# Pectoralis Major tendon transfer for winging scapula

M.N. Naderi, MD

Fellowship in shoulder surgery & arthroscopy

E-mail: nasir.naderi@yahoo.com

#### **Indication**

- Winging scapula
  - following long thoracic nerve injury unresponsive to conservative treatment
  - In some cases of muscular dystrophy when the patient is unwilling to scapulothoracic fusion

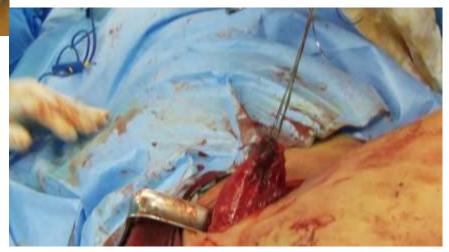
#### **Position of patient**

(lateral decubitus)



# Incision in deltopectoral and detaching of Pectoralis major tendon





### Harvesting of fascia lata





#### Preparation of harvested tendon

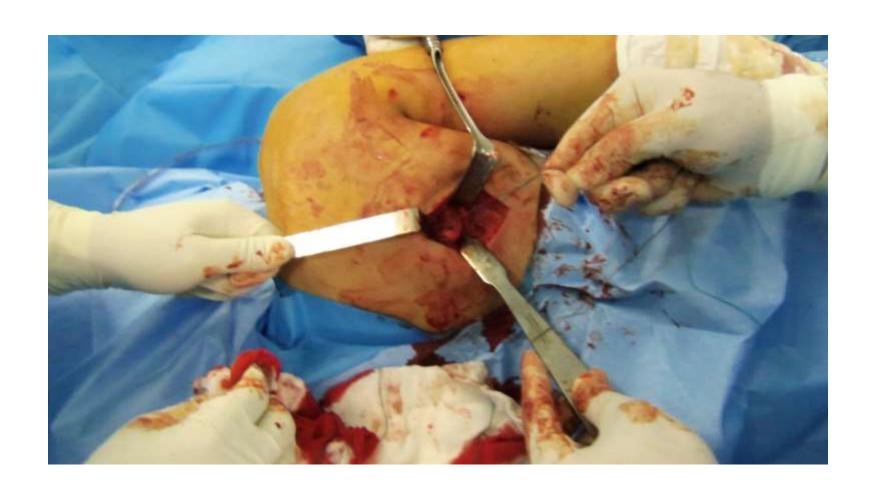


## Elongation of Pectoralis tendon by harvested tendon





#### Incision of inferior pole of scapula

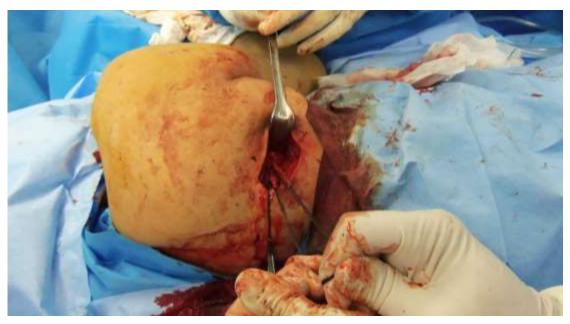


### Making a tunnel between inferior pole of Scapula and Pectoralis major tendon



# Passing of tendon through the tunnel and fixation to inferior pole of scapula

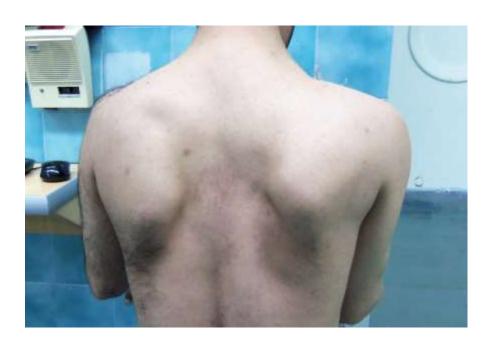




#### Post op

- Sling for 3- 4 weeks
- Physiotherapy after 4 weeks
  - Active assisted and then active ROM

#### **Pre-Surgery Photo of patient**





#### After 4 month



