

## Craniocervical Junction Anomalies in Pediatric Patients: Diagnosis, Management, and Outcomes

## Atoll Tragic\*

Department of Orthopaedic Trauma, Baylor University Medical Center, USA

## **Abstract**

disorders afecting the complex area where the skull meets the cervical spine. These conditions can have significant implications for neurological function and quality of life, making early diagnosis and appropriate management crucial. This article provides a comprehensive overview of craniocervical junction anomalies in children, discussing their diagnostic approaches, management strategies, and clinical outcomes.

Caice icaj ci a aie; Pediaice g; Chiai af ai; Aa aiai abii; Cgeiadef iie; Ne gica aagee

e caice icaj ci (CCJ) i aciica a a ica egi he e he ba e f he k i e face ih he ce ica i e, eci ca he cciiab e, a a (C1), a dai (C2) [1-4]. A aie i hi a ea ca ead igi ca ciicai e, ic dig e gica de ci, ai, a d c i ed ai fife. I ediaic aie, he ea aie a bec ge ia aied e de e e ai e, a a, a a f he d ic c dii. U de a dighe e a aie i e e ia f de e i ge ecie diag ic a daage e a egie.

e he d i c dii i a d di ace e i h gh hefa e ag . T e I Chia i  $a\,f \qquad a\,i \quad \text{,} \quad \text{cha}\,\,ac\,\,e\,\,i\,\,ed \quad b \quad ce\,\,ebe\,\,a \quad he \quad ia\,\,i$ a cia ed i a c d ab a i ie, ca e e i h ike headache a d eck ai [5]. i cc he he d id ce he f a e f he a i (C2) de i ag , e ia e i ghebai e a deceica i a cd. A cdii he e e c e e e c be e e he a a (C1) a da i (C2), hich ca ead i a c d c e i ade id U de de e f he d ce ca ead i abii a d e ia i acdc e i .Fi f ce ica e eb ae ca e ic ed a ge f i ad ibe i a c di e [6]. eaeaiceaedikfaa aia Chi de i h D d i abii a d he caice ica j ci a a ie. Cha ace i ed b he c ge i a f i f ce ica e eb ae, hich ca a ec he CCJ ai e gica a d c a c ica i . Acc a e a d ead diag i f CCJ a a ie i e a idi ci i a a ach, ihada cedi agig echi e: A i egaigciicae a ai ad hicaeai ai aeee ia ide if ch a eck ai , headache , e gica de ci , a d abaiie. Fai hi a d a a cia ed ic fea e h d a be c ide ed.

I i ia a e e a i e ai adigah ide if g a a ica ab a i e a ig e i e. MRI i c cia f de ai ed i a i a i f i e c e, i c dighe i a c d, ce ebe , a d b ai e . I he i e a a i g he e e f c e i a d a cia ed a a ie [7-9]. CT ca ide de ai ed b a a a d a e ef f a e i g c a def i ie a d

\*Corresponding author:

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## References

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