

C L A I M S

1. A method for storing a cartilage-cell-adhering porous body in an airtight state over a long term of at
5 shortest 14 days, comprising:

suspending isolated cartilage cells into a 2 to 3% atelocollagen at an administration cell concentration of 1.0×10^7 cells/ml to 1.0×10^8 cells/ml to prepare a cell suspension;

10 seeding the cell suspension to a biocompatible porous body;

gelatinizing the cell suspension in/on the porous body to yield the cartilage-cell-adhering porous body; and

15 keeping the cartilage-cell-adhering porous body in an airtight state at a temperature of 26 to 37°C in a medium having an amount of 1 mL or more per 1.0×10^5 cells that are administrated living cells out of the cartilage cells, the medium containing insulin, a fibroblast growth factor, and a 5% or more serum, while the porous body is shaken to
20 set the shaking speed of the medium in the range of 0 cm/s or more and 2.8 cm/s or less.

2. The method according to claim 1, wherein the shaking speed ranges from 1.6 cm/s to 2.8 cm/s.

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3. The method according to claim 1, wherein when the amplitude of the shaking is linear, the shaking speed is from 10 mm to 50 mm in at least one direction, and when the amplitude is along a circular direction, the circular
30 direction shaking is attained by shaking at a shaking speed of 15 rpm to 90 rpm along a circle having a diameter of 10 mm to 50 mm.

4. The method according to any one of claims 1 to 3, characterized in that the cartilage cells are auricular cartilage cells.

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5. The method according to any one of claims 1 to 4, characterized in that the concentration of the serum in the medium is 5 volume % or more by volume.

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6. The method according to any one of claims 1 to 5, characterized in that the concentration of the serum in the medium is 10 volume % or more by volume.

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7. The method according to any one of claims 1 to 6, characterized in that the medium is a DMEM/F12.

8. The method according to any one of claims 1 to 7, characterized in that the temperature for the storage is from 30 to 34°C.