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Basic Study

Safety evaluation of menstrual blood-derived stromal cells transplantation for the treatment of intrauterine adhesion

Chang QY *et al.* Safety evaluation of menstrual blood-derived stromal cells transplantation

Abstract

BACKGROUND

Intrauterine adhesion (IUA) can cause serious damage to women's reproductive health, yet current treatment methods are difficult to achieve satisfactory results. In our previous studies, we demonstrated that menstrual-derived stromal stem cells (MenSCs), with high proliferative capacity and self-

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Author: Yun-xia Zhao, Shao-rong Chen, Ping-... **Publish Year:** 2019

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Author: Lijun Chen, Lijun Chen, Jingjing Qu, Ji... **Publish Year:** 2019

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Cited by: 1 **Author:** Lijun Chen, Lijun Chen, Jingjing Qu, Jingj...

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Jul 11, 2018 · In the same year, a report on the transplantation of **autologous menstrual blood-derived stromal cells** into seven severe AS patients showed that two of them successfully conceived. In our previous study, we reported a successful **transplanting** of **autologous mononuclear cells** from the **bone marrow/collagen** complex into patients with **severe IUA**, who achieved pregnancies and live births after **treatment ...**

Cited by: 15 **Author:** Yun Cao, Haixiang Sun, Hui Zhu, Xiangh...

Publish Year: 2018

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The Promising Potential of Menstrual Stem Cells for ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4032935>

Menstrual-derived stem **cells** (MenSCs) are a new source of mesenchymal stem **cells** isolated from the **menstrual** fluid. Currently, there is a growing interest in their clinical potential due to fact that they are multipotent, highly proliferative, and easy to obtain in a non-invasive manner.

Cited by: 57 **Author:** Maroun Khoury, Francisca Alcayaga-Mira...

Publish Year: 2014

Menstrual blood-derived stem cells: toward therapeutic ...

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Cited by: 1 **Author:** Lijun Chen, Lijun Chen, Jingjing Qu, Jingj...

Publish Year: 2019

Human menstrual blood: a renewable and sustainable source ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6249727>

Menstrual blood discharge has been identified as a valuable source of SCs which are referred to as **menstrual blood-derived** stem **cells** (MenSCs). Compared to SCs from bone marrow and adipose tissues, MenSCs come from body discharge and obtaining them is non-invasive to the body, they are easy to collect, and there are no ethical concerns.

Cited by: 2 **Author:** Haining Lv, Yali Hu, Zhanfeng Cui, Huido...

Publish Year: 2018