Dept. Of Oral & Maxillofacial Surgery

Sarjug Dental College & Hospital

CLINICAL CASE REPORT FOR THE MONTH OF MAY 2026

A. Patient Profile:-

Name- PANKAJ SAH Age- 25 Sex- M Reg. no. -3892 Date:- 20-05-26

B. Chief Complaint:-

Pain, swelling, and difficulty in mastication following trauma to the lower jaw region.

C.**History of Present Illness:**

A male patient presented to the Department of Oral and Maxillofacial Surgery with a history of maxillofacial trauma due to RTA. The patient complained of severe pain in the anterior lower jaw and aggravated by mandibular movement, along with an inability to achieve normal occlusion.

Medical History- No known systemic illness and no known drug allergies.

D. Clinical Examination:-

Extra-oral Examination:

Diffuse swelling and tenderness noted over the symphysis region.
Restricted mouth opening due to pain and muscular guarding.
Step deformity palpable along the lower anterior region of the mandible.

Intra-oral Examination:

Dearanged occlusion.
Sublingual ecchymosis present in the anterior floor of the mouth.
Mobility of the mandibular segments detected upon bimanual palpation in #41 and #31 region.

E. Radiographic Examination:-OPG revealed A well-defined radiolucent fracture line is visible extending obliquely through the symphysis region of the mandibular body, running from the alveolar crest between the tooth #31 and tooth#41 go down to the inferior border of the mandible.

F. Diagnosis:-

Symphyseal Fracture of Mandible.

G**. Treatment Plan-**Open reduction and internal fixation for 4 to 6 weeks to allow conservative bone healing, paired with close radiological monitoring.

H. Surgical procedure – After IMF, fracture site was opened local anesthesia from lacerated wound and reduced in anatomical position 4hole & 2hole Titanium plate was placed. Hemostasis achieved, washed with saline and betadine, closure done in layer. Satisfactory occlusion achieved.

I. Post-operative management:-

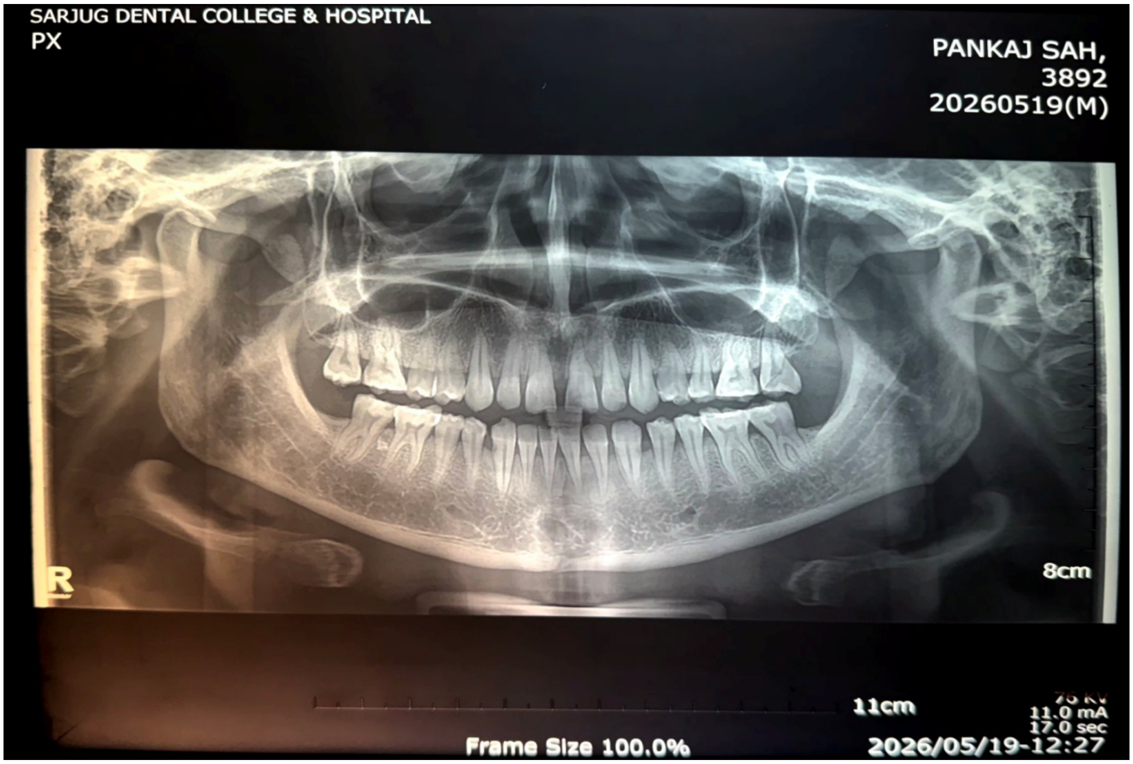
Strict liquid-to-soft diet for 4–6 weeks.
Maintenance of rigorous oral hygiene utilizing chlorhexidine mouth rinses.
Serial follow-up OPGs to monitor bony union and alignment

