

Manuscript Title

Surgical Management of a Giant Compound Odontoma with 52 Denticles and Impacted Canine in the Maxilla of a Non-syndromic Child: A Case Report

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Summary

The manuscript was received on February 15, 2021 and was peer reviewed by three reviewers and an editor.

The initial recommendation of Major Revision was made on March 21, 2021.

The first revision was submitted on March 27, 2021 and was re-evaluated by the editor and two reviewers.

A second recommendation of Accept pending Minor Revision was made on April 27, 2021.

The second revision was submitted on May 24, 2021 and was re-evaluated by the editor and reviewers.

The manuscript was accepted for publication on May 26, 2021.

Peer Review Comments (first round)

Reviewer 1

I believe it would be more correct to give priority to the panoramic image since the cbct will be taken after the panoramic image in the figures section.

Panoramic radiography should be fully presented in figure 4.

The complications of ST include delayed or failure of eruption of permanent teeth, malocclusion, and ectopic eruption. When ST is in close proximity to permanent teeth, in some cases, loss of vitality and abnormal dental development have been reported. The diagnosis of ST is made during routine radiographic examination and mostly as an incidental finding. Majority of the ST remains innocuous in the primary dentition, and in some cases, throughout the life period. The severity of ST depends on its proximity to the normal set of dentition, anatomical structures, and complexity including the form and number.³ Genetic predisposition has been attributed as main reason for formation of ST with higher prevalence in Chinese ethnic populations.⁴ ST has been associated with several syndromes including Cleidocranial dysplasia, Gardner's syndrome, Ehler Danlos syndrome, Crouzon's syndrome, Down syndrome, and Ectodermal dysplasia. ⁵ ST most commonly occurs as a single entity; however, presence of multiple ST has been reported. ⁶

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<https://doi.org/10.1111/jicd.12377>

You should cite these articles in this paragraph.

References: I am not sure if the reference 10 is accurate and references should be current studies covering the last five years.

Limitations: This is very short term follow up of the above mentioned case report. Although interesting it would be more informative to reflect long term results. For example, what was the prognosis of teeth #6, #11, #12?

Discussion: The discussion section was written as a case report continuation, but no comparison was made with other studies. Discussion can be broadened with the same type of cases that been reported previously. My recommendation is to include similar cases in the literature and to revise the discussion section in order to make a comparison in this way.

Presentation: Could the continuation planning for number 6 be postponed to follow-up spontaneous eruption since the patient was only 10 years old?

Can you explain the reason for choosing Chromic gut sutures?

More information about extraction of surnumer teeth can be included.

For all tooth-like structures removed, the term 'complex odontoma' can be used instead of the term 'surnumerer tooth'.

Reviewer 2

Abstract keywords: should be revised. Only select the most appropriate and relevant only

Introduction part: line 12, 13, 31 and 32 the statement in the text requires the author to add on the references and cited other publications for scientific proof. Sentences line 22 and 23 need some revision and rephrase.

Figure no 1-4 was not stated in the manuscript. Thus should be included in the text depends on the statement.

Dental charting and identification used must be standard and well understood internationally. Thus the way of dental charting presentation should be change in order to ensure other people can identify the tooth number and locations.

Too many figure (14) for this manuscript....Authors are advise to compile the photo based on the procedures.

The investigation in the case report should be explained in details.

The mechanic used for the orthodontic traction of impacted tooth was not discuss in details. The author engaged the chain intraorally to deciduous canine which is more small compared to permanent canine thus seem no proper planning done prior to the traction in orthodontic aspect.

Discussion can be expanded and cited the others published article in management of the same situation (supernumerary tooth) and compared the current management with others/previous management. Authors did not mentions any special management (if available) and different compared to others previous management for this issues.

Reviewer 3

Page 1, Line 13 – Abstract –

Supernumerary tooth (ST) presents in different forms, shape, and numbers and the treatment usually involves surgical removal to avoid further complications to the dentition.

Please rephrase this sentence.

Page 1, Line 14 – This study -> case report

Page 1, Line 22 – Keywords - Please refer to MeSH keywords

Page 2, Line 6 – *The majority of ST...* Please add reference.

Page 2, Line 7 - *Amongst them, 80% are single tooth.....* You need to include more studies to confirm the statement

Page 2, Line 12-13 - *When ST is in close proximity to permanent.....* Please add reference

Discussion

Page 4, Line 11-12 - *According to the literature, single ST occurs in 76% to 86% of cases, and double ST occurs in 18% to 27% of cases* Please add reference.

Page 5, Line 1 - What do you mean by uneventful? Please rephrase.

Reference 10 – Please refer to the author guidelines.

The authors should use updated references in the introduction.

The abstract should be written according to the journal guidelines.

Peer Review Comments (second round)

Reviewer 1

I can see a lot of improvement in this article. Just one thing which I would like to comment regarding the identification of the tooth. It's better to use the standard identification so that it can be recognised in all the countries. The use of the tooth identification was not familiar to me thus I advise the authors to change to the standard and well-known tooth identifications. Dental charting and identification used must be standard and well understood internationally.

The traction of the premolar require further explanation and it seems not well planned by the clinician....I think a further detail on this part should be described in the manuscript.

Reviewer 2

Figure legends: In Figure 14, chromic suture expression should be replaced by Vicryl suture. Similarly, this should be corrected in the case report section.

Discussion: I think the discussion should be further expanded with similar cases.