

Artificial Joint Replacement

- Relief from pain limitation
- A chance to improve mobility and feel better

Introduction of Joint Replacement Surgery in NTUH

Under what kind of conditions would a doctor
suggest
joint replacement surgery?

Caused by joint lesion that incurs aches, leading to joint malfunction. If the lesion can not be healed after taking medication or other treatments, it is then appropriate to consider an artificial joint replacement approach to improve quality of life.



➤ **Below are symptoms that can be considered for adopting joint replacement:**

- ① **Severe pain or deformity of joint(s)**
- ② **Aching phenomenon in articular cartilage**
- ③ **Lesion to joint(s) due to rheumatoid arthritis**
- ④ **Joint disease induced by osteoarthritis**
- ⑤ **Lesion to joint(s) from traumatic arthritis**

➤ **Purposes for adopting Artificial Joint Replacement :**

- ① Alleviate or eliminate joint aches**
- ② Increase the stability of joint motion**
- ③ Improve the range of joint motion**
- ④ Correct joint abnormality**
- ⑤ Prevent progressive destruction of joint(s)**

NTUH Joint Replacement Medical Team



Dr. Yang, Rong-Sen /Chief

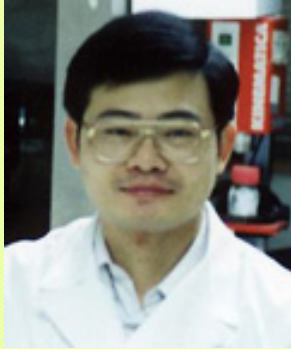
Specialties : Bone and soft tissue tumor/ malignancy,
Osteoporosis, Metabolic bone diseases
Spinal deformities, Degenerative spine



Dr. Jiang, Ching-Chuan

Specialties : Orthopedic medicine, sports medicine,
joint diseases, joint construction,
biomechanics, medical engineering

NTUH Joint Replacement Medical Team (cont.)



Dr. Sun, Jui-Sheng

Specialties : Arthroplasty, Orthopaedic infections, Rheumatic diseases, Immunological orthopedic diseases



Dr. Lin, Jinn

Specialties : Orthopaedic traumatology, arthroplasty, degenerative arthritis



Dr. Wang, Jyh-Horng

Specialties : Sports injuries, Internal derange of knee joint, Shoulder joint problems, Arthroscopic surgery, Arthritis, Arthroplasty

NTUH Joint Replacement Medical Team (cont.)



Dr. Chiang, Hong-Sen

Specialties : Orthopedic medicine, sports medicine



Dr. Yang, Shu-Hua

Specialties : Spinal deformities, degenerative spine,
Orthopedics



Dr. Wang, Ting-Ming

Specialties : Congenital orthopedic disease,
Pediatric fractures, Skeletal abnormally,
Scoliosis

NTUH Joint Replacement Medical Team (cont.)



Dr. Chang, Chih-Hao

Specialties : Hand and arm injury, microscopic surgery of musculoskeletal system, Limb replantation



Dr. Wang, Jen-Ti

Specialties : Arthroplasty, Orthopaedic infections, Rheumatic diseases, Immunological orthopedic diseases