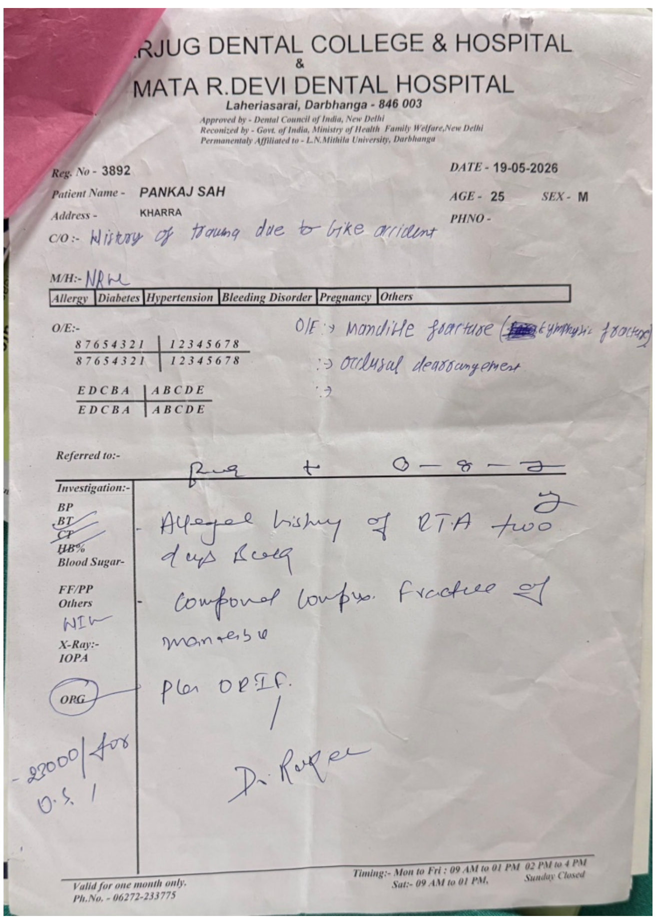
Prescription:-

1.Inj. Monocef SB1gm IV BD for 5 days
2.Inj.Dilona AQ IM BD for 5 days
3.Inj.Pan 40 IV OD for 5 days
4.Betadine Gargle oral rinse thrice daily

Follow-up:- after 7 days.

