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ESPS Peer-review Report

Name of Journal: World Journal of Orthopedics

ESPS Manuscript NO: 6421

Title: Clinical Results of Linezolid in Arthroplasty and Trauma Related Infections. A retrospective analysis of 22 patients followed up for 5 years.

Reviewer code: 02444722

Science editor: Cui, Xue-Mei

Date sent for review: 2013-10-22 09:55

Date reviewed: 2013-10-25 01:19

CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	CONCLUSION
<input type="checkbox"/> Grade A (Excellent)	<input type="checkbox"/> Grade A: Priority Publishing	Google Search:	<input type="checkbox"/> Accept
<input type="checkbox"/> Grade B (Very good)	<input checked="" type="checkbox"/> Grade B: minor language polishing	<input type="checkbox"/> Existed	<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 checked="" type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E (Poor)		<input type="checkbox"/> Existed	<input type="checkbox"/> Major revision
		<input type="checkbox"/> No records	

COMMENTS TO AUTHORS

According to the authors "the aims of the present investigation was to identify patients treated with linezolid for orthopaedic infection and evaluate efficacy and tolerability". The authors state that "the results of this study support the use of Linezolid, with a 77% resolution at 3-57 months across all patient groups". It was concluded that the study demonstrates that use of linezolid offers excellent efficacy in orthopaedic related infections when used alongside appropriate surgical management. As the authors state in the limitation section due to the fact that in the present investigation was analyzed exciting data, the patient group was highly heterogeneous and the numbers are relatively small. Moreover, the lack of randomization and a control group further limits definitive conclusions. Clearly, follow up studies including a control group are needed. Aside from these limitations is an interesting study giving some first information about "treatment of infection following orthopaedic related procedures".

Comments Abstract In the abstract authors should include the aim of their study. In the third line replace "say" with "stay". In the results authors should be state clearer the results of their study. **Key words** Almost all key words are present in the Title. Authors should replace them with words that are not appearing in the Title of the manuscript. **Introduction** Authors should include in their literature review the study of Mason et al. Orthopedics. 2008 Nov;31(11):1140 and discuss it. In the last paragraph of the Introduction section authors should clearly mention that their investigation is not based on measurements performed by them. **Methods** Second paragraph, line 10. Replace "where" with "were". **Tables** The tables in the manuscript are not presented in whole; authors should use the landscape presentation for these pages. Authors should change with each other the columns "Sex" and "Age". Authors should state the meaning of "N" and "Y" in



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the columns "Surgical intervention", "Concurrent antibiotics" as well as "Previous antibiotics".



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Name of Journal: World Journal of Orthopedics

ESPS Manuscript NO: 6421

Title: Clinical Results of Linezolid in Arthroplasty and Trauma Related Infections. A retrospective analysis of 22 patients followed up for 5 years.

Reviewer code: 02444788

Science editor: Cui, Xue-Mei

Date sent for review: 2013-10-22 09:55

Date reviewed: 2013-12-04 16:48

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 checked="" type="checkbox"/> Grade B (Very good)	<input type="checkbox"/> Grade B: minor language polishing	<input type="checkbox"/> Existed	<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 checked="" type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E (Poor)		<input type="checkbox"/> Existed	<input type="checkbox"/> Major revision
		<input type="checkbox"/> No records	

COMMENTS TO AUTHORS

This is an interesting and important case series, but needs more detail. They are some typos. At least some discussion of cost would be helpful, bed days saved, number of outpatient appointments required. Cost of drug vs vancomycin and a picc line). Monitoring for myelosuppression (how, by whom, how often, etc). Cost of this. I am surprised by the high incidence of monotherapy. This is unusual and raises concerns regarding resistance. Please discuss. Greater discussion of the complications and difficulties would be beneficial. Discussion of the contra indications would be helpful. Can you account for the reasons behind the failures? Is there anything in your data to help guide who is suitable and who is not? What was the readmission rate and reasons for this? What is the success rate for parental treatment? please discuss. The topic deserves some revisions to increase the impact of your case series.



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Name of Journal: World Journal of Orthopedics

ESPS Manuscript NO: 6421

Title: Clinical Results of Linezolid in Arthroplasty and Trauma Related Infections. A retrospective analysis of 22 patients followed up for 5 years.

Reviewer code: 02281177

Science editor: Cui, Xue-Mei

Date sent for review: 2013-10-22 09:55

Date reviewed: 2013-12-14 12:49

CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	CONCLUSION
<input type="checkbox"/> Grade A (Excellent)	<input 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"/> Existed	<input type="checkbox"/> High priority for publication
<input type="checkbox"/> Grade C (Good)	<input checked="" type="checkbox"/> Grade C: a great deal of language polishing	<input type="checkbox"/> No records	<input checked="" type="checkbox"/> Rejection
<input checked="" type="checkbox"/> Grade D (Fair)		BPG Search:	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E (Poor)	<input type="checkbox"/> Grade D: rejected	<input type="checkbox"/> Existed	<input type="checkbox"/> Major revision
		<input type="checkbox"/> No records	

COMMENTS TO AUTHORS

This is not a very well written manuscript. In abstract section, authors did not detailedly describe the aims and methods of the study. The conclusion was not reliable because this study was not a randomized and controlled study. In addition, the sample number was small with only 22 patients. Orthopedic operation related infection is a severe complication, and often seen clinically. It usually first needs thorough debridement, then according to culture and susceptibility test to select suitable antibiotics.