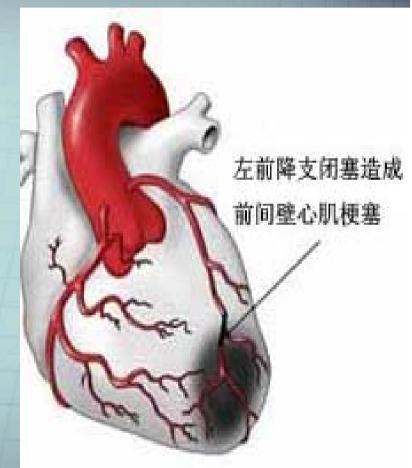
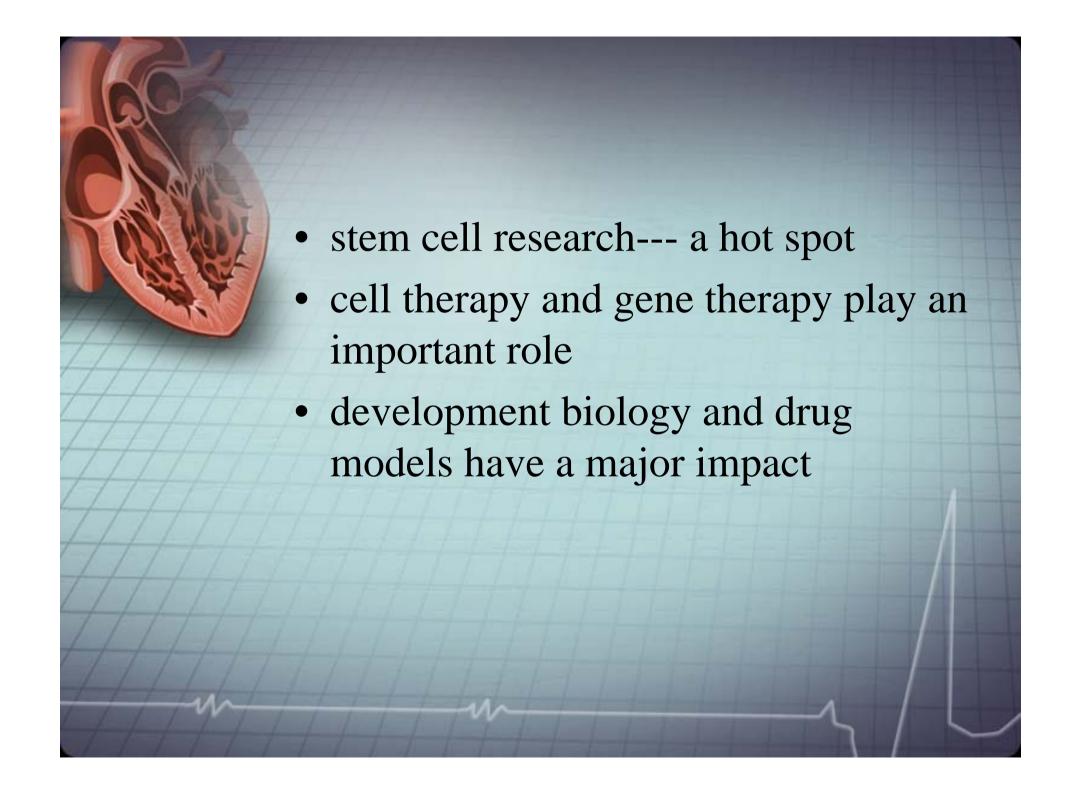
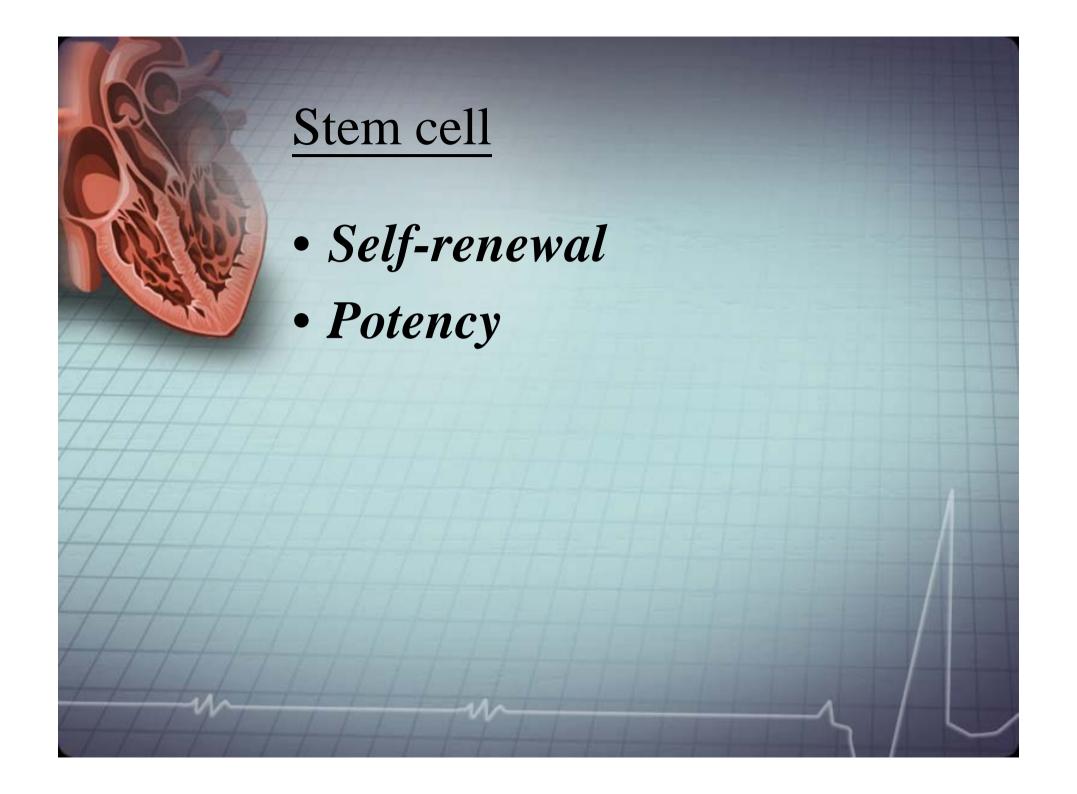


