

Transforming Knee Care with Robotic Knee Surgery



ORTHOPAEDICS
SURGERY



Knee pain affects millions of people worldwide, often limiting their ability to enjoy life's simple pleasures, like walking, exercising, or spending quality time with loved ones. For those facing chronic knee issues or arthritis, traditional treatments may no longer provide relief. At RAK Hospital, we're at the forefront of innovation, offering robotic knee surgery to help our patients regain mobility, reduce pain, and restore their quality of life.

What is Robotic Knee Surgery?

Types of Robotic Knee Surgery

1. Partial Knee Replacement

For patients with damage in only one part of the knee, a partial knee replacement addresses localized issues while preserving healthy bone and tissue.

2. Total Knee Replacement

For advanced arthritis or joint degeneration, a total knee replacement involves replacing the entire knee joint with prosthetic components.

How it works:

- Pre-Surgery Planning:** Using advanced imaging technology, the system creates a 3D model of your knee to guide the surgeon in creating a personalized surgical plan.
- Precision Surgery:** During the procedure, the robotic system assists the surgeon by providing real-time data and ensuring precise bone cuts and implant placement.
- Post-Surgery Benefits:** This level of accuracy reduces tissue damage, minimizes post-operative pain, reduces bleeding and leads to a faster recovery process.

Who Can Benefit from Robotic Knee Surgery?

This innovative procedure is suitable for individuals experiencing:

- **Chronic knee pain:** Persistent discomfort that limits mobility and affects daily activities.
- **Osteoarthritis:** Severe degeneration of knee cartilage causing stiffness and pain.
- **Failed conservative treatments:** Non-surgical methods such as medications, physiotherapy, or injections are no longer effective.
- **Rheumatoid arthritis:** Advanced joint inflammation requiring surgical intervention.

If knee pain is stopping you from enjoying life, robotic knee surgery could be the solution you need.

Advantages of Robotic Knee Surgery

Here are the key benefits that set robotic knee surgery apart:

- **Unmatched Precision:** Robotic systems enhance the surgeon's ability to perform exact implant placements tailored to your anatomy, reducing complications and ensuring long-term success.
- **Faster Recovery:** With minimal disruption to surrounding tissues, patients experience less pain, smaller scars, and quicker recovery times.
- **Better Functionality:** Proper alignment and balance of the knee joint improve functionality, providing a more natural feel and greater range of motion.



- **Long-Lasting Results:** Enhanced accuracy reduces wear on the implant, leading to improved durability.

A Patient's Journey: What to Expect

1. **Initial Consultation:** Meet with our specialists to discuss your symptoms, undergo a thorough evaluation, and determine if robotic knee surgery is right for you.
2. **Customized Plan:** Using advanced imaging, we develop a surgical plan unique to your knee's anatomy.
3. **Surgery Day:** The robotic system ensures accuracy, precision, and safety during the procedure.

4. **Post-Surgery Care:** Our rehabilitation team supports your recovery with a structured program to help you regain strength and mobility quickly.

Take the First Step Toward Pain-Free Living

Robotic knee surgery offers a revolutionary approach to knee care, providing patients with better outcomes and a faster return to their daily lives. If you or a loved one are considering knee replacement surgery, let us help you make an informed decision.



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News

A happy family in Ras al Khaimah



Khaleej Times, UAE – Wed 1 January 2025

Baby boy Majed, who weighed 2.96kg, was born to Emirati parents at RAK Hospital on New Year's Day at 2.08am.

"We are very happy to welcome our boy on New Year," said his father Ahmad Mohammad. Dr Raza Siddiqui, executive director at RAK Hospital, said: "Welcoming the first baby of the New Year is always a moment of great joy and significance ... The birth of a child symbolises hope, new beginnings, and boundless possibilities, aligning perfectly with the spirit of the New Year."

Arab Health 2025 highlights need for better planning as population ages and demand surges



The National, January 27, 2025

The Arabian Healthcare Group will aim to meet those needs with a new 209-bed multi-speciality hospital that aims to be up and running in Ras Al Khaimah by 2027. Greenfield Hospital and its associated community clinics will offer all aspects of care, aside from oncology and transplants, and promises the latest artificial intelligence to streamline patient services.

News

New 209-bed hospital for Ras Al Khaimah from Arabian Healthcare Group



Gulf News, 28 January 2025

The Arabian Healthcare Group plans a new 209-bed multi-specialty hospital in Ras Al Khaimah under the 'Greenfield' banner, along with an expansion of its Urgent Care community clinics, developed by partner CommonSpirit Health in the US.

Dr. Raza Siddiqui, CEO of Arabian Healthcare Group, highlighted that mandatory health insurance has increased demand for healthcare services, presenting an opportunity to improve their offerings. He added that Ras Al Khaimah has been their home for 17 years, where they've built a strong reputation and earned the trust of local and international patients.

Events



Cardiology Insights Over Lunch

A lunch meeting for the Cardiology team with guest cardiologists Dr. Naem Akbar (NMC) and Dr. Murad Alsharqawi (Al Zahrawi Hospital) at At RAK Hospital, fostering collaboration and exchange of insights.



Workplace Mental Health Organised by MOH, RAK HR Department

Dr. Hatem Sabry, in collaboration with RAK HR Government Department, led an online session on Mental Health in the Workplace: Challenges and Solutions with 111 participants from Government Departments Organised by MOH, RAK HR Government Department.



Eye Health Campaign at Shaikha Mahra Al Qassimi School

Al Nahda Women's Association organized an eye checkup campaign (Nazar Eayni Bus) at Shaikha Mahra Al Qassimi School, screening 60 students between 8:00 AM and 1:00 PM, with 21 referrals for further evaluation.

7th Stroke Conference in Oman

Dr. Tinku Jose, Consultant Neurosurgeon, and Dr. Waseem Dar, Specialist Neurologist, were key speakers at the 7th Stroke Conference in Oman, presenting the latest advancements in stroke care and neurosurgical techniques.



Events

Comprehensive Health Screening by Al Nahda Women's Association and RAK Hospital

Al Nahda Women's Association, in collaboration with RAK Academy organized a health screening event featuring GP consultations and free ultrasound services provided by RAK Hospital.



RAK Hospital exhibits at Arab Health 2025

RAK Hospital proudly showcased its innovative solutions and unwavering commitment to excellence in patient care in Arab Health 2025, a premier global platform for advancing healthcare.



Promotions

RAK HOSPITAL
18 YEARS
Celebrating

The New Medical Tourism Destination

LEAD BRANDS

International Accredited Hospital
JCI-AK 2023 Treatment of Infection
17 Accredited & Recognized Specialties
Awarded 100+ Awards

WHY CHOOSE US?

- International Accredited Hospital
- Awarded 100+ Awards
- 17 Accredited & Recognized Specialties
- JCI-AK 2023 Treatment of Infection
- Awarded 100+ Awards

Visit RAK Hospital Stand #CC100 at AAHB HEALTH 27th January - 30th January 2025
Location: Hall 10, Stand #CC100

Arab Health

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DEPARTMENT OF DERMATOLOGY

For Appointments: WhatsApp or Call
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5 Warning Signs of KIDNEY STONES
to watch out for

- Severe Pain
- Blood in Urine
- Frequent Urination
- Nausea and Vomiting
- Cloudy or Foul-Smelling Urine

DEPARTMENT OF UROLOGY

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