



SDI Review Form 1.6

Journal Name:	Advances in Research
Manuscript Number:	2013_AIR_8475
Title of the Manuscript:	A Review of the Intraluminal Fluid Pathway to Prevent Catheter Related Bloodstream Infections and Occlusions
Type of the Article	Mini Review

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>)



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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)
<u>Compulsory</u> REVISION comments	<p>This article addresses two important preventable complications of intravenous lines - infection and occlusion, focussing on the role of intravenous connectors and nursing care. Fifty three articles are included in the references. Although the article covers a number of important issues, there are several suggested amendments:</p> <ol style="list-style-type: none"> 1. The target audience is unclear. This would appear to be an article aimed primarily at nurses – a whole lot of the issues covered in the article relate to nursing care of IV lines, lack of knowledge of nurses and in service nursing education. It may be useful to clearly state that this review relates to nursing issues with IV lines. 2. There is no aim. At the end of the background section it would be useful to have a sentence or two stating the purpose or aim of the review. 3. There is no explanation of material and methods. 	<p>The target audience is the healthcare provider. Both authors are nurses. I have attempted to fix this comment. One problem is that the patient does not stay in his/her room. So the radiology tech, or the cath lab etc. needs to understand the issues with connectors and the importance of knowing what type of connector is being used.</p> <p>The entire introduction was rewritten and now includes the aim and the methods.</p> <p>This paper discusses the common intravenous therapy complications CR-BSI and occlusion are impacted by IV needleless connector design. Methods for article preparation included review of CinHal and medline using the key words CR-BSI, occlusion, connector, and IV technology. Exclusions included studies not IRB approved. Connector technology included in the paper had to have some published related research.</p> <p>Reflux is mentioned in two different sections of the paper. One when defining the different types. The second when discussing how reflux</p>



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	<p>This paper is described as a “mini- review” . What is this – a summary of a systematic review? Is it defined by length or number of references? It is essential to have a paragraph explaining the methodology and materials used – which journals were included and why? Were any excluded?</p> <p>4. The section on reflux with different connectors lines 171 to 186 should follow on the initial discussion lines 83-90 to avoid repetition.</p> <p>5. Line 223 Patient IV connector assessment – appears to be a tool developed by the authors to improve care of IV lines. Is this so? Has it been used and validated?</p>	<p>impacts the flushing procedure. We feel that this is important and have left the discussion in two places. That being said, the rewritten introduction may make this clearer.</p> <p>The patient assessment section was written from our long and varied experience with bedside care. It is meant as a guidance tool and not a formal tool. Assessment is a critical thinking action that takes place when combining knowledge with the current setting. This is meant to help in the process</p> <p>To the best of my ability I have found corrected and marked with yellow all of these.</p>
<u>Minor</u> REVISION comments	<p>There are numerous places where two words have run into one another with the formation of the pdf e.g . Line 40 for the line 42 duration the line 88 with neutral connectors</p>	
<u>Optional/General</u> comments		