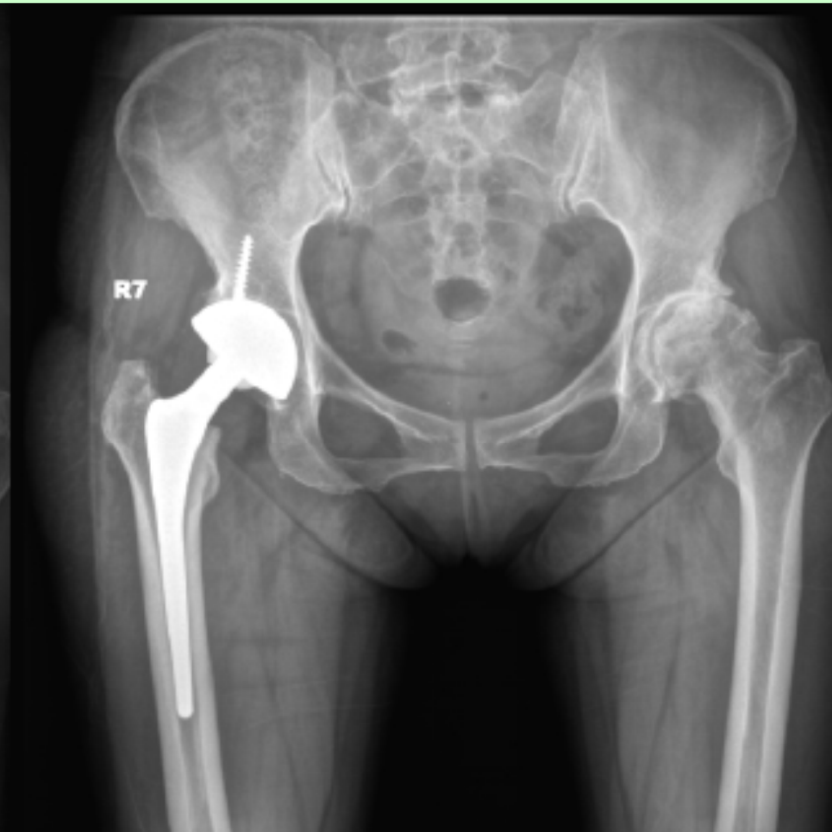


Dr. Hou, Chun-Han

Specialties : Bone and soft tissue tumor/ malignancy, Osteoporosis, Metabolic bone diseases

Accomplishments of NTUH Joint Replacement Team

- 1. Department of Orthopaedic Surgery of NTUH has more than 12 attending physicians who are qualified to perform joint replacement surgery with plenty of experience (about 1,000 cases per year).**
- 2. NTUH is the first hospital in Taiwan to have orthopedic physical therapists in wards and perform rehabilitation guidance after surgery at bedside for the patients to achieve best effects of rehabilitation.**
- 3. NTUH offers Taiwan's first fast recovery minimally invasive hip joint surgery. Patients can walk out of bed at the same day of surgery and in some cases, be discharged from the hospital the following day.**
- 4. In case of any complication occurred after surgery (such as vein depth clogging) , NTUH is able to take prompt treatments by expert interdisciplinary collaboration.**
- 5. NTUH orthopedic department has more than 20 years of experience performing such surgeries.**



- Patient can walk out of ward bed at the same day after surgery
- Ceramic Artificial Hip Joint
- Wound is about 5cm

