

**Name of Journal:** *World Journal of Clinical Cases*

**Manuscript NO:** 62612

**Manuscript Type:** CASE REPORT

**Psoriasis treatment using minimally manipulated umbilical cord-derived mesenchymal stem cells: A case report**

Ahn H *et al.* Mesenchymal stem cell treatment of psoriasis

## Abstract

### BACKGROUND

Psoriasis is a chronic autoimmune disease that usually manifests as a red scaly epidermis, induration, and hyperproliferation of basal keratinocytes. About 2% of the world's population suffers from psoriasis but there are no clear therapeutics yet. Recently, mesenchymal stem cells (MSCs) have been regarded as a therapeutic alternative for autoimmune diseases as they possess immunosuppressive effects

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## Treatment of Psoriasis with Mesenchymal Stem Cells ...

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Chen et al, 106 in 2016, reported two cases of patients affected **by psoriasis vulgaris treated with umbilical cordderived** MSCs (UC-MSCs). Both of them had no recurrence for 4 years....

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**Estimated Enrollment** : 12 participants

**Intervention Model**: Single Group Assignment

**Study Type** : Interventional (Clinical Trial)

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**Publish Year**: 2021

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**Author**: Hyunjun Ahn, Sang Yeon Lee, Won Ju J...

**Publish Year**: 2021

## Umbilical Cord-Derived Mesenchymal Stromal Cells (MSCs ...

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Knee osteoarthritis (OA) is a leading cause of pain and disability. Although conventional **treatments** show modest benefits, pilot and phase I/II trials with bone marrow (BM)- and adipose-derived (AD)