida

Dr. Singhal is a senior nephrologist with over 30 years of experience, specialising in kidney transplantation, chronic and acute kidney diseases, diabetic nephropathy, glomerular disorders, and dialysis therapies.

Dr. Rohit Khandelwal

Director - Interventional Radiology

Medanta - Noida

Dr. Khandelwal is a senior interventional radiologist specialising in minimally invasive, image-guided procedures for cancer, vascular, and non-vascular conditions, including tumour ablation, endovascular interventions, and embolisation therapies.

Dr. Raman Arora

Director - Histopathology

Medanta - Noida

Dr. Arora is a senior pathologist with over two decades of experience, specialising in histopathology, cytopathology, oncopathology, molecular oncology, and solid organ transplant pathology, with expertise in advanced diagnostic techniques.

Dr. Suhas Singla

Director - Nuclear Medicine

Medanta - Noida

Dr. Singla is a nuclear medicine specialist with expertise in diagnostic and therapeutic molecular imaging, PET-CT, SPECT-CT, and targeted radionuclide therapies, including pioneering 177Lu-DOTATATE and 177Lu-PSMA treatments in India.

Dr. Samarjit Singh Ghuman

Director - Diagnostic Radiology

Medanta - Noida

Dr. Ghuman is a senior radiologist with extensive expertise in gastrointestinal, hepatobiliary, liver transplant, head and neck, and chest imaging, including complex diagnostic evaluations, advanced cross-sectional imaging, and interpretation of challenging cases.

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Dr. Saloni Sehgal

Director - Microbiology and Infection Control

Medanta - Noida

Dr. Sehgal is a senior microbiologist with expertise in microbiology, hospital infection control, and antimicrobial stewardship, managing complex infections, implementing effective infection prevention protocols, and overseeing laboratory-based diagnostics.

Dr. Sanjay Kumar

Director - CTVS

Medanta - Noida

Dr. Kumar is a cardiac surgeon with over two decades of experience, specialising in adult and paediatric cardiac surgery, minimally invasive procedures, advanced aortic and endovascular surgery, heart failure surgery, ECMO, and hybrid aortic repairs, delivering comprehensive patient care.

Dr. Seenu Vuthaluru

Director - Breast and Endocrine Surgery

Medanta - Noida

Dr. Vuthaluru is a senior surgeon with over 35 years of experience, specialising in breast and endocrine surgery, minimally invasive and reconstructive breast oncoplasty, thyroid, parathyroid, and robotic adrenal procedures, and management of hereditary breast cancer.

Dr. Girish Chandra Vaishnava

Director - Internal Medicine

Medanta - Noida

Dr. Vaishnava is a senior physician with over four decades of experience, specialising in lifestyle diseases, diabetes, hypertension, thyroid disorders, infectious diseases, and complex internal medicine cases, with a strong focus on patient-centred care.

Dr. Vivek Tandon

Director - GI Surgery and GI Oncosurgery

Medanta - Noida

Dr. Tandon is a senior surgical gastroenterologist with over two decades of experience, specialising in gastrointestinal, hepatobiliary, colorectal, and GI oncosurgeries, including complex hepato-pancreato-biliary procedures.

Dr. Parneesh Arora

Director - Interventional Cardiology

Medanta - Noida

Dr. Arora is an interventional cardiologist with expertise in complex coronary interventions, radial angioplasty, CHIP procedures, rotablation, IVL, IVUS/OCT imaging, pacemaker and device implantation, and structural heart interventions including TAVI.

Dr. Deepak Govil

Director - GI Surgery and GI Oncosurgery

Medanta - Noida

Dr. Deepak Govil is an experienced GI surgeon and oncosurgeon specialising in hepatopancreatobiliary, colorectal, and complex gastrointestinal oncology procedures, including advanced laparoscopic and robotic GI surgery.

Dr. Amit Kumar Malik

Director - Interventional Cardiology and Electrophysiology

Medanta - Noida

Dr. Malik is an acclaimed interventional cardiologist with expertise in complex coronary interventions, cardiac electrophysiology, and device implantations, including 3D mapping, radiofrequency ablation, and advanced heart failure therapies.

