



## Stem Cells So far! Stem Cell Therapy Facts and Principles

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### Abstract

Stem cells are cells with the ability to divide for indefinite periods and to give rise to specialized cells. Stem cell therapy has now been emerged as an extraordinary promise to treat a wide range of diseases and conditions. However, except blood stem cell transfer by bone marrow transplant which has been used as a standard practice for more than 50 years, nearly all of therapeutic potentials of stem cell are in early stages and experimental. A lot of work still is needed to turn this research into safe and effective treatments. In addition, as stem cell research becomes closer to new medical practices, new ethical questions must be resolved by researchers. Here a short discussion has been provided on some of these stem cell hypes and worries.

**Keyword:** Cell therapy, Stem Cell.

### Poster Presentation

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