

WOUND DRESSING NANOMESH IMPREGNATED WITH HUMAN
UMBILICAL CORD WHARTON'S JELLY STEM CELLS

ABSTRACT

5 The invention is directed to a method of treating a wound (*e.g.*, to suppress
scar formation) in an individual in need thereof comprising contacting the wound
with an effective amount of a composition comprising (i) Wharton's jelly stem cells
(WJSCs), (ii) a cell culture medium that has been conditioned with WJSCs, (iii) a
lysate of WJSCs, (iv) a cell culture medium that has been conditioned with WJSCs
10 exposed to apoptotic skin cells and keloid cells, or (v) a combination thereof. The
invention is directed to a medical dressing (*e.g.*, pharmaceutical compositions)
comprising Wharton's jelly stem cells (WJSCs), a cell culture medium that has been
conditioned with WJSCs, a lysate of WJSCs, a cell culture medium that has been
conditioned with WJSCs exposed to apoptotic skin cells and keloid cells, or a
15 combination thereof.

(No suitable Figure to accompany abstract)