

# SUSSEX SHOULDER & ELBOW

05

## Total Shoulder Replacement

### What happens before surgery?

Once a decision has been made to proceed to surgery you will be contacted by staff at the hospital where you are going to have your procedure for a pre-operative assessment. This will either take place on the telephone or at the hospital if you have any medical problems that might require a more detailed assessment.

### What happens on the day of surgery?

You will be admitted to the ward or the day surgery unit, You will be admitted to the ward or the day surgery unit, usually on the morning of your surgery. You will be seen by the anaesthetist and by your surgeon. They will take you through the details of the anaesthetic, which usually includes a nerve block to help your pain, and through the details of the operation. You will be asked to sign a consent form and to complete a pre-operative shoulder score so that we can track your progress following surgery.

### What does the surgery involve?

The operation involves the replacement of your arthritic 'ball and socket' shoulder joint with a metal humeral head (the 'ball') and a plastic glenoid (the 'socket'). A tendon at the front of your shoulder has to be detached to allow access to the joint and the tight tissues around the joint are released to improve your range of movement. The tendon at the front of your shoulder is repaired at the end of the procedure.

### What happens after the operation?

You will wake up in the recovery unit where a nurse will be looking after you. Your arm will be in a sling and it will usually feel very heavy and numb as a result of the nerve block. The shoulder is usually quite comfortable but you will be given painkillers if you are in any pain. Once you have recovered from your anaesthetic you will be transferred back to the ward.

You will then be seen by a physiotherapist who will take you through how to apply and remove your sling safely and the initial exercises you should perform. Once you have recovered and are comfortable, usually the day after surgery, you will be sent home with painkillers and instructions about any stitches you have. You usually need to make an appointment with your practice nurse to have the stitches trimmed after 8 days. You will be sent an appointment to be seen in the clinic 2-3 weeks after your operation. A physiotherapy appointment, if required, will be arranged by the hospital.

### What exercises should I perform after the operation?

#### 1st 4 weeks:

You will need to wear your sling day and night for 4 weeks

Release the sling three times a day to perform your exercises:

- Active finger, wrist and elbow movements (no resisted biceps work)
- Scapular setting exercises
- Shoulder pendulum exercises for the first 4 weeks
- Gentle passive exercises with someone's help
- Active assisted exercises may start from week 3 under the supervision of a physiotherapist
- **No external rotation beyond neutral (forearm pointing forwards when elbow bent) for the first 3 weeks**
- **Avoid reaching your hand behind your back**

#### Cameron Hatrick

MA (Cantab), MB, BChir, FRCS (Tr&Orth)  
Consultant Orthopaedic Surgeon

#### Joideep Phadnis

FRCS (Tr&Orth), Dip Sports Med, MRCS, MBChB  
Consultant Orthopaedic Surgeon

These notes are intended as a guide and some of the details may vary depending on your individual circumstance and at the discretion of your surgeon.  
© Sussex Shoulder

## Total Shoulder Replacement

### Weeks 4 - 8:

- Wean yourself out of your polysling
- Continue active assisted exercises of the shoulder
- Gentle active flexion to start
- Gentle active external rotation to start
- Gentle stretching at end of range
- Gentle cuff strengthening exercises

### Week 8 onwards:

Start gradual rotator cuff strengthening exercises:

- Perform gentle capsule stretching exercises as directed
- Work on dynamic scapula control
- Start stretching the joint into full range including external rotation
- Start resisted exercises with a theraband to strengthen the rotator cuff
- Progress anterior deltoid strengthening (increase arc, add weights)
- Your physiotherapist will start proprioception exercises

### What is the usual recovery?

- 6 weeks: driving
- 8 weeks: swimming (breaststroke)
- 12 weeks: a good, but not full, range of movement
- 12 weeks: golf
- 16 weeks: racquet sports
- 6-9 months: full recovery. Pain, particularly at night, can persist until then

### Return to work: depends on occupation

- Home based sedentary work (e.g computer) from 2 weeks
- Sedentary work in an office from 4 weeks
- Light manual work from 8 weeks
- Heavy manual work from 12 weeks

### Are there any complications of surgery?

Fortunately complications after total shoulder replacement are relatively uncommon. They include:

- Infection: approx. 7 in 1000. Infection usually requires revision surgery over two stages, removal of the implants and clearance of the infection, antibiotics and then re-insertion of an implant 6-8 weeks later.
- Stiffness. Mild stiffness is common but occasionally a full frozen shoulder can develop (5%) which will prolong your recovery by a few months and may limit your mobility.
- Loosening: 6%. This is usually a gradual process and the dish part of the joint loosens more commonly than the ball part.
- Instability: 5%. This usually occurs gradually if your rotator cuff tendons fail over time but a shoulder can occasionally dislocate backwards or forwards.
- Fracture: 2%. If you fall there is a risk you may break the humerus adjacent to your replacement. Very occasionally a fracture can occur during surgery. This is usually addressed at the time.
- Rotator cuff tear: 1.5%. Over time your shoulder tendons (the rotator cuff) may gradually fail leading to some loss of function. Revision surgery is not often needed.
- Nerve injury: <1%. This may lead to weakness or numbness of your shoulder or arm.

### Cameron Hatrick

#### NHS Patients

Brighton NHS  
Tel: 01273 696955 ext 4258, Tara Kirk  
Lewes NHS  
Tel: 01273 474153 ask for Glynis Mockett

#### Private Patients

Direct Tel: 01273 828095 Angela Crosskey  
Montefiore Hospital Hove  
Tel: 01273 828120

### Joideep Phadnis

#### NHS Patients

Brighton NHS  
Tel: 01273 696955 ext 8258, Shirley Boyack

#### Private Patients

Direct Tel: 01273 828099, Allison Litynski  
Montefiore Hospital Hove  
Tel: 01273 828120

### We value your feedback

#### [myclinicaloutcomes.co.uk](http://myclinicaloutcomes.co.uk)

Don't forget to register on [myclinicaloutcomes.co.uk](http://myclinicaloutcomes.co.uk) before your surgery so that you can track the progress of your shoulder.

#### [iwantgreatcare.org](http://iwantgreatcare.org)

You are also welcome to provide feedback on [iwantgreatcare.org](http://iwantgreatcare.org) so that we can continue to improve the service we provide.