



SDI Review Form 1.6

Journal Name:	Journal of Advances in Medical and Pharmaceutical Sciences
Manuscript Number:	Ms_JAMPS_37119
Title of the Manuscript:	Studies on a Hydrophilic Cellulose Matrix derived from Ipomoea batatas Tubers III: Application as a Disintegrant in Paracetamol Tablet Formulation
Type of the Article	Original Research Article

General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound. To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)

PART 1: Review Comments

	Reviewer's comment	Author's comment (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)
Compulsory REVISION comments	- Some sentences need to be changed for example in abstarct: "The tablets prepared with either IH or MS disintegrated in less than 15 min with those containing MS disintegrating in lesser time (P= 0.000)." – what is the main idea. In conclusion: "The general results of the tablet properties indicated that <i>I-hydrocel</i> compared favourably with maize starch and could serve as a veritable substitute to maize starch" – The results did not confirm that (the results look similar). - In Introduction a few more sentences should be given in addition to the last part of introduction (why did you decide to use this disintegrant?). - In Methods: A few sentences (3-4) should be added I part "Preparation of a novel hydrophilic cellulose matrix". - Table with the composition of the granules and tablets is needed in this work – it would be easier to see it than searching in the text. - In results – "However, for each corresponding concentration of disintegrants, the tablets prepared with MS disintegrated in lesser time than those containing IH" – are you sure that you have statistical differences in this parameter? - The dissolution profiles (Figure 1) look similar for all batches or even better for MS after 20 minutes.	- The comments raised by the reviewer were adhered to and have been improved. <i>I-hydrocel</i> is a novel polymer developed by the authors. It has been applied as a filler-disintegrant in piroxicam orally dispersible tablets, the galley proof of its manuscript is currently being tidied up with the Sciencedomain. It became necessary to evaluate it's property as a disintegrant. Maize starch has been in use and is a natural product. It was necessary to use a natural product to compare a natural product. - The comments have been taken care of. - A table (Table 1) has been included to show the percentage composition of the granules. - The outcome of the statistical analysis has been harnessed. - The dissolution test was repeated in phosphate buffer (pH 5.8) for a duration of 30 min.
Minor REVISION comments		
Optional/General comments		