Done by
Dr Rakesh Kumar
Dr.Rumi Riya





RJUG DENTAL COLLEGE & HOSPITAL
&
MATA R.DEVI DENTAL HOSPITAL
Laheriasarai, Darbhanga - 846 003
Approved by - Dental Council of India, New Delhi
Reconized by - Govt. of India, Ministry of Health Family Welfare,New Delhi
Permanentaly Affiliated to - L.N.Mithila University, Darbhanga

Reg. No - 3892 DATE - 19-05-2026
Patient Name - PANKAJ SAH AGE - 25 SEX - M
Address - KHARRA PHNO -
C/O :- History of trauma due to bike accident

M/H:- NRM

Allergy	Diabetes	Hypertension	Bleeding Disorder	Pregnancy	Others

O/E:-

8 7 6 5 4 3 2 1	1 2 3 4 5 6 7 8
8 7 6 5 4 3 2 1	1 2 3 4 5 6 7 8

E D C B A	A B C D E
E D C B A	A B C D E

O/E :→ mandible fracture ([illegible] symphysis fracture)
:→ occlusal dearrangement
:→

Referred to:- Rug + O-8-7

Investigation:-
BP
~~BT~~
~~CT~~
~~HB%~~
Blood Sugar-
FF/PP
Others
WIN
X-Ray:-
IOPA
OPG

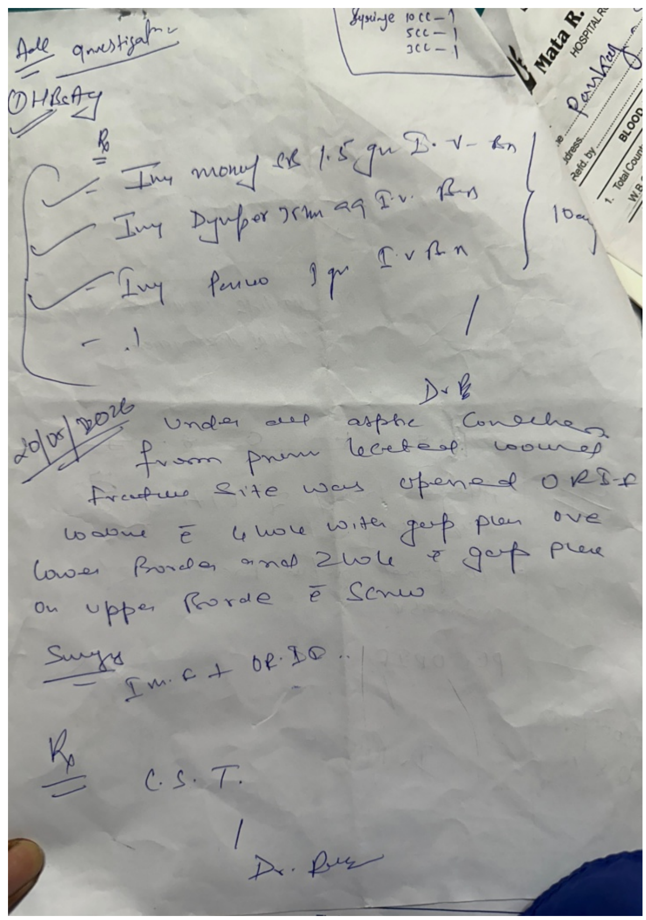
- Alleged history of RTA two days back
- Compound corpus fracture of mandible

Plan ORIF.

Dr. Rupesh

- 23000/ for O.S. /

Valid for one month only.
Ph.No. - 06272-233775
Timing:- Mon to Fri : 09 AM to 01 PM 02 PM to 4 PM Sunday Closed
Sat:- 09 AM to 01 PM.



Add investigation
① HBsAg

Syringe 10cc – 1
5cc – 1
3cc – 1

Rx
- Inj monocef 1.5 gm I.V. BD
- Inj Dynaper 75mg aq I.V. BD
- Inj Pan 40 1gm I.V BD
- .. /

} 10 days

Dr. R

20/05/2026 Under all aseptic condition from previously located wound fracture site was opened ORIF done with 4 hole with gap plate over lower border and 2 hole with gap plate on upper border with screw

Surgery
IMF + ORIF

Rx
C.S.T.

/
Dr. Rupesh

Mata R.
HOSPITAL
Address
Refd. by
BLOOD
1. Total Count
W.B.

AN ISO : 9001:2015 CERTIFIED RADIOLOGY CENTRE

JANKI C.T. Scan & Radiology Centre Pvt. Ltd.

