

- Title** Placenta for cosmetic purpose and cell regeneration
- Agency** HTA Malaysia, Health Technology Assessment Section, Medical Development Division, Ministry of Health Malaysia
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- Reference** Technology Review Report – 021/2013, online:
http://www.moh.gov.my/index.php/database_stores/store_view_page/30/224

Aim

To assess the safety and efficacy/effectiveness of using placenta for cosmetic purpose and cell regeneration.

Conclusions and results

There was no retrievable scientific evidence from the journal database on the safety and efficacy/effectiveness of placenta for cosmetic purpose and cell regeneration. However, the FDA maintains that placenta extract may be potentially hazardous and its use is subjected to restrictions and requirements of warnings due to its side effect reported when used in human.

Recommendations (if any)

Based on the review, placenta is not recommended for cosmetic purpose and cell regeneration until evidence is made available.

Methods

Literatures were searched through electronic databases such as PubMed, Medline, Cochrane, Ovid, Horizon scanning databases, other websites; US FDA, MHRA and from general search engine such as Google. In addition, a cross-referencing of the articles retrieved was also carried out accordingly to the topic. Relevant articles were critically appraised and evidence graded using US/Canadian Preventive Services Task Force.

Further research/reviews required

Further research regarding effectiveness and safety of using collagen is required as well as strong and high quality scientific evidence on its clinical outcome need to be determined.

Written by

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