

TOTAL KNEE REPLACEMENT (TKR) SURGERY

Total Knee Replacement (TKR) surgery, a widely recognised standard procedure, is highly effective for treating severe joint damage.

The main benefit of the surgery is to relieve pain. The majority of patients experience significant pain reduction and an improvement in function after knee replacement surgery.

During surgery, the damaged areas of the knee are removed and your doctor will replace your knee joint with a man-made knee joint called 'prosthesis'. Once the prostheses are inserted into the different bones, the surgeon checks that the pieces fit properly and that the new joint moves correctly.

Is Total Knee Replacement Surgery for Me?

It is for you if...



Nonsurgical treatments no longer help your pain



Knee pain or stiffness limits your everyday activities



You have chronic knee inflammation or swelling



You sustained an injury or have a joint deformity

Sunway Medical Centre Total Knee Replacement Surgery

At Sunway Medical Centre we are proud to have one of the most experienced and extensive Orthopaedic specialists. Using the latest technologies in Total Knee Replacement Surgery we can ensure a more precise and personalised care for every patient.

Benefits of Personalised Total Knee Replacement Surgery

- Higher accuracy of implant placement
- Soft tissue protection around ligaments of the joint
- More natural feeling after surgery
- Shorter hospital stay
- Minimal blood loss
- Less postoperative pain
- Quicker return to normal activities

Frequently Asked Questions

Q: Am I too old for total knee replacement surgery?

A: *While age is an important factor, your doctor will take into consideration your overall health status, review your medical history and blood test results, as well as assess your physical strength, bone density, and diet and lifestyle to determine whether this surgery is right for you.*

Q: When can I get back to doing normal activities?

A: *A personalised rehabilitation regimen will be planned for you after surgery to aid in the recovery process. We normally expect patient to return to their day-to-day activities within 3-6 weeks.*

Q: How long will I be in the hospital after the surgery?

A: *Most patients will spend 1-4 days in the hospital post-surgery, depending on the individual's particular surgery and recovery process.*

Q: What activities will I be able to do after surgery?

A: *Realistic physical activities include walking, swimming, golfing, driving, light hiking, biking, dancing and other low-impact sports. However, we advise patient to avoid unnecessary kneeling and squatting to protect your new joint implant.*

Total Knee Replacement Journey with Sunway Medical Centre

Preparing for your joint replacement begins weeks before the actual surgery. The appointment for the surgery can be scheduled with our International Business Development Department or directly with clinic.

PRE-SURGERY

3-4 weeks before surgery

- Have a general physical examination
- Have a dental examination
- Review medications

1-2 weeks before surgery

- Arrange a pre-operative visit
- Get laboratory tests
- Confer with a physical therapist
- Plan for post-surgery rehabilitative care



SURGERY

Day 1

- Arriving at Sunway Medical Centre

Day 2

- Doctor consultation & pre-assessment
- Get insurance guarantee letter (GL) approval

Day 3

- Undergo surgery



POST-SURGERY

3-5 days after surgery

- Rehab in Sunway Medical Centre ward

6-7 days after surgery

- Doctor discharge patient from ward
- Doctor transfer patient to Sunway Sanctuary
- Patient to follow up with doctor in the clinic

1-2 weeks after surgery

- Patient check out from Sunway Sanctuary
- Patient to go back to home country
(Recommended 14 days after surgery to take flight)



FOLLOW UP

6 Weeks after surgery

- Patient to follow up with consultant

3 months after surgery

- Patient to follow up with consultant

1 year after surgery

- Patient to follow up with consultant



Robotic-Arm Assisted Joint Replacement Surgery

Robotic arm-assisted joint replacement surgery is an advanced alternative to conventional total knee replacement. It utilizes CT scan or X-ray data and software to create a 3D virtual model of the patient's anatomy, enabling a personalised preoperative plan.

