

# Platelet-Rich Plasma (PRP) therapy started for the first time in Indian Railway at Central Hospital South Eastern Railway for the treatment of Sports Injury, Ligament & tendon injury, Dermatology & Plastic surgery and others



# The department of Spine, Pain and Palliative care at Central Hospital South Eastern Railway started using PRP therapy in a case of Partial supraspinatus tear at right shoulder joint



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|---------------------------------------------------|------------------------------------------|
| Patient Name                                      | Optional ID :                            |
| Age / Gender : 59 years / Male                    | Collection Time : 22/12/2021, 09:16 a.m. |
| Mobile No. : 9734352144                           | Receiving Time : 22/12/2021, 11:22 a.m.  |
| Patient ID : 126258                               | Reporting Time : 23/12/2021, 07:00 p.m.  |
| Bill ID : 145702                                  | Sample ID : 1021118482                   |
| Referral : SOUTH EASTERN RAILWAY CENTRAL HOSPITAL | Sample Type : MRI                        |

**MRI RIGHT SHOULDER JOINT**

**Imaging Protocol :** Multiplanar images of the Shoulder joint were obtained in T1, T2 and STIR sequences.

**Findings:**

The Acromio-clavicular joint appears normal. No obvious bony spur or irregularity of undersurface of acromion is noted.

Bursal surface partial thickness tear in supraspinatus tendon at attachment site. Muscle volume is normal.

Rest of the muscles / tendons of rotator cuff show no obvious intra-substance signal abnormality.

Mild effusion is noted in shoulder joint.  
Thickening and hyperintensity seen in sub-acromion and sub-deltoid bursa.  
Mild fluid seen in subcoracoid bursa.

T2 and STIR hyperintensity seen at rotator interval.

Biceps labral complex is normal.

The Humeral head and the visualised upper end of humerus show a normal marrow signal pattern. No focal marrow infiltration is noted.

No obvious abnormal mass lesion is noted in axillary region.

**IMPRESSION ::** MRI of Right shoulder joints shows ---

- Chronic partial thickness bursal surface tear of supraspinatus tendon.
- thickening and hyperintensity of joint capsular and increased rotator interval hyperintensity - suggesting adhesive capsulitis.
- Mild joint effusion

**\*\*END OF REPORT\*\***

