

Review Form 1.7

Journal Name:	Journal of Pharmaceutical Research International
Manuscript Number:	Ms_JPRI_98770
Title of the Manuscript:	Ensuring Safe and Effective Sterilization in the Healthcare Industry: Best Practices and Technologies
Type of the Article	Review 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:

(<https://www.journaljpri.com/index.php/JPRI/editorial-policy>)

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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)
<p>Compulsory REVISION comments</p> <p>1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript)</p> <p>2. Is the title of the article suitable? (If not please suggest an alternative title)</p> <p>3. Is the abstract of the article comprehensive?</p> <p>4. Are subsections and structure of the manuscript appropriate?</p> <p>5. Do you think the manuscript is scientifically correct?</p> <p>6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form. (Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</p>	<p>The topic is important however the article undertakes a very shallow review of techniques and methods, which is insufficient to be categorised as a review article.</p> <p>Yes</p> <p>Abstract is adequate</p> <p>While the subsections and structure of manuscript is appropriate, there is repetition in text at multiple areas in the manuscript, which would need major revision by the author</p> <p>Yes</p> <p>Yes</p>	
<p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>	<p>Yes; there is repetition in text at multiple areas in the manuscript, which would need major revision by the author</p>	
<p>Optional/General comments</p>	<ul style="list-style-type: none"> - The topic is important however the article undertakes a very shallow review of techniques and methods, which is insufficient to be categorised as a review article - Ensuring consistency of sterilization practices requires a comprehensive program that ensures operator competence and proper methods of cleaning and wrapping instruments, loading the sterilizer, operating the sterilizer, and monitoring of the entire process. This entire process has been missed in the manuscript. - No mention is made on Physical facilities required for different methods. - No mention is made regarding care to be taken by handlers during cleaning, packaging, loading and monitoring - Aspects regarding maintenance and care of equipment has been missed - Definition of basic terms needs to be made in a review article - Advantages and disadvantages of different methods may be mentioned - Data may be provided in Tabular form for ease of understanding - Categorisation of commonly used medical equipment as critical, semi critical and non critical may be made to make it more appealing - For ethylene oxide sterilization, two voluntary consensus standards (ANSI AAMI ISO 11135:2014 and ANSI AAMI ISO 10993-7:2008(R)2012) are available which describe how to develop, validate, and control ethylene oxide sterilization processes for medical devices and the acceptable levels of residuals left on a device after it has undergone ethylene oxide sterilization. No mention of these standards have been made. These are important since these standards help ensure levels of ethylene oxide on medical devices are within safe limits. 	

PART 2:

	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)
<p>Are there ethical issues in this manuscript?</p>	<p><i>(If yes, Kindly please write down the ethical issues here in details)</i></p>	

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