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ESPS PEER REVIEW REPORT

Name of journal: World Journal of Medical Genetics

ESPS manuscript NO: 10376

Title: Preimplantation HLA Typing- Practical Tool for Stem Cell Transplantation Treatment of Congenital Disorders

Reviewer code: 02596128

Science editor: Ling-Ling Wen

Date sent for review: 2014-03-31 14:28

Date reviewed: 2014-03-31 20:55

CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	CONCLUSION
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	Google Search:	<input type="checkbox"/> [Y] Accept
<input type="checkbox"/> Grade B: Very good	<input type="checkbox"/> [Y] Grade B: Minor language polishing	<input type="checkbox"/> Existing	<input type="checkbox"/> High priority for publication
<input type="checkbox"/> [Y] 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 type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E: Poor		<input type="checkbox"/> Existing	<input type="checkbox"/> Major revision
		<input type="checkbox"/> No records	

COMMENTS TO AUTHORS

This review summarizes the wide-scale experience of the Chicago's group in PGD for HLA typing. The review includes a systematic report describing the various conditions for which HLA typing was carried out by PGD. It summarizes the experience and results of 230 cycles where HLA typing was practiced in combination with the diagnosis of inherited conditions, in addition to 98 cycles where PGD was carried out exclusively for HLA typing. The authors clearly express the power of this system not only to avoid the birth of affected babies to couples at high risk, but also for the benefit of an affected member in the family which requires hematopoietic stem cell transplantation. They also explain in detail the strategy used for HLA typing and the chances to identify fully matched unaffected embryos. In addition, they outline the limitations of the technique, and explain how parental recombination, advanced maternal age and chromosomal mosaicism in the embryo may affect the outcome of the test.



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ESPS PEER REVIEW REPORT

Name of journal: World Journal of Medical Genetics

ESPS manuscript NO: 10376

Title: Preimplantation HLA Typing- Practical Tool for Stem Cell Transplantation Treatment of Congenital Disorders

Reviewer code: 00742218

Science editor: Ling-Ling Wen

Date sent for review: 2014-03-31 14:28

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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"/> Existing	<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"/> Existing	<input type="checkbox"/> Major revision
		<input type="checkbox"/> No records	

COMMENTS TO AUTHORS

The manuscript is interesting, clear and well defined.