

Guidance document for processing PM-JAY packages

Fracture of head radius – Replacement with head radius prosthesis

Procedures covered: 1

Specialty: Orthopedics

Package Name	Procedure Name	HBP 2.0	HBP 2022	Package Price (INR)		
				Tier 3(Z)	Tier 2(Y)	Tier 1(X)
Fracture of head radius	Replacement with head radius prosthesis	New Package	SB077A	10000/-	11700/-	12500/-
				+ Cost of the implant/prosthesis		

ALOS: 3 days

Minimum qualification of the treating doctor:

Essential: Diploma in Orthopedics with 5 years of experience

Desirable: MS/DNB/or equivalent in Orthopedics

Special empanelment criteria/linkage to empanelment module: None

Disclaimer:

For monitoring and administering the claim management process of Fracture of head radius – Replacement with head radius prosthesis NHA shall be following these guidelines. This document has been prepared for guidance of PROCESSING TEAM and TRANSACTION MANAGEMENT SYSTEM of AB PM-JAY for the claims of procedures mentioned above. The hospitals can also refer to this document so that they have the insight on how the claims will be processed. However, this document doesn't provide any guidance on clinical and therapeutic management of patient. In that respect the hospitals and physicians may refer to any other relevant material as per the extant professional norms.

PART I: GUIDELINES FOR CLINICIANS AND HEALTHCARE PROVIDERS

1.1. Objective:

The purpose of this section is to act as a guidance & a clinical decision support tool for the clinicians in deciding the line of treatment, plan clinical management of patients and decide

referral of cases to the appropriate level of care (as required) for treatment of patient under PMJAY and selection of corresponding health benefit package.

It will also serve as a tool for hospitals to determine and submit the mandatory documents required for claiming reimbursement of health benefit package under PMJAY.

1.2 Clinical key pointers:

Radial head replacement is frequently used in treatment of radial head fractures or sequela.

Indication: Comminuted and displaced fracture of radial head

Diagnosis: X-ray can be used to confirm the diagnosis.

Management:

- Patient is positioned in a supine position. Usually, lateral approach is used for the procedure.
- Next step includes the careful resection of radial head and neck fragments. Then, trim the radial neck to fit the prosthesis.
- For replacement-medullary canal is opened to fit the prosthesis stem.
- Then the stem diameter is determined and reaming of the collar is done.
- Sizing of the prosthesis is done and prosthesis is checked for length and stability. In case of rupture of the annular ligament it is repaired.

1.3 Mandatory documents-For healthcare providers

Following documents should be uploaded by the concerned hospital staff at the time of pre-authorization and claim submission:

Mandatory Documents	Fracture head radius- Replacement with head radius prosthesis
i. At the time of pre-authorization	
a. Clinical notes with history, signs, symptoms, evaluation findings, indication for procedure.	Yes
b. X-ray labelled with patient ID, date and side (Left/Right)- confirming the diagnosis	Yes
ii. At the time of claim submission	
a. Post procedure imaging study (Xray)	Yes
b. Detailed procedure/operative note	Yes
c. Invoice/barcode of implant	Yes

PART II: GUIDELINES FOR PROCESSING TEAM

2.1 Objective: To provide guidance to the pre-authorization and claims processing team in ascertaining the medical necessity of procedure carried out vis a vis the patient's medical condition as evidenced by supporting documents/investigations reports etc., in deciding the admissibility and quantum of claims and compliance with mandatory documents by the hospital.

2.2 Following mandatory documents to be diligently reviewed by the pre-auth/claims processing personnel:

Mandatory documents	Fracture head radius- Replacement with head radius prosthesis
i. At the time of pre-authorization processing for pre authorization processing doctor (PPD)	
Were clinical notes with history, signs, symptoms, evaluation findings and indication for procedure submitted?	Yes
X-ray labelled with patient ID, date and side (Left/Right)- confirming the diagnosis submitted?	Yes
ii. At the time of claim submission- For claims processing doctor (CPD)	
Post procedure imaging study (Xray) submitted?	Yes
Detailed procedure/operative note submitted?	Yes
Was the invoice/barcode of implant submitted?	Yes

PART III: GUIDELINES FOR TRANSACTION MANAGEMENT SYSTEM (TMS)

3.1 Objective: To enable setting up of cross check mechanism/rule engines with the IT platform (TMS) to ensure compliance with STGs and to prevent fraud/abuse of the health benefit packages.

3.2 Below mentioned are the scenarios where a provision would be built in TMS for pop ups:

i. At the time of pre-authorization processing for pre authorization processing doctor (PPD)

1. Were the clinical notes and x-ray report submitted are indicative of procedure? Yes

ii. At the time of claim submission- For claims processing doctor (CPD)

1. Were the clinical notes and x-ray report submitted are indicative of procedure being done? Yes

Till the time the functionality is being developed, the processing doctor shall check the above manually

References:

1. Carità E, Donadelli A, Cugola L, Perazzini P. Radial head prosthesis: results overview. Musculoskelet Surg. 2017 Dec;101(Suppl 2):197-204.
2. N. Bonneville. Radial head replacement in adults with recent fractures, Orthopaedics & Traumatology: Surgery & Research, Volume 102, Issue 1, Supplement, 2016.
3. Marinelli A, Guerra E, Ritali A, Cavallo M, Rotini R. Radial head prosthesis: surgical tips and tricks. Musculoskelet Surg. 2017 Dec;101(Suppl 2):187-196.