



**PEER-REVIEW REPORT**

**Name of journal:** World Journal of Clinical Cases

**Manuscript NO:** 51170

**Title:** Multisystem Smooth Muscle Dysfunction Syndrome in China: A Case Report and Review of Literature

**Reviewer’s code:** 00731613

**Position:** Editorial Board

**Academic degree:** MD, PhD

**Professional title:** Associate Professor

**Reviewer’s country:** India

**Author’s country:** China

**Reviewer chosen by:** Artificial Intelligence Technique

**Reviewer accepted review:** 2019-09-10 17:28

**Reviewer performed review:** 2019-09-25 17:54

**Review time:** 15 Days

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	<input type="checkbox"/> Accept	Peer-Review:
<input type="checkbox"/> Grade B: Very good	<input type="checkbox"/> Grade B: Minor language	(High priority)	<input type="checkbox"/> Anonymous
<input type="checkbox"/> Grade C: Good	polishing	<input type="checkbox"/> Accept	<input type="checkbox"/> Onymous
<input checked="" type="checkbox"/> Grade D: Fair	<input checked="" type="checkbox"/> Grade C: A great deal of	(General priority)	Peer-reviewer’s expertise on the
<input type="checkbox"/> Grade E: Do not	language polishing	<input checked="" type="checkbox"/> Minor revision	topic of the manuscript:
publish	<input type="checkbox"/> Grade D: Rejection	<input type="checkbox"/> Major revision	<input type="checkbox"/> Advanced
		<input type="checkbox"/> Rejection	<input checked="" type="checkbox"/> General
			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input checked="" type="checkbox"/> No

**SPECIFIC COMMENTS TO AUTHORS**



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In description of the case report, it is advisable to write the case presentation in paragraph form for continuity of the manuscript. Clinical images can be added. Discussion can be altered to focus on the differences/ novelty of this case presentation compared with the previous documented cases. Discuss the long term consequences of the condition and the management if any, for the same

#### **INITIAL REVIEW OF THE MANUSCRIPT**

##### ***Google Search:***

- The same title
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- Plagiarism
- No

##### ***BPG Search:***

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- Duplicate publication
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**PEER-REVIEW REPORT**

**Name of journal:** World Journal of Clinical Cases

**Manuscript NO:** 51170

**Title:** Multisystem Smooth Muscle Dysfunction Syndrome in China: A Case Report and Review of Literature

**Reviewer’s code:** 02461118

**Position:** Editorial Board

**Academic degree:** PhD

**Professional title:** Associate Professor

**Reviewer’s country:** United States

**Author’s country:** China

**Reviewer chosen by:** Ying Dou

**Reviewer accepted review:** 2019-10-14 01:55

**Reviewer performed review:** 2019-10-23 23:33

**Review time:** 9 Days and 21 Hours

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	<input type="checkbox"/> Accept	Peer-Review:
<input checked="" type="checkbox"/> Grade B: Very good	<input checked="" type="checkbox"/> Grade B: Minor language	(High priority)	<input checked="" type="checkbox"/> Anonymous
<input type="checkbox"/> Grade C: Good	polishing	<input type="checkbox"/> Accept	<input type="checkbox"/> Onymous
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<input type="checkbox"/> Grade E: Do not	language polishing	<input type="checkbox"/> Minor revision	topic of the manuscript:
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		<input type="checkbox"/> Rejection	<input type="checkbox"/> General
			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input checked="" type="checkbox"/> No

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This study reports a case of a Chinese girl with MSMDs, which is based on her symptoms and DNA sequence analysis of an ACTA2 gene mutation (p.R179H). The authors found this mutation is heterozygous and an independent de novo event from her parents. They also summarize the systemic symptoms of previously reported MSMDA patients in Table 1. Comments 1. Sequencing of the patient's and parent's DNAs shows the mutation is heterozygous in ACTA2 c.536G>A (p.R179H) and an independent de novo event in the patient in Fig. 6. ACTA2 is located on the minus strand of chromosome 10. Thus the DNA sequence shown in the figure is complementary to the gene: 536C>T. This information should be provided in the figure legend. 2. The patient has two copies of the gene with 536G (normal: 179R) and 536A (mutation: 179H). It is very important to check if the mutated copy of the gene is expressed. If so, how much is the mutant copy expressed compared to the normal wild type? The heterozygous mutation in the gene does not mean the mutant protein will be produced. Two copies (alleles) of genes are not always expressed equally: each allele can be dominant or recessive. A ratio of mutated and wild type mRNAs can be obtained by PCR, cloning of PCR products and sequencing of clones. 3. The previous findings of the disease are summarized well in Table 1. This table should, however also include the current case findings of this study and discuss how similar or different they are from the previous findings.

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No