An Advance Centre For C.T. Scan, 4D Colour Dopplar Ultrasound & Echo Cardiography

Beside R. B. Memorial, Infront of Petrol Pump, V.I.P. Road, Benta, Laheriasarai, Darbhanga (Bihar)

Report

Name . PANKAJ SAH	Age. 28 Year/Sex. MALE
Refd. By. SELF.	Date. 18/05/2026
Patient's Id. 246701	

NCCT FACE

Fracture of body of mandible seen in midline in symphysis menti region.

Maxilla appears normal.
Pterygoid bones appears normal.
Paranasal sinus and nasal cavity appears normal.
Both maxillary / frontal / ethmoid and sphenoid sinus appear normal.
Both OM complex are intact.
Nasal cavity and inferior turbinates appear normal.
Bones forming PNS appear normal.
Visualized nasal sinuses are clear.
Mastoid bones are well pnematized.
No obvious DNS seen.
No evidence of bony expansion nor thinning of septa.
Visualised part of either orbit and its content appear normal.
Bilateral TM joints space appears normal.

IMPRESSION:

****Fracture of body of mandible seen in midline in symphysis menti region.***

****Otherwise NCCT face normal.***

Dr. ABHISHEK KUMAR
MD RADIO-DIAGNOSIS
CONSULTANT RADIOLOGIST

- This is only a professional opinion & not the diagnosis, it should be correlated clinically & with other relevant investigations.
- Report is not valid for medico-legal purpose.
- Owing to technical limitations, in case of any error either technical or clerical, the doctor can not be held

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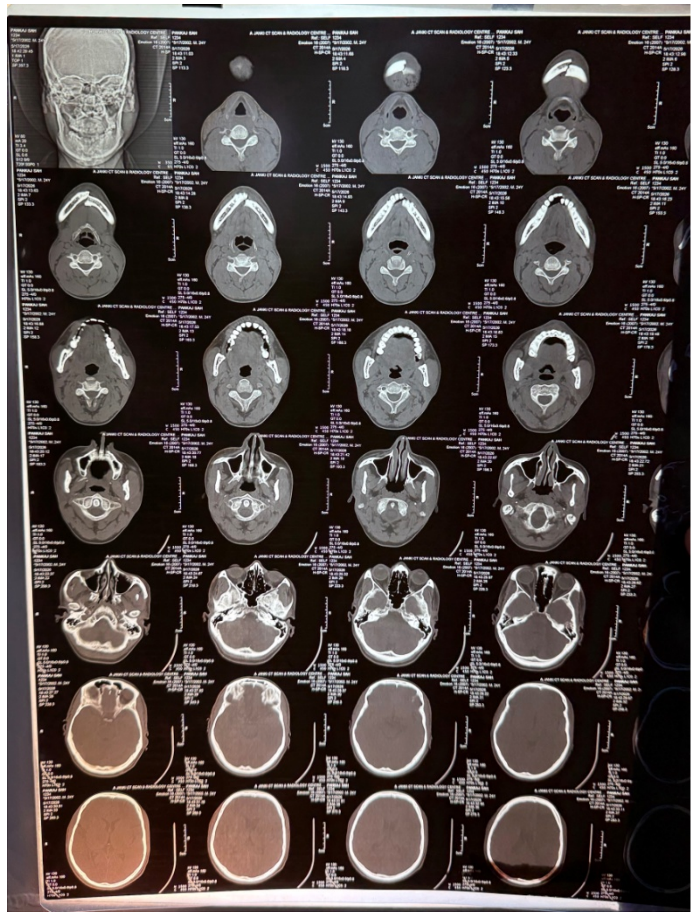
आर० बी० मेमोरियल के बगल में, पेट्रोल पम्प के सामने, भी० आई० पी० रोड, बेंता, लहेरियासराय, दरभंगा (बिहार)




Spreading
Mighty
Smiles
Enzoflam