

### Review Form 3

Journal Name:	<a href="#">International Journal of Research and Reports in Dentistry</a>
Manuscript Number:	Ms_IJRRD_127905
Title of the Manuscript:	Oral consideration with Mosaic Turner Syndrome -a case report
Type of the Article	Case report

#### **PART 1: Comments**

	Reviewer's comment	Author's Feedback <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
<b>Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimum of 3-4 sentences may be required for this part.</b>		
<b>Is the title of the article suitable? (If not please suggest an alternative title)</b>		
<b>Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here.</b>		
<b>Is the manuscript scientifically, correct? Please write here.</b>		
<b>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</b>		

**Review Form 3**

<p><b>Is the language/English quality of the article suitable for scholarly communications?</b></p>		
<p><b><u>Optional/General</u></b> comments</p>	<ol style="list-style-type: none"><li>1) Dental caries can result from poor oral hygiene and should not be generalized as part of the spectrum of dental abnormalities in Mosaic Turner Syndrome without robust evidence.</li><li>2) The title emphasizes oral findings, yet the abstract and introduction fail to align with this focus. The introduction needs restructuring to highlight oral considerations as the main crux of the manuscript.</li><li>3) The statement, "<i>There is complete or partial absence of one of the two sex chromosomes, resulting in a genetic constellation of 45,X monosomy or 45,X/46,XX mosaic, respectively</i>" is scientifically incorrect. Partial absence of an X chromosome does not constitute mosaicism. Authors should revisit the definition of mosaicism and revise the statement</li><li>4) The manuscript should describe the phenotypic spectrum of Turner Syndrome in a structured manner across different age groups. Clubbing all findings together compromises the clarity and scientific rigor.</li><li>5) The statement, "<i>A 13-year-old girl reported to our department with a chief complaint of decayed teeth in the upper front and back region</i>" is vague. The manuscript should specify which teeth or dental segments are involved to ensure clarity</li><li>6) Microstomia is incorrectly listed as an intraoral finding. It is primarily an extraoral or craniofacial feature and should be classified accordingly.</li><li>7) To accurately document short stature, the authors should provide the Z-score based on the IAP growth chart. Reporting height alone does not sufficiently convey the degree of stunting.</li><li>8) The karyotype nomenclature in the results section is incorrect. The authors must specify:</li></ol>	

**Review Form 3**

	<ul style="list-style-type: none"> <li>○ The total number of metaphases analyzed.</li> <li>○ The number of metaphases with normal sex chromosomes.</li> <li>○ The number of metaphases with abnormalities.</li> </ul> <p>9) The authors state that a renogram was performed, yet the rationale is unclear. If the aim was to assess kidney function, this should be explicitly stated. Otherwise, for identifying renal agenesis, an ultrasound is sufficient.</p> <p>10 ) The manuscript lacks a detailed discussion of oral findings. The authors should elaborate on:</p> <ul style="list-style-type: none"> <li>○ Types of oral manifestations observed in Turner Syndrome.</li> <li>○ Their incidence and clinical relevance.</li> <li>○ Management strategies.</li> <li>○ Recommendations for surveillance in such patients.</li> </ul> <p>10) The conclusion is too general and does not reflect the main findings of the study. It should succinctly summarize the key findings and provide actionable recommendations related to oral health in patients with Mosaic Turner Syndrome.</p>	
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**PART 2:**

	Reviewer's comment	Author's comment <i>(if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
Are there ethical issues in this manuscript?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

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