**Enrollment**
- Assessed for eligibility
  - Listed for arthroscopic subacromial decompression surgery
  - Shoulder impingement syndrome or partial thickness rotator cuff tear
  - Male or female aged from 35 to 75 years

**Baseline Assessment**
- Consent
- Randomisation

**Allocation**
- Control Group
  - Arthroscopic subacromial decompression surgery + Tissue biopsy
- Experimental Group
  - Arthroscopic Subacromial Decompression surgery + Tissue biopsy + Platelet Rich Plasma injection

**Follow-Up**
- 6 weeks
  - Clinical assessment, PROMS
- 3 months
  - Clinical assessment, PROMS, + Tissue Biopsy & USS
- 6 months
  - Clinical assessment, PROMS, USS
- 12 months
  - PROMS

**Analysis**
- Analysed
  - Excluded from analysis (give reasons)
- Analysed
  - Excluded from analysis (give reasons)