During surgery, the surgeon guides the robotic arm for precise bone preparation and implant placement, with real-time adjustments enhancing accuracy and predictability. This approach ensures precise implant placement, reduce tissue and ligament damage, and avoids unnecessary bone cuts, leading to less pain. Patients often have shorter hospital stays, fewer complications, and faster recoveries.

Accurate implant positioning can result in a more natural-feeling knee and better long-term satisfaction and durability.

Types of robotic systems used in SMC:

Mako SmartRobotics

With Mako SmartRobotics technology, there is a reduced impact on bone and soft tissue during surgery, leading many hip and knee replacement patients to experience significant improvement in pain, stiffness, and function of the replaced joint.



ROSA Knee System

ROSA is designed to help your surgeon perform total knee replacements tailored to your unique knee anatomy, leading to enhanced comfort, less pain and a quick return to your daily activities within a short period of time.

Types of Knee Prostheses and Longevity

The size, shape, and fit of your knee implants can make a big difference in your happiness after a total knee replacement surgery.

That is why at Sunway Medical Centre, we use the latest implant technology that incorporate Polyethylene meniscus, enhanced with radiation treatment or antioxidants, and are constructed from materials like cobalt chrome, titanium, or ceramics.

This ensures on average a more precise implantation of the artificial knee joints resulting in improved durability and reduced wear and tear with a majority of our patient enjoying more than 20 years of effective use.

LET'S GET BACK TO MOTION

TOTAL KNEE REPLACEMENT

Rediscover active living with Total Knee Replacement at Sunway Medical Centre.

LESS PAIN & FASTER RECOVERY

Single Knee
from **RM35,000**

Both Knees
from **RM58,000**

ROBOTIC-ASSISTED SURGERY

Additional **RM8,000** (single knee) with free room upgrade



Inclusive

- 5 days 4 nights ward with meals
- Pre-surgery blood tests
- Surgeon + anaesthetist + nursing fees
- Anaesthesia
- Routine medication when hospitalised
- Medical equipment and supplies
- Walking frame
- Implants
- Physiotherapy
- Inpatient ward visits

Exclude

- Cross-referral
- Additional tests
- Additional HDU stay
- Additional ward stay
- Treatment for medical comorbidity
- Complication of surgery
- Additional procedures
(HA injection, bone graft, pain management, etc)

Terms and Conditions

- The treatment price above applies only to self-paying patients and is valid until 30th April 2025.
- The treatment price may vary depending on the patient's health condition, as assessed during the first consultation with a specialist.
- The treatment price above applies to shared room types only. Additional costs may apply to single-room types.
- The treatment price above applies only to conventional treatment. However, for **robotic-assisted surgery**, there is an **additional cost of RM8,000**, including a **free room upgrade** (*Only apply to single deluxe/ single standard/ single premier).



SCAN TO SIGN UP



TOTAL KNEE REPLACEMENT HEALING JOURNEY PACKAGE

Experience seamless top-tier medical care combined with the luxury of our exclusive accommodations.

Our Total Knee Replacement Healing Journey Package is designed to ensure your utmost comfort and care during your surgery and recovery period. Partnering with Sunway Sanctuary, we offer tailored options to suit your needs.

Each of the options comes with Sunway Sanctuary **Executive Studio** and **3 meals daily** for 2 person.



**9 DAYS
8 NIGHTS**

Sunway Sanctuary Stay

*Optimize your rehabilitation process
in a comforting environment*

Only at
RM5,508
Inclusive SST

**14 DAYS
13 NIGHTS**

Sunway Sanctuary Stay

*Enjoy an extended period of
recovery in a serene setting*

Only at
RM8,950
Inclusive SST

**21 DAYS
20 NIGHTS**

Sunway Sanctuary Stay

*Indulge in a prolonged period of
recovery and rejuvenation*

Only at
RM13,150
Inclusive SST

Terms and Conditions

- Room is suitable for single or double occupancy (queen size bed).
- Twin bed arrangement is available for One Bedroom Deluxe or Premium Suite only.
- Room upgrade to One Bedroom Deluxe or Premium Suite is available at additional cost.
- Additional beds are available at RM180+ (RM193.80 nett) per bed per night inclusive breakfast.
- All payments made are strictly non-refundable.
- Tourism Tax (for foreigners) of RM 10 per room per night applies.
- Access to Swimming Pool and Gym only.
- Price inclusive of three (3) meals daily, but only dinner will be provided on the check-in day, and only breakfast will be provided on the check-out day.
- Dining and Room Service is available at additional cost.
- Valid until 30th April 2025.

