

## ESPS PEER REVIEW REPORT

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

**ESPS manuscript NO:** 11862

**Title:** Sweet Syndrome and differentiation syndrome in a patient with acute promyelocytic leukemia.,

**Reviewer code:** 02512574

**Science editor:** Ling-Ling Wen

**Date sent for review:** 2014-06-10 10:54

**Date reviewed:** 2014-07-03 09:13

CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	CONCLUSION
<input type="checkbox"/> Grade A: Excellent	<input checked="" type="checkbox"/> Grade A: Priority publishing	Google Search:	<input type="checkbox"/> Accept
<input type="checkbox"/> Grade B: Very good	<input type="checkbox"/> Grade B: Minor language polishing	<input type="checkbox"/> Existing	<input type="checkbox"/> High priority for publication
<input checked="" type="checkbox"/> Grade C: Good	<input type="checkbox"/> Grade C: A great deal of language polishing	<input type="checkbox"/> No records	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade D: Rejected	BPG Search:	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E: Poor		<input type="checkbox"/> Existing	<input type="checkbox"/> Major revision
		<input type="checkbox"/> No records	

## COMMENTS TO AUTHORS

The case is interesting, but can be improved on several fronts. Specific suggestions follow: A little more background about his APML would be nice. In 2-3 sentences mention his presentation, the blood/marrow findings and the molecular/cytogenetic confirmatory result. Did he have any features of DIC? Mention any weight gain, renal dysfunction or rise in TLC at the time of onset of the complications. Disappearance of the PML-RARa by day +29 is highly unusual. Please document the modality by which this mutation was looked for. Also provide briefly the morphological status of the bone marrow aspirate. The discussion is inadequate. It is insufficient to speculate on a connection just because of, "common features such as fever, infiltration of neutrophils and improvement with steroid therapy" as all of these are rather non-specific. The authors must introduce a full new paragraph discussing a shared pathogenesis, deliberating on possible mechanisms, if they want the reader to buy into their hypothesis. Do the prior 2 reports have any clues? In reference 5 it appears that the events were not synchronous but metachronous. Figure 2: I am afraid I cannot really appreciate the neutrophils at the magnification provided. Please add an inset with a higher (maybe oil immersion) magnification photograph of the same.

## ESPS PEER REVIEW REPORT

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

**ESPS manuscript NO:** 11862

**Title:** Sweet Syndrome and differentiation syndrome in a patient with acute promyelocytic leukemia.,

**Reviewer code:** 02446642

**Science editor:** Ling-Ling Wen

**Date sent for review:** 2014-06-10 10:54

**Date reviewed:** 2014-07-17 00:06

CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	CONCLUSION
<input type="checkbox"/> Grade A: Excellent	<input checked="" type="checkbox"/> Grade A: Priority publishing	Google Search:	<input checked="" type="checkbox"/> Accept
<input checked="" type="checkbox"/> Grade B: Very good	<input type="checkbox"/> Grade B: Minor language polishing	<input type="checkbox"/> Existing	<input type="checkbox"/> High priority for publication
<input type="checkbox"/> Grade C: Good	<input type="checkbox"/> Grade C: A great deal of language polishing	<input type="checkbox"/> No records	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade D: Rejected	BPG Search:	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E: Poor		<input type="checkbox"/> Existing	<input type="checkbox"/> Major revision
		<input type="checkbox"/> No records	

## COMMENTS TO AUTHORS

In the submitted manuscript the authors described a rare disorder – a drug-induced sweet syndrome (SS) associated with All-Trans Retinoic Acid (ATRA) therapy for a patient with acute promyelocytic leukemia (APL). The association of sweet syndrome and ATRA-induced differentiation syndrome is rarely observed in APL. The case in this report is well-described, along with relevant lab results. Although differentiation syndrome and sweet syndrome could be part of the same disease spectrum, due to the rarity of sweet syndrome, it is important for the clinician to recognize this syndrome. Thus, this manuscript is of value in emphasizing the importance of considering skin sweet syndrome associated with differentiation syndrome as a differential diagnosis in patients with APL. Thus, this manuscript is suitable for publication in World Journal of Clinical Cases.