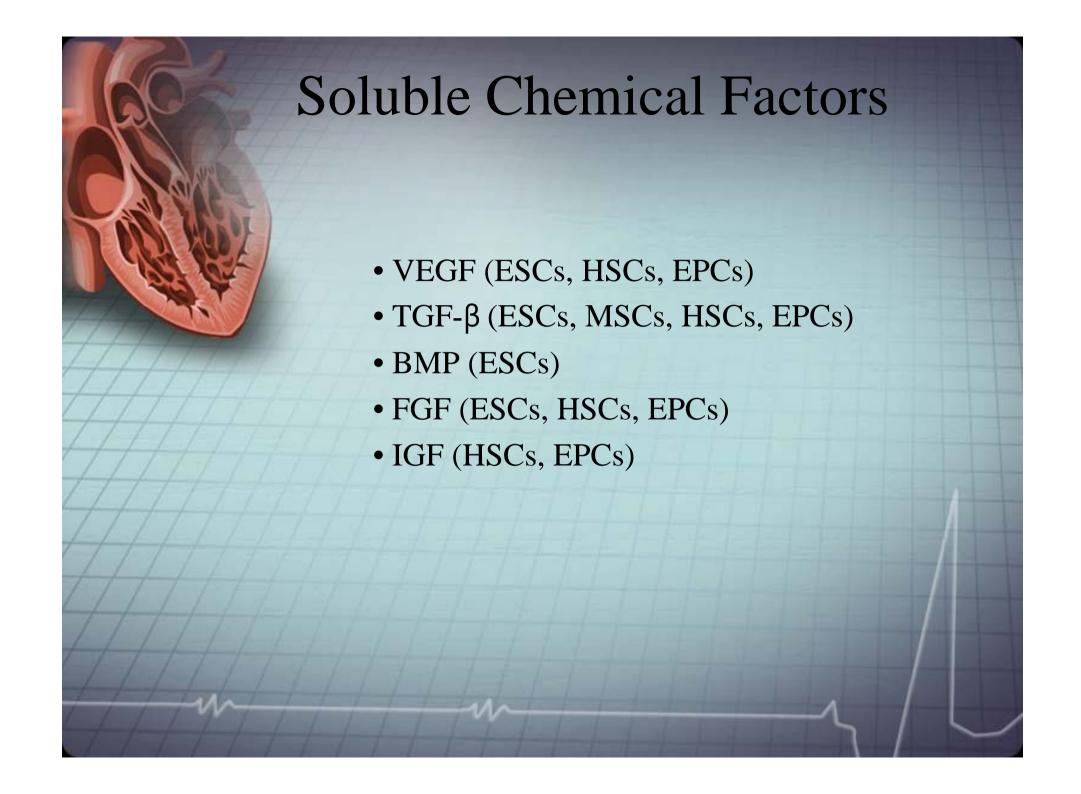


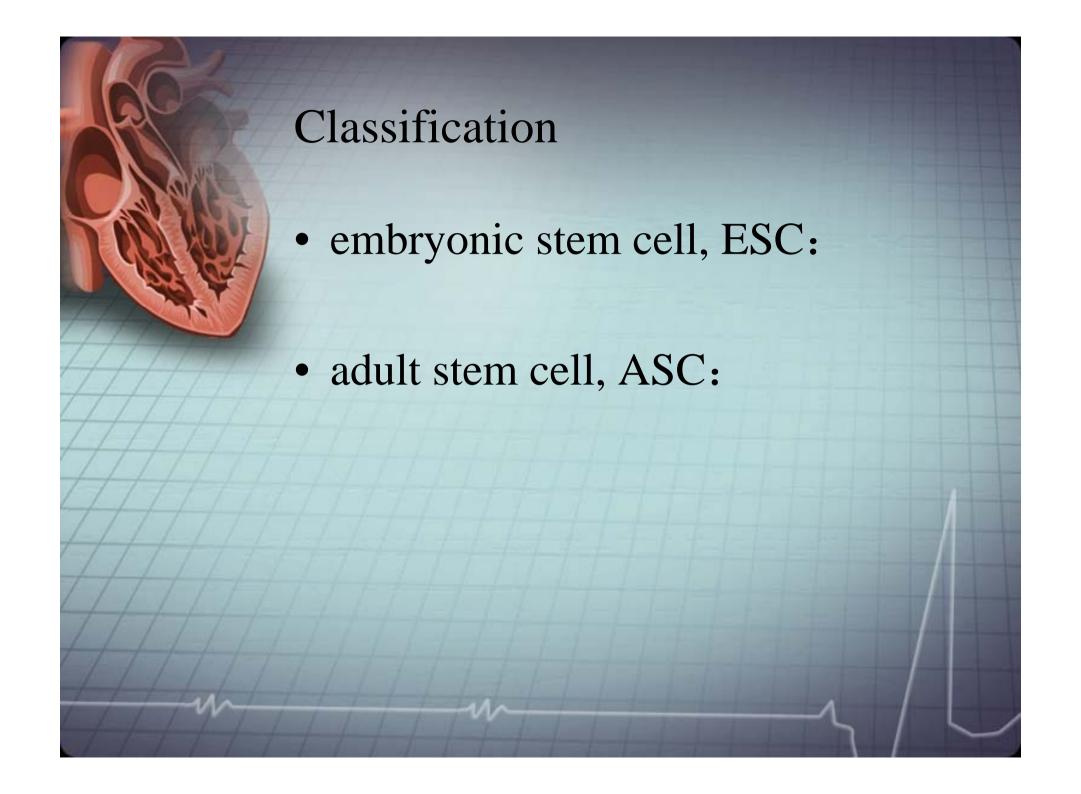
- Ischemic desease
- No. 1 killer in 21st
- die as a result of the attack.
- Younger
- Imbalance between myocardial oxygen supply and oxygen demand reduction

