

Long-Term Care Survey Alert

Clinical Developments: STEM CELLS REVERSE STROKE EFFECTS

Researchers are getting closer to developing ways to repair the human brain, and treatments under development could bring new options to patients who suffer strokes in the future. **University of Minnesota** researchers found that stem cells isolated from human bone marrow reversed the effects of ischemic stroke in laboratory rats seven days after it occurred, according to a study reported in a recent issue of *Experimental Neurology*.

Weeks after receiving the cells, the rats, crippled by stroke injury to the brain, regained proper use of their limbs, the study reports. Scientists found that the transplanted cells had taken on the characteristics of neurons and other brain cells.

Although more research is needed, the study suggests that adult stem cells hold promise for stroke victims.