Dr. Vineet Bhatia

Director - Cardiology

Medanta - Noida

Dr. Bhatia is an experienced cardiologist with expertise in complex coronary interventions, advanced cardiac imaging (IVUS/OCT), pacemaker and defibrillator implantation, heart failure devices, and evidence-based management of cardiovascular diseases.

Dr. Sanjay Gupta

Director - Orthopaedics and Joint Replacement

Medanta - Noida

Dr. Gupta is a senior orthopaedic surgeon with over 25 years of expertise in joint replacement and sports medicine. He has performed more than 15,000 successful joint replacement surgeries, including complex primary, revision, and robotic-assisted procedure.

Dr. Amit Kumar Singhal

Director - General Anaesthesia

Medanta - Noida

Dr. Singhal is a senior anaesthesiologist with over 25 years of experience in anaesthesia and critical care. A pioneer in liver transplant anaesthesia, he has established transplant programmes across India and managed anaesthesia and intensive care for more than 1,500 liver transplants.

Dr. Deepak Kumar Mittal

Director - Radiation Oncology

Medanta - Noida

Dr. Mittal is a radiation oncologist specialising in advanced techniques such as IGRT, IMRT, VMAT, SBRT, SRS, TBI, and brachytherapy, treating cancers of the head and neck, breast, genitourinary system, brain, and blood.

Dr. Anil Dhar

Associate Director - Neurosurgery

Medanta - Noida

Dr. Dhar is a senior neurosurgeon with over 15 years of experience, specialising in skull base surgery, endoscopic cranial and spinal procedures, minimally invasive spine surgery, and complex neurotrauma management.

Dr. Kapil Dev Mohindra

Associate Director - Non-Invasive Cardiology

Medanta - Noida

Dr. Mohindra specialises in non-invasive cardiology, including 2D/3D and transoesophageal echocardiography, strain imaging, stress echocardiography, and Doppler studies.

Dr. Kavita Thukral

Associate Director - Radiology

Medanta - Noida

Dr. Thukral is an experienced radiologist specialising in women's imaging, foetal ultrasound, foetal echocardiography, and advanced Doppler studies, with expertise in complex ultrasound diagnostics.

Dr. Rahul Gupta

Associate Director - Urology

Medanta - Noida

Dr. Gupta is a senior urologist and robotic surgeon with expertise in renal transplant, robotic uro-oncology, reconstructive urology, and complex urological surgeries.

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Dr. Yogesh Valecha

Senior Consultant - Internal Medicine

Medanta - Noida

Dr. Valecha is a senior physician specialising in diabetes, thyroid, hypertension, infectious and respiratory diseases, and management of acute and chronic conditions.

Dr. Shireen Siddiqui

Senior Consultant - Microbiology and Infection Control

Medanta - Noida

Dr. Siddiqui is an experienced microbiologist and infection prevention specialist with expertise in hospital infection control, antimicrobial stewardship, quality assurance, and training healthcare teams.

Dr. Sunny Kumar

Senior Consultant and Incharge - Gastrointestinal ICU

Medanta - Noida

Dr. Kumar is a critical care specialist with expertise in advanced ventilatory support, extracorporeal therapies, infectious diseases in intensive care, and ultrasound-guided management.

Dr. Shruti Sharma

Senior Consultant - Internal Medicine

Medanta - Noida

Dr. Sharma is a senior physician with over eight years of experience, specialising in sepsis, infectious diseases, lifestyle disorders, autoimmune conditions, and management of complex medical cases.

Dr. Lovy Gaur

Senior Consultant - Nephrology and Kidney Transplant Medicine

Medanta - Noida

Dr. Gaur is a senior nephrologist specialising in kidney transplantation, transplant immunology, chronic and acute kidney diseases, dialysis, and nephrology interventions.

Dr. Saurav Shishir Agrawal

Senior Consultant - Endocrinology and Diabetes

Medanta - Noida

Dr. Agrawal specialises in diabetes, thyroid disorders, paediatric growth issues, obesity, PCOS, pituitary and adrenal disorders, and osteoporosis.