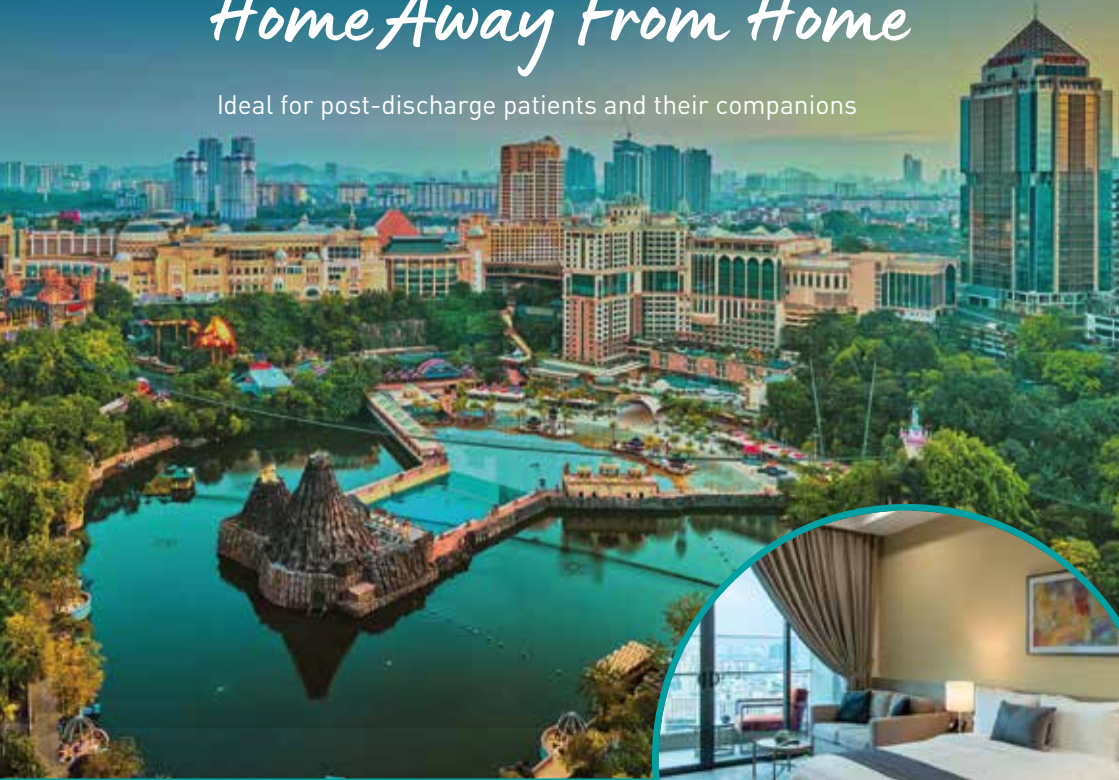


SCAN TO SIGN UP



"Home Away From Home"

Ideal for post-discharge patients and their companions



WHY STAY AT SUNWAY SANCTUARY?



Within Sunway
Medical Centre
compound



Wait for your doctor's
appointment in
comfort



Elegant Rooms
for your Stay



Guest Concierge Services at
your fingertips



Room Services
available



Daily Housekeeping
included



Less than 10 minutes
to Sunway Pyramid
via BRT



Daily Free Shuttle within
Sunway City



Walking distance
to "grocery"

CHECK-IN TIME 02:00 PM | CHECK-OUT TIME 12:00 PM