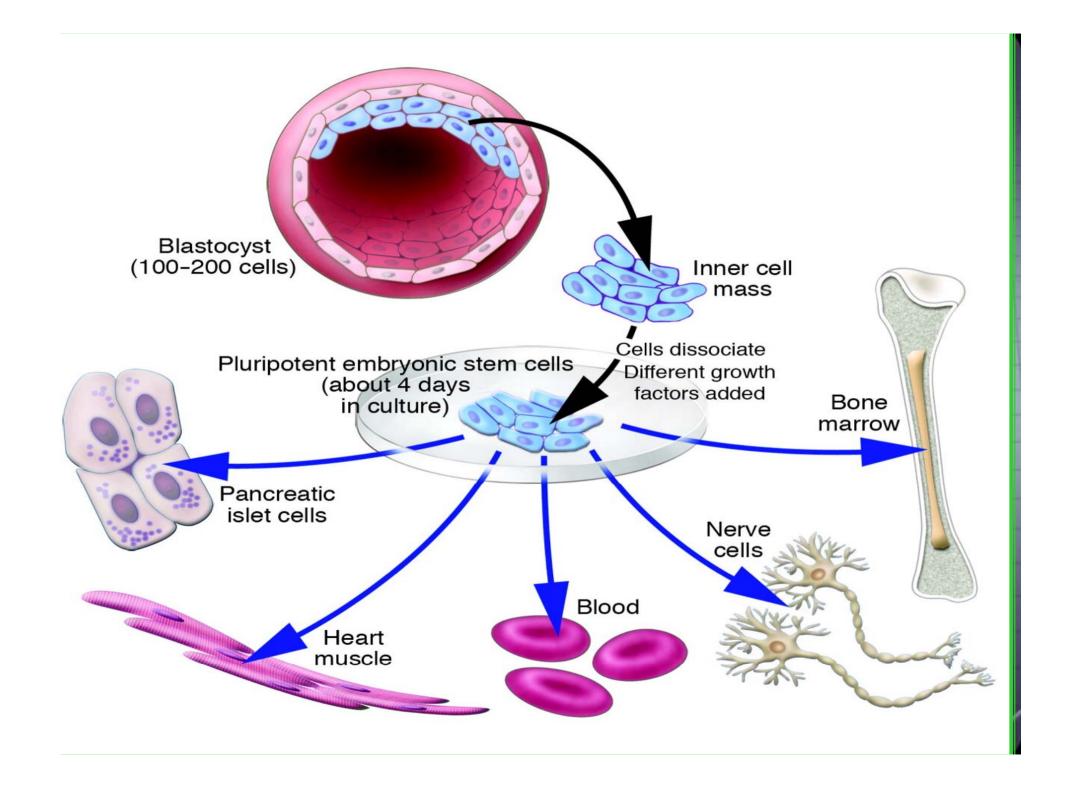


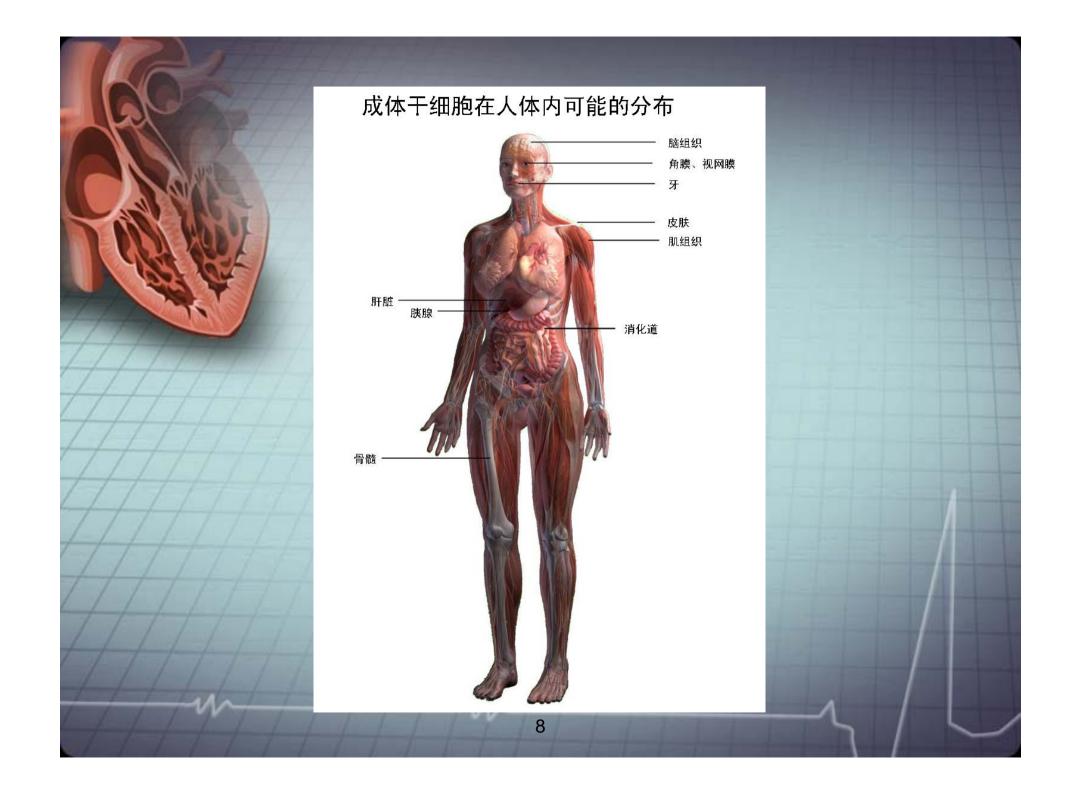


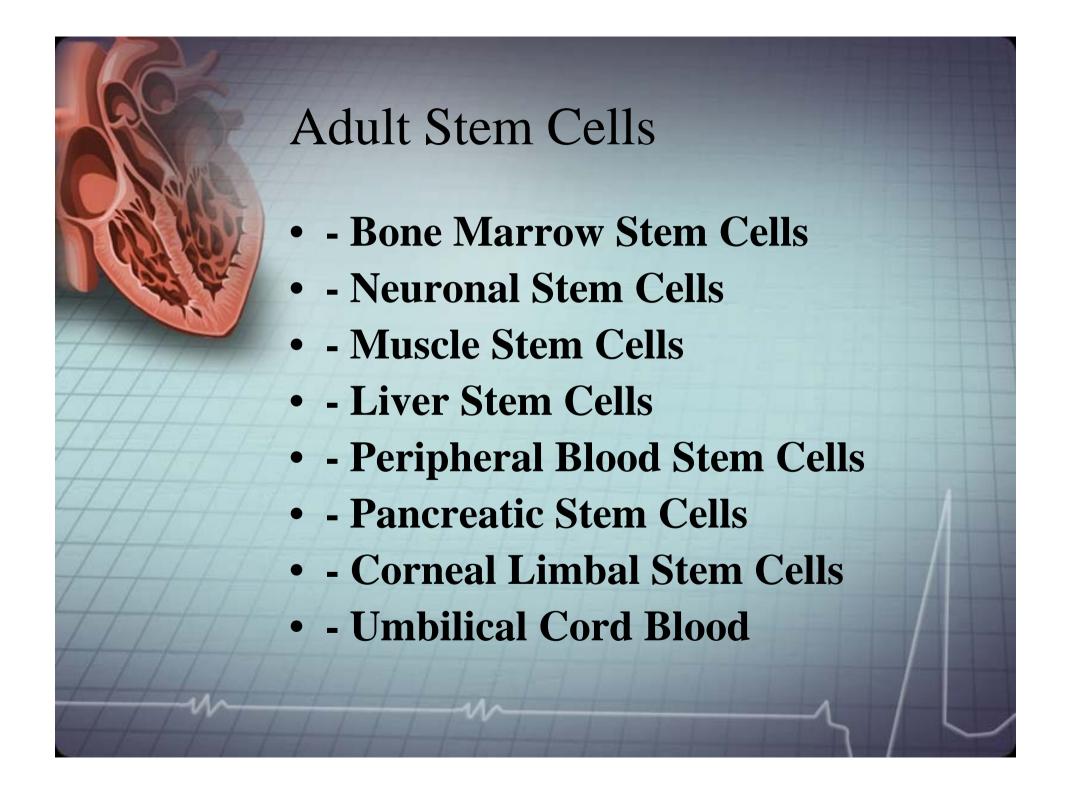