Dr. Mesha Srivastava

Senior Consultant - Anaesthesiology

Medanta - Noida

Dr. Srivastava specialises in onco-anaesthesia, pain management, regional anaesthesia, and advanced airway techniques.

Dr. Priya Bansal

Senior Consultant - Gynaecology and Gynae Oncology

Medanta - Noida

Dr. Priya Bansal specialises in robotic and advanced laparoscopic gynaecological and gynae-oncology surgeries, including fertility-preserving procedures

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Dr. Prashant K. Mehta

Senior Consultant - Cardiology

Medanta - Noida

Dr. Mehta specialises in non-invasive cardiology and advanced echocardiographic techniques, including 3D ECHO, TEE, Doppler studies, and structural heart interventions.

Dr. Dipankar Dutta

Senior Consultant - Critical Care (Nephrology)

Medanta - Noida

Dr. Dutta is an experienced intensivist with expertise in antimicrobial stewardship, extracorporeal therapies, ARDS, haemodynamic monitoring, and renal replacement therapies.

Dr. Bhupender Singh

Senior Consultant - Cardiology

Medanta - Noida

Dr. Singh specialises in non-invasive cardiology, including echocardiography, Holter and ELR monitoring, and management of coronary artery disease, heart failure, and arrhythmias.

Dr. Mudit Arora

Consultant - Diagnostic Radiology

Medanta - Noida

Dr. Arora is a radiologist specialising in neuroimaging, paediatric, head and neck, spine, oncology, and cardiac imaging.

Dr. Anmol Chaudhary

Consultant - Gastrointestinal Surgery

Medanta - Noida

Dr. Chaudhary is a gastrointestinal surgeon with expertise in laparoscopic and robotic surgeries, laser proctology, hernia, gallbladder, colorectal procedures, and emergency GI care.

Dr. Ayushman Bindal

Consultant - Dermatology

Medanta - Noida

Dr. Bindal is a dermatologist with expertise in clinical and paediatric dermatology, dermatosurgery, and advanced facial aesthetics including lasers, fillers, and botulinum toxin.

Dr. Supreet Kumar

Consultant - GI Surgery and GI Onco Surgery

Medanta - Noida

Dr. Kumar is a surgical gastroenterologist specialising in gastrointestinal, hepatopancreatobiliary, and liver transplant surgeries, including complex oncological resections.

Dr. Anish Garg

Consultant - Orthopaedics

Medanta - Indore

Dr. Garg is an orthopaedic surgeon specialising in primary and revision knee and hip replacements, with expertise in complex deformities and infected arthroplasty.

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Dr. Nishant Shiv

Consultant - Hepatobiliary and Liver Transplant

Medanta - Indore

Dr. Shiv is a hepatopancreaticobiliary and liver transplant surgeon with expertise in adult and paediatric transplants, complex HPB surgery, and laparoscopic and robotic donor hepatectomy.

Dr. Saumya Shishir Agrawal

Consultant - Respiratory and Sleep Medicine

Medanta - Noida

Dr. Agrawal is a pulmonologist with expertise in interstitial lung disease, asthma, COPD, sleep-related breathing disorders, and interventional pulmonology, including bronchoscopy and EBUS.

Dr. Naveen Tanwar

Consultant - Anaesthesiology

Medanta - Noida

Dr. Tanwar is an experienced anaesthesiologist with expertise in perioperative care, including anaesthesia for urological, oncological, laparoscopic, robotic, orthopaedic, and transplant surgeries.

Dr. Kumar Anshuman

Consultant - Cardiology

Medanta - Noida

Dr. Anshuman is a cardiologist specialising in non-invasive, preventive, and clinical cardiology, with expertise in cardiac risk assessment and management.

Dr. Nidhi Srivastava

Consultant - Internal Medicine

Medanta - Noida

Dr. Srivastava is an internal medicine expert with extensive experience in preventive health, emergency care, trauma management, and long-term management of diabetes and hypertension.

