

Plastic and Orthopaedic Reconstructive Surgery at the AMC (American Medical Centre) in Nicosia Cyprus. Reconstructive unit.

Plastic and Orthopaedic reconstructive surgery is a specialist service offered at the AMC. This is provided by two surgeons, **Mr Psaras George – Plastic Reconstructive surgeon and Mr Stelios Hadjichristofis Orthopaedic Reconstructive surgeon.** They also have an experience team around them of different specialities that they can help any time that their help is needed. – Anaesthesiologists, Specialist physicians, Cardiologist, Rheumatologist, Vascular surgeon, Urologist, General surgeons.

Surgeons who practice reconstructive orthopedics provide care in an effort to increase the patient's quality of life, as well as attempting to return the affected area of the body to full or near-full functionality. When providing care, reconstructive orthopedic surgeons may perform a wide range of operations. The overarching goal of reconstructive orthopedics is to restore functionality to affected limbs or areas.

Plastic Surgery - performing an array of cosmetic and reconstructive procedures, ranging from facial trauma reconstruction and extremity reconstruction to breast augmentation and deformity correction. Typically, a surgeon performs cosmetic and reconstructive procedures by utilizing minimally invasive techniques and the latest technology to carefully incise through muscles, cartilage, tissue, or tendons; however, it depends on the surgeon and the circumstances.

Surgeries Performed

Fracture Tibia-Fibula. Non-union, malposition, malunion -fibula, limb shortening, skin problems.

Complex bone surgery with osteotomy of Fibula, debridement and removal of the hypertrophic non union of the tibia, formation of new canal and intramedullary nail (Mr S. Hadjichristofis) + complex local flap and skin graft (Mr Psaras). Surgery was performed in state of the art theatres in AMC.

Postoperative care in a Rehabilitation center. Excellent outcome.

One year after Total Knee Replacement. Loosening, Unable to walk. ? Infection. Two stage procedure – Removal of implants, insertion of implants made of cement impregnated with antibiotics and at second stage - special revision implant that has the same specifications as primary. (Mr S. Hadjichristofis)

Severe varus knees. Corrective surgery with bilateral Total Knee Replacement with specialized reconstruction set and metallic wedges.

Severe deformity right and left knee

Destruction of the medial Tibial condyle. Right > Left

After surgery the legs are straight and longer

Implants with metal wedges at the site of the bone deformity.

A very difficult corrective procedure. Both knees were done at the same time. The following day she was walking. Eight months later he was running down stairs and she had a fall that sustained a fracture of the patella fortunately no need of surgery and she was fully ok after 4 to 5 weeks.

**61 yrs old with dysplastic acetabulum from young age with shorter right leg by 3.5 cm.
Congenital Dysplastic Acetabulum - Hip (CDH) since birth.**

Reconstructive surgery of the acetabulum and Total Hip Replacement.

44 years old from Middle East with Bilateral dysplastic hip(CDH) since birth. The right much shorter than the left.

Under the same anaesthetic was done reconstructive surgery on both hips. End result equal length lower limbs, no pain, no limp.

55 years old . Fell off bicycle. Severe fracture proximal Humerus and Humeral head. ORIF. Free of pain. Full range of movement within 8 weeks.

The fracture was stabilized with Locking plate and screws.

These fractures are quite common and the ones fixed had excellent results.

Mobility within a week very good; within 8 weeks excellent.

Severe Osteoarthritis I Carpo-Metacarpal joint. Fusion(Arthrodesis) of the CM joint gives full range of movement without pain and full strength.

Arthrodesis is achieved with plate and screws – Hand modular set and bone graft (Autograft).

Severe Osteoarthritis of the patellofemoral joint only. Arthroplasty ONLY of the patella-Femoral joint. 58 years old. Severe effusion unable to walk.

An extremely specialized set only for the patellofemoral joint.

10. 83 YEARS OLD LADY. Severe fracture Acetabulum with the femoral head protrusio. 10 months later unable to walk, bound on a wheelchair she was operated and she was walking without any pain for the following years.

Reconstruction of Acetabulum and Total Hip Replacement.

11. 62 years old with failed attempt of arthrodesis of the ankle. Reconstructive procedure with bone graft. Full fusion within two months.

Arthrodesis Ankle – Tibio-Talar joint.

12. 48 years old with Charcot joint, open wound, infected + osteomyelitis. Three stage procedure – Debridement, cleaning, Fusion of the ankle and subtalar joint.

She is walking on it for three years now.

13. Comminuted fracture proximal Femur with Total Hip Replacement.74 years old with right and left hip replacements

14. 57 years old. Severe Osteoarthritis after fracture of the acetabulum and Pelvis and fixation with plate and screws. Total Hip Replacement without removing the hardware.

Ο ασθενής ηλικίας μόλις 57 χρονών έπεσε από ύψος, περίπου πριν 18 μήνες και έπαθε σοβαρό κάταγμα της αριστερής κοτύλης. Έγινε οστεοσυνθεση στο Γενικό Νοσοκομείο Λευκωσίας και μετρά από σύντομο χρονικό διάστημα δημιουργήθηκε σοβαρή οστεοαρθρίτιδα με σοβαρό πόνο και περιορισμένη κινητικότητα. Με ειδική τεχνική που μας επέτρεψε να μην αφαιρέσουμε τα υλικά οστεοσυνθεσης έγινε Ολική Αρθροπλαστική Ισχίου και μέσα σε δυο μέρες περπατούσε χωρίς πόνο.

15. Reconstructive surgery of difficult fractures of Pelvis and Acetabulum

Patients could come out of bed the following day using walking aids. They could sit on a chair and comfortably move in bed.

16. Reconstructive surgery of difficult fractures

17. Severe Genu Valgus right knee. Non-correctable

Constraint knee implant.

18. Valgus deformity, correctable on examination. – PS primary knee implant.

19. Failed supracondylar fracture. Redo after 3 weeks.

20. Severe Fracture Pelvis – Acetabulum + Iliac wing – comminuted

21. Severe fracture acetabulum in osteoporotic old lady

22. Periprosthetic fracture left Femur.