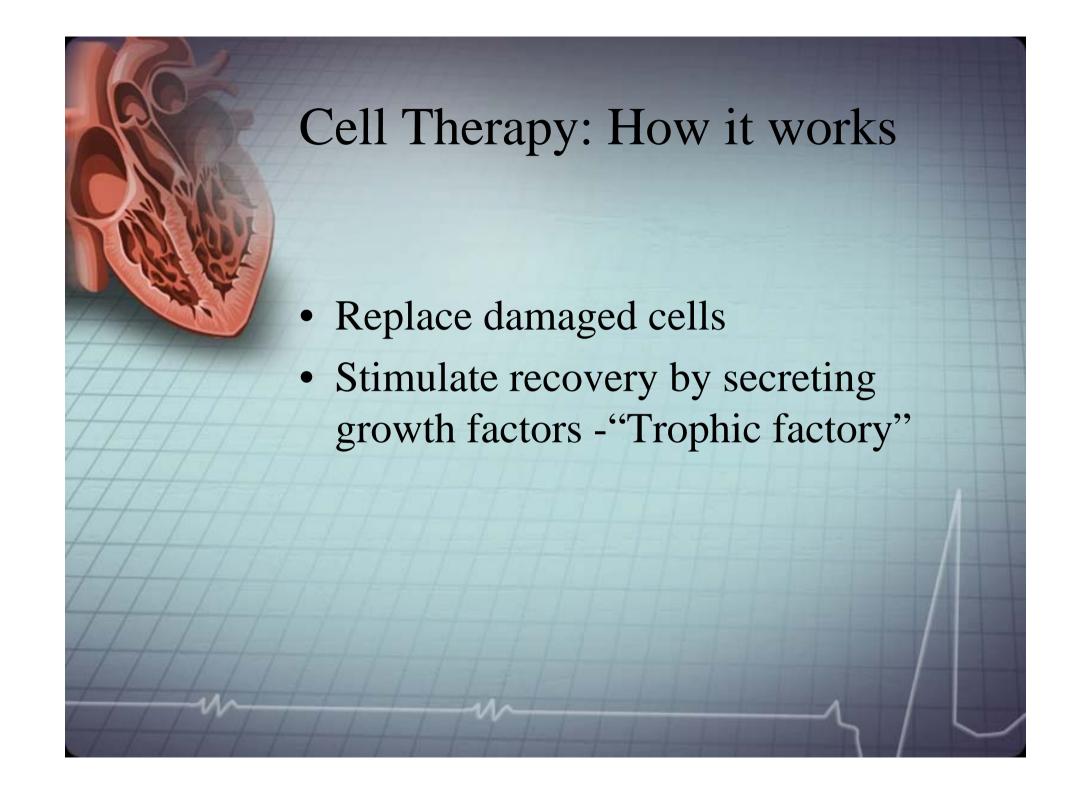


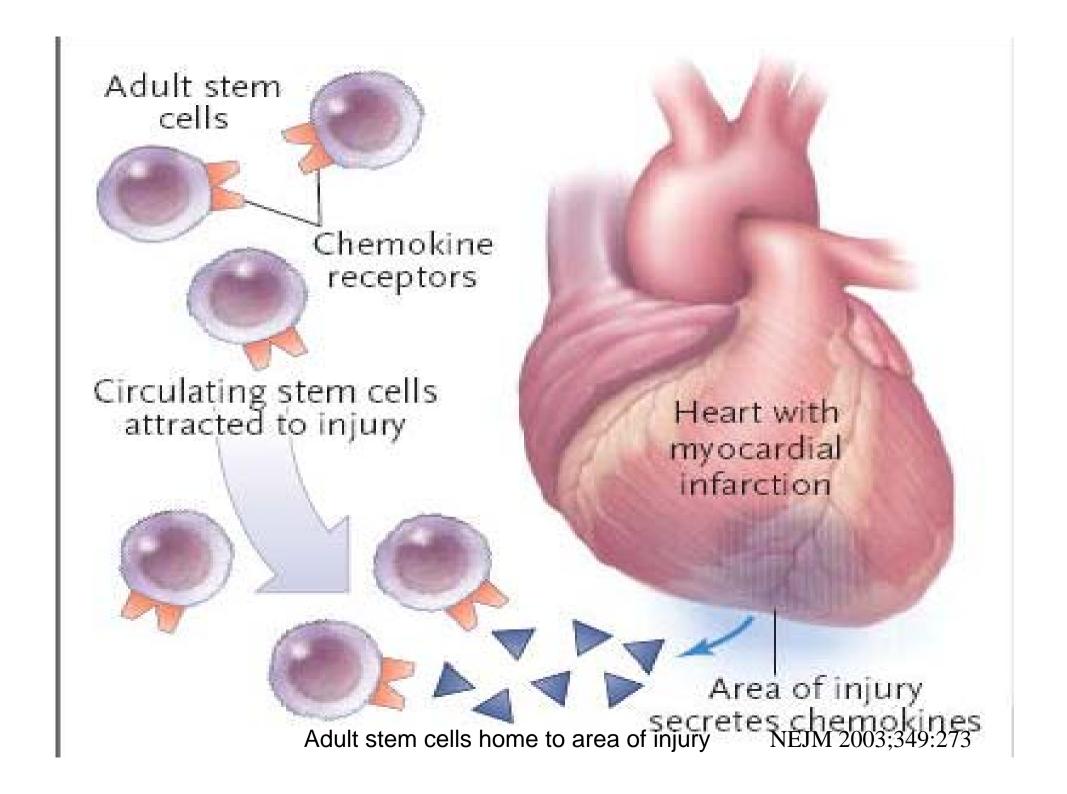


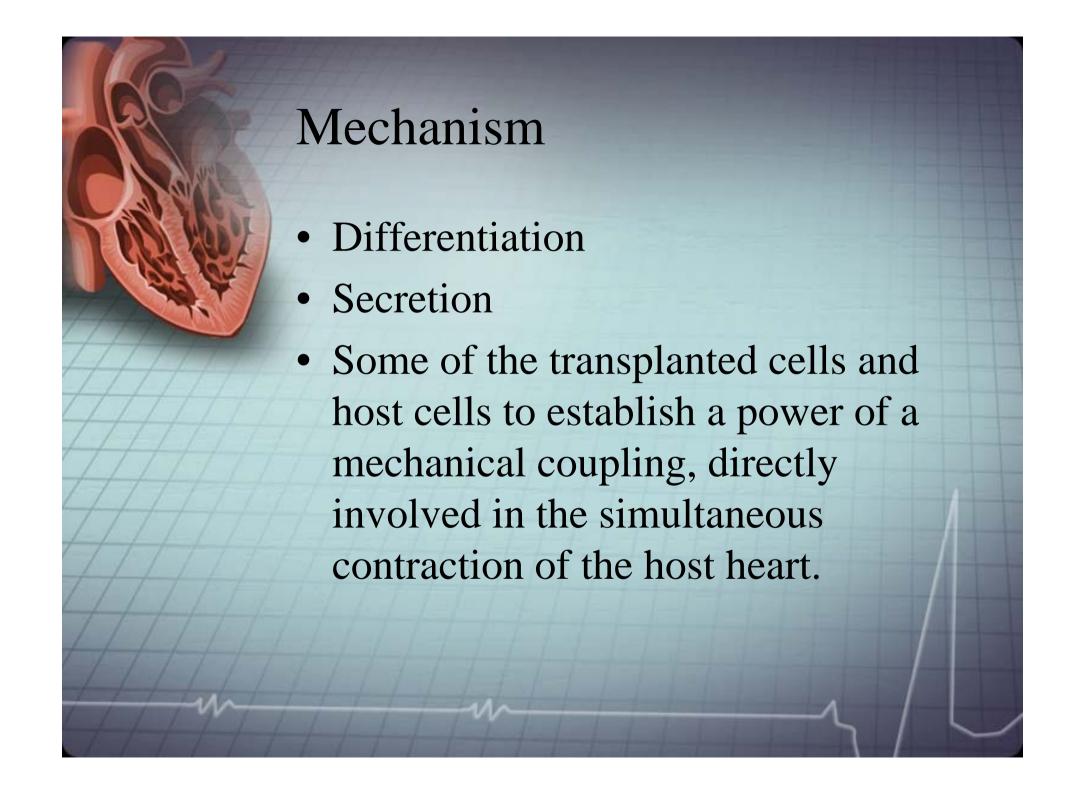


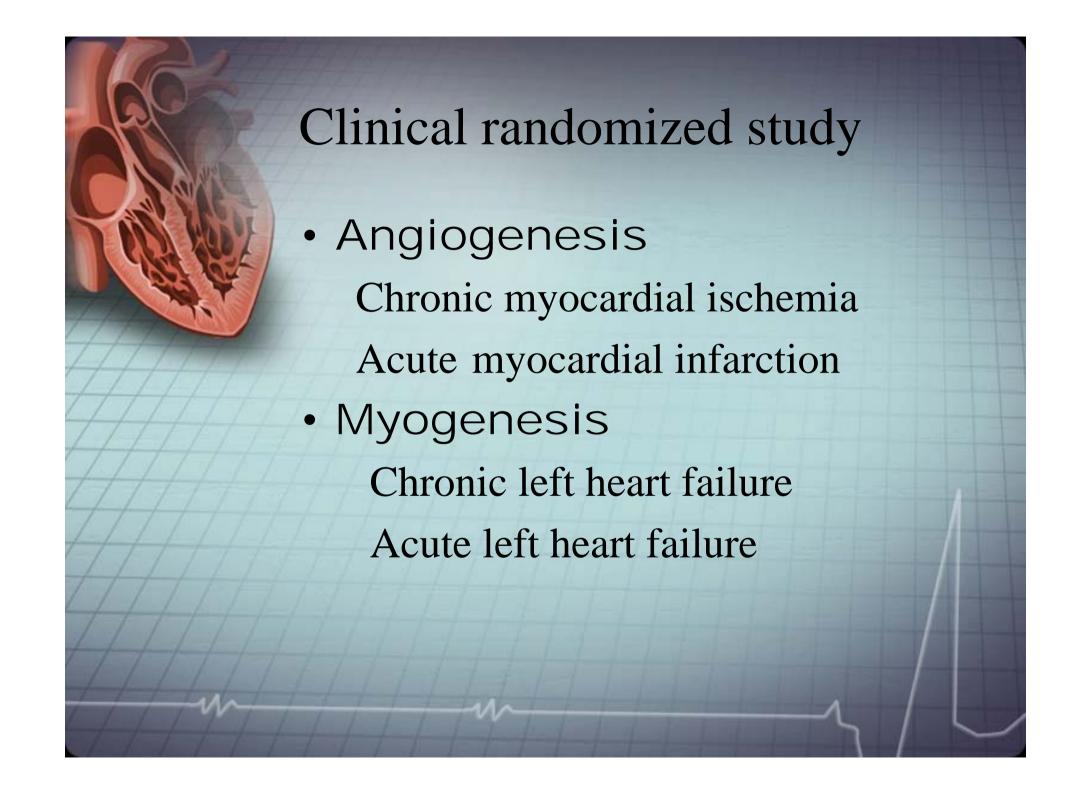




