

ESPS PEER-REVIEW REPORT

Name of journal: World Journal of Transplantation

ESPS manuscript NO: 29707

Title: Contrast-Induced Acute Kidney Injury in Kidney Transplant Recipients: A Systematic Review and Meta-analysis

Reviewer's code: 00054120

Reviewer's country: United States

Science editor: Jin-Xin Kong

Date sent for review: 2016-08-26 15:51

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

COMMENTS TO AUTHORS

An excellent review article which very well written, I have few questions to the authors 1- what is the incidence of AKI in post-renal transplant recipients at their center. 2- Do you follow certain protocol or guidelines when performing radiological procedures in these patients, such using certain type of IV dye, use of prophylactic NAC and/or well hydration? 3- Do they think that the incidence of AKI is lower/same or higher at their center and what is the reason for that?

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Title: Contrast-Induced Acute Kidney Injury in Kidney Transplant Recipients: A Systematic Review and Meta-analysis

Reviewer's code: 00505314

Reviewer's country: United States

Science editor: Jin-Xin Kong

Date sent for review: 2016-08-26 15:51

Date reviewed: 2016-09-16 01:45

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	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"/> The same title	<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"/> Duplicate publication	<input type="checkbox"/> Rejection
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		<input type="checkbox"/> Plagiarism	
		<input checked="" type="checkbox"/> No	

COMMENTS TO AUTHORS

This is meta-analysis of published studies evaluating nephrotoxic risk of contrast agents in kidney transplant recipients. Article is written nicely and methodology looks good. Limitations are the heterogeneous nature of the individual studies. Over all, it appears to be a low risk population since only 3 studies had patients with serum creatinine >1.5 mg/dl. Authors tried to do a sensitivity analysis to account for the osmotically different contrast agents used. It is interesting and reassuring to see that CNI agent use did not affect the risk of contrast induced nephrotoxicity. More studies involving high risk patients are needed to make more definitive conclusions. It will be nice to include a paragraph based on the analysis suggesting the precautions that need to be taken before exposing kidney transplant recipients to radio-contrast agents.