Dr. Preeti Gopal

Associate Consultant - Neonatology

Medanta - Lucknow

Dr. Gopal is a neonatologist with expertise in newborn resuscitation, preterm care, NICU management, immunisation, and parental counselling.

Dr. Waseem Farooqui

Consultant - Electrophysiology and Interventional Cardiology

Medanta - Noida

Dr. Farooqui is a cardiologist with expertise in coronary interventions, electrophysiological studies, device implants, and heart failure management.

Dr. Anupriya Bajaj

Associate Consultant - Neonatology

Medanta - Lucknow

Dr. Bajaj is a neonatologist with expertise in newborn resuscitation, preterm care, immunisation, lactation support, and early childhood growth and development.

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Dr. Manish Kumar

Associate Consultant - Interventional Cardiology

Medanta - Lucknow

Dr. Kumar is a cardiologist with expertise in coronary angiography and angioplasty, intracoronary imaging, pacemaker implantation, heart failure management, and preventive cardiology.

Dr. Aishwarya Keshan

Associate Consultant - Haematology

Medanta - Noida

Dr. Keshan is a haematologist with expertise in managing benign and malignant blood disorders, performing bone marrow procedures, intrathecal therapies, and stem cell transplantation.

Dr. Ashutosh Kumar

Associate Consultant - Neurosurgery

Medanta - Noida

Dr. Kumar is a neurosurgeon specialising in cranial and spinal surgeries, neurotrauma care, and endoscopic neurosurgery, delivering advanced, evidence-based patient care.

Dr. Sonam Gupta

Associate Consultant - GI Surgery and GI Oncosurgery

Medanta - Noida

Dr. Gupta specialises in gastrointestinal and hepatobiliary surgery, pancreatic surgery, upper GI and colorectal surgery, and management of GI cancers.

Dr. Payas Joshi

Associate Consultant - Neurology

Medanta - Noida

Dr. Joshi is a neurologist specialising in stroke, epilepsy, headache, vertigo, and neuropathy, with expertise in EEG, VNG, and Nerve Conduction Studies.

Dr. Salik Imam

Associate Consultant - Joint and Trauma Surgery

Medanta - Patna

Dr. Imam is an orthopaedic surgeon specialising in trauma, joint replacement, and robotic arthroplasty.

Dr. Abhinav Kumar

Associate Consultant - Minimal Access and Robotic Surgery

Medanta - Patna

Dr. Kumar specialises in minimal access and robotic surgery for hepatopancreatobiliary, bariatric, hernia, colorectal, and renal transplant procedures.

Dr. Namrata Kumari

Associate Consultant - Neonatology

Medanta - Patna

Dr. Kumari is a neonatologist specialising in critical newborn care, advanced ventilation, and neonatal procedures.

Dr. Akshay Bhandari

Associate Consultant - Orthopaedics

Medanta - Noida

Dr. Bhandari specialises in orthopaedic trauma, primary and revision joint replacement surgeries, and robotic knee replacements.

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Dr. Ansari Bushra
Associate Consultant - Neonatology
Medanta - Lucknow

Dr. Bushra is a neonatologist with expertise in invasive and non-invasive ventilation, neonatal resuscitation, ultrasound-based diagnosis, developmentally supportive care, and line insertion in critically ill newborns.

Dr. Natasha Dhingra
Associate Consultant - Emergency Medicine
Medanta - Noida

Dr. Natasha Dhingra specialises in emergency care, including trauma, sepsis, shock, obstetric and geriatric emergencies, and advanced airway management.

IN CASE OF **EMERGENCY** DIAL **1068**

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Amar Shaheed Path, Lucknow I Tel: 0522 4505 050

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Kankarbagh Main Road, Kankarbagh Colony, Patna
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Gurugram I Tel: 0124 4834 547

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DLF Cyber Park, Plot No. 405B, Sector-20, Udyog
Vihar, Gurugram I Tel: 93541 41472

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562 SP, Sector 27, Golf Course Road,
Gurugram I Tel: 0124 6930 099

Ranchi
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Vendor Market, Ranchi I Tel: 1800 891 3100

Medanta Helpline: 88-0000-1068

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