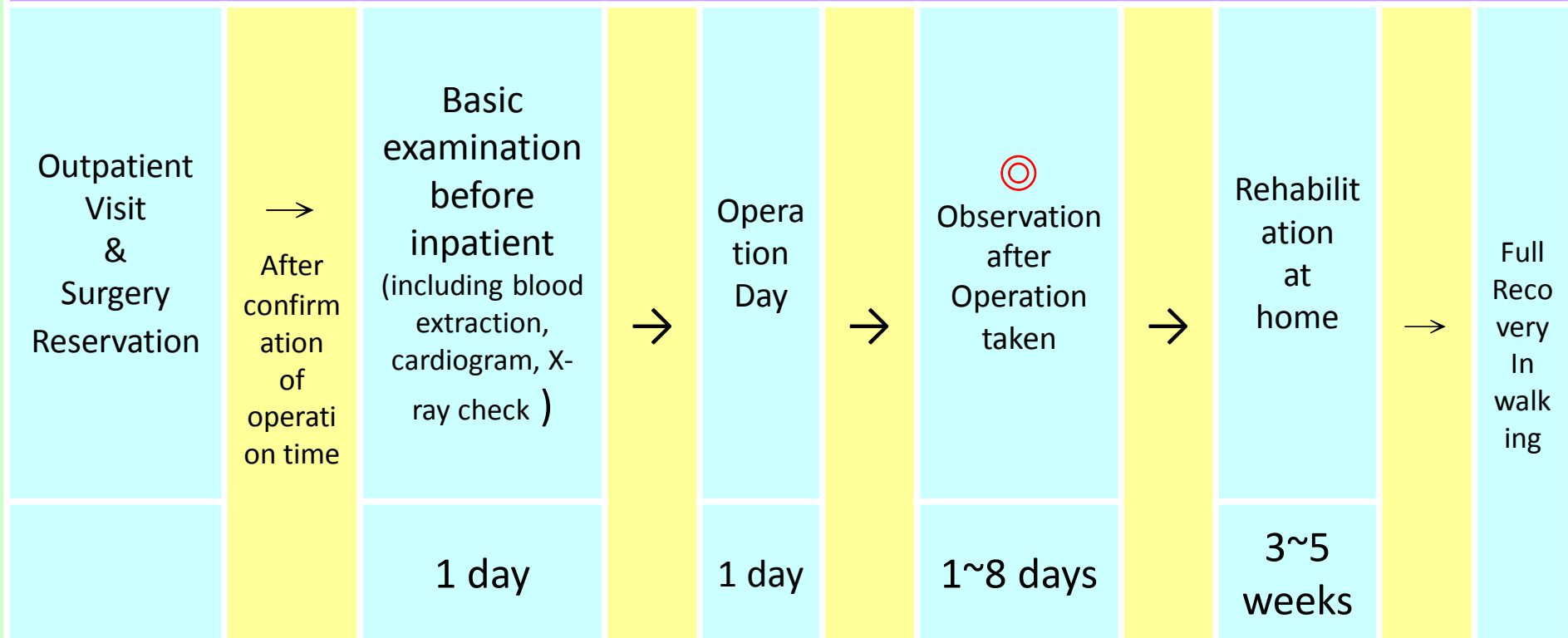




Patient can walk out of ward bed after minimal invasive knee joint surgery with knee bent over 90 degree by same day

Procedure for Joint Replacement Surgery

✕Reference procedure and day requirements for joint replacement surgery



✕Actual days required may vary with different conditions of the individual

◎Inpatient days after surgery may vary from 1 to 8 days depending on how well the rehabilitation goes

Costs for Joint Replacement Surgery

Joint Replacement Cost Reference Data

Procedure Name	Reference Price (NTD\$)	Reference Price (US\$)	Inpatient Days
Knee Joint Replacement (single sided)	350,000	11,000	5~8
Hip Joint Replacement (single sided)	350,000	11,000	3~8
Shoulder Joint Replacement (single sided)	350,000	11,000	5~8

Note 1: The above cost estimates is based on non-complicated cases which include doctor's visiting, nursing, operation, examination, inpatient, anesthesia, medication & material costs.

Note 2: This cost is an estimation before doctor's visiting. It may vary after doctor's evaluation.

Note 3: International outpatient visit and inpatient are all self-pay, Taiwan National Health Insurance is not accepted.

Hospitalization Procedure for International Patients

Inpatient Service Process:

Prepare detailed medical documents (medical records, medical tests and exam reports, or doctor's referral letter)



Provide above information to NTUH International Medical Service Center (hereinafter called as "IMSC") by email, fax or mail



After receiving adequate information, IMSC will forward the medical information to our specialist(s). Patient's information will be pre-evaluated by our specialist(s), and then determine the feasibility of hospitalization



If hospitalization is recommended



IMSC will inform the patient via telephone/ facsimile /e-mail with estimated costs, treatment process and duration of hospitalization



If hospitalization is determined



Please remit the amount of estimated medical fees to NTUH's assigned account



Remittance is received and confirmed



IMSC will contact you and confirm your arrival date and time, and other requirements if needed (accommodation, transportation, ambulance or translator)



Upon arrival at Taiwan, consultant service at the outpatient clinic by appointed time



Preparation of hospitalization



Hospitalization



Discharge



Outpatient visit for follow-up



Return home

☆ If overseas patients (all self-pay patients) have joint replacement requirements from NTUH, please contact IMSC at:

Tel : +886-2-2356-2900

E-mail : ntuhimsc@ntuh.gov.tw