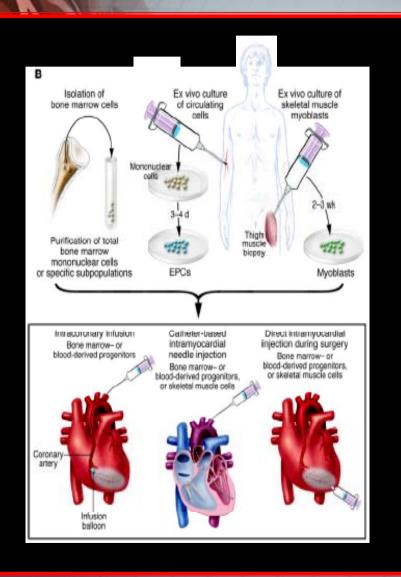








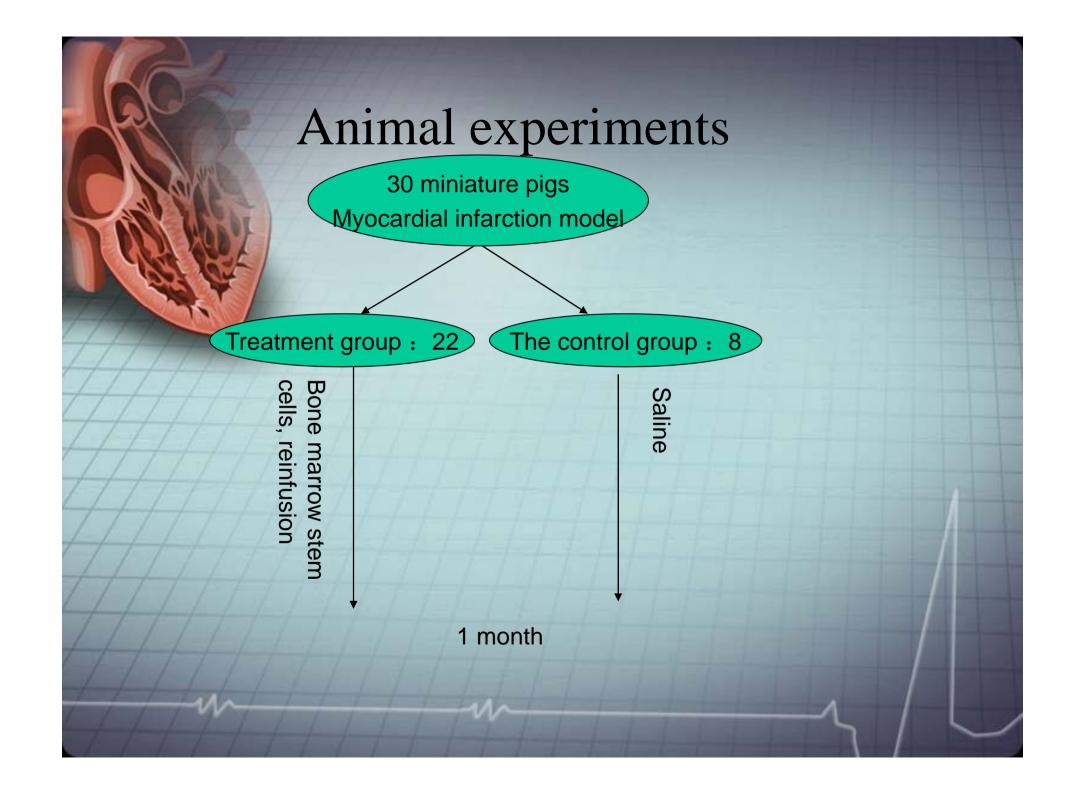
Route of Application



- 1. Intracoronary Infusion
- 2. Catheter-based

Intramyocardial Needle Injection

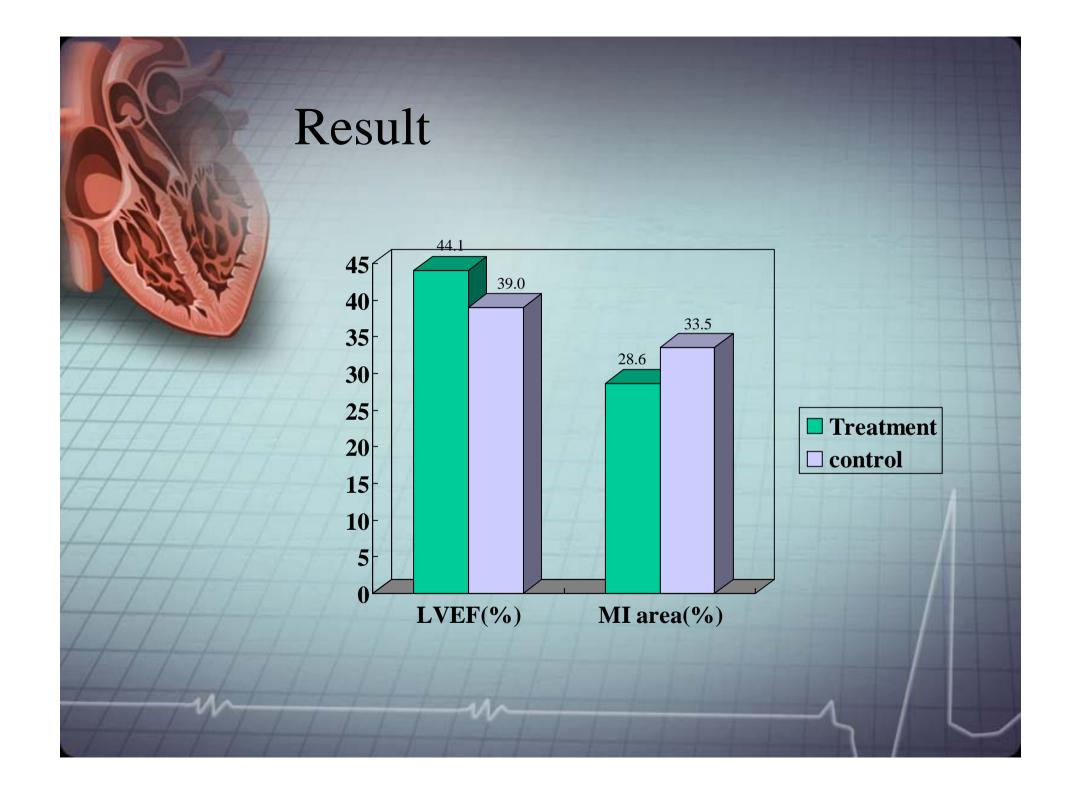
3. Direct Intramyocardial Injection During Surgery

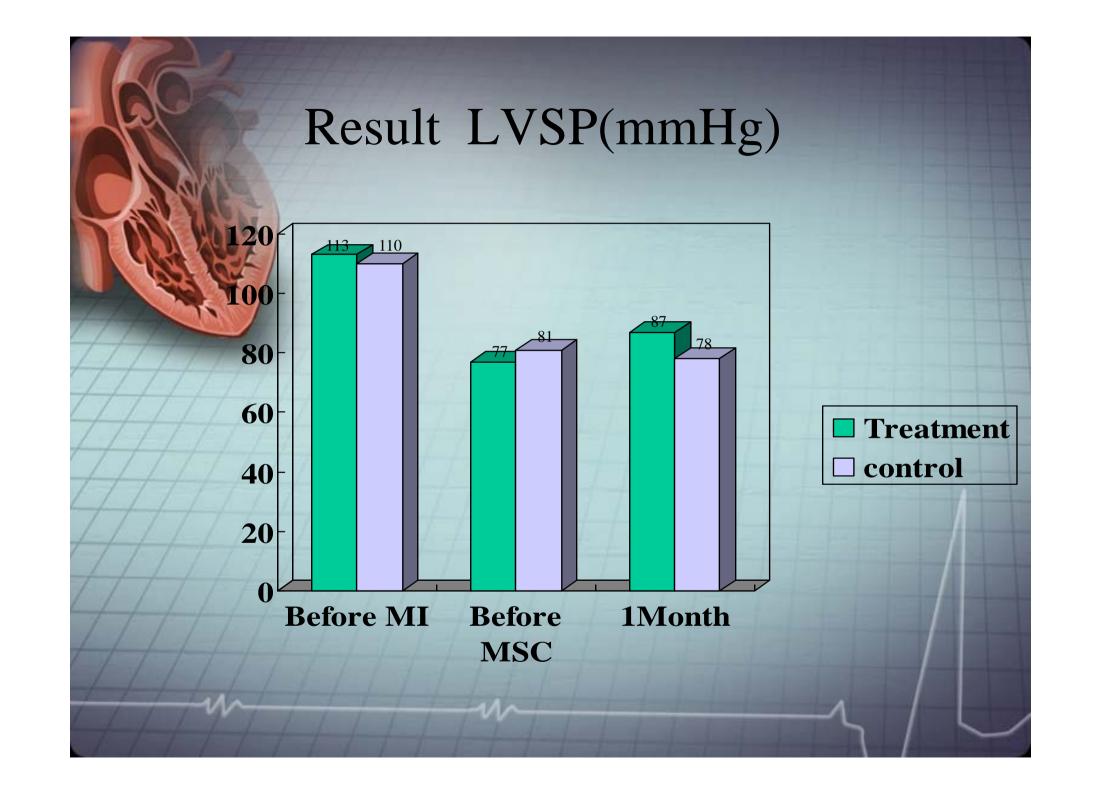


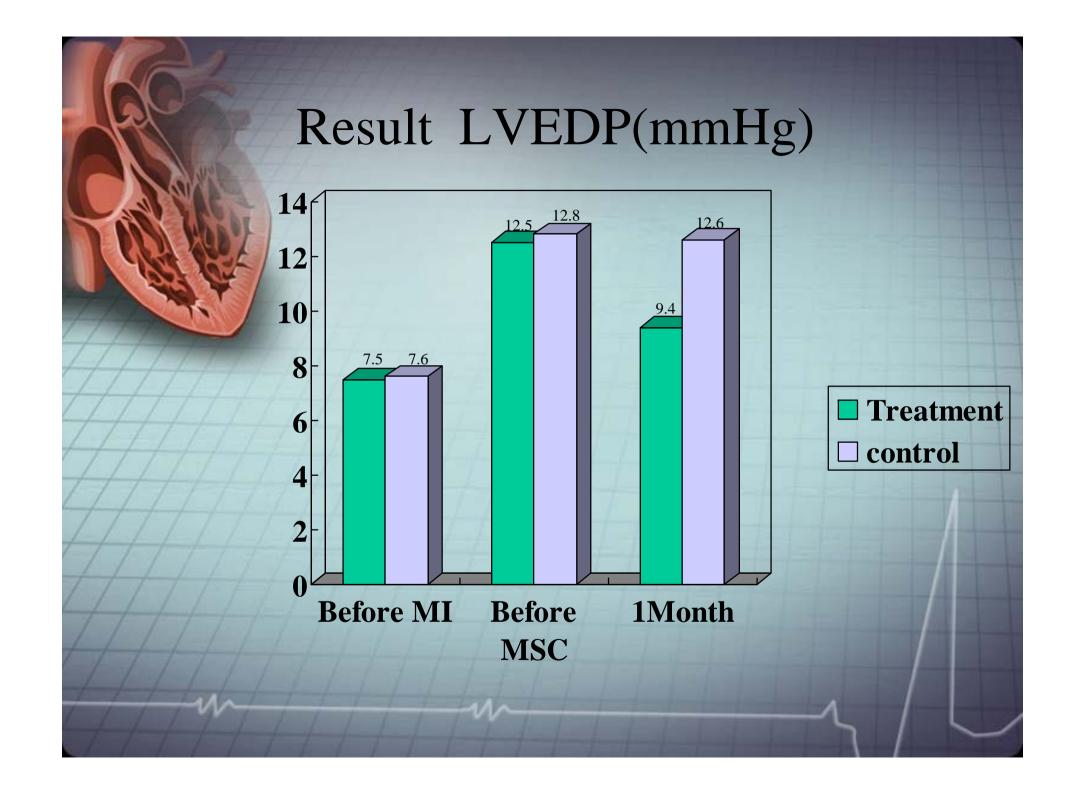


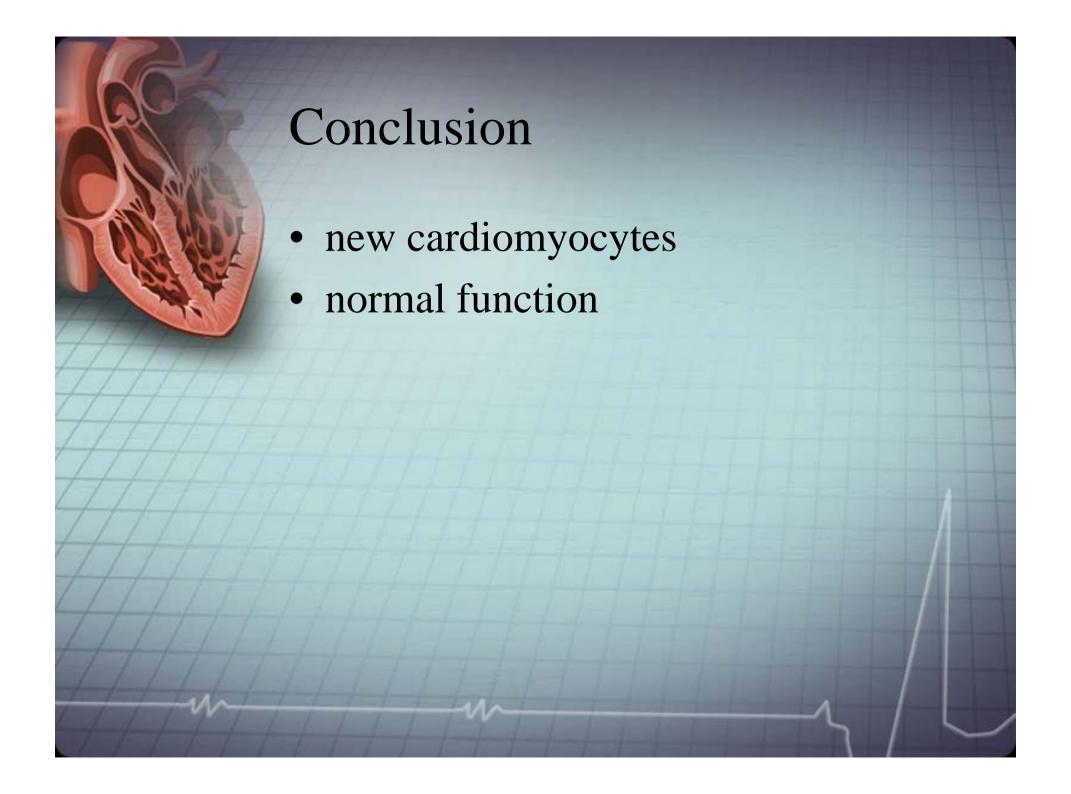
Stem cell culture

- Bone marrow 60ml, Subpackage, add an equal volume of lymphocyte separation medium, 2400r/min, 20min
- Take the middle cell layer, PBS washed twice
- 10ml,10% Serum,DMEM
- 3-5 days for changing fluid, passage about a week











Clinical Research

- 150 Patients
- Bone marrow stem cell transplantation
- The number of Cells: 2.3~8×10⁶ cells/ml
- Route of Application: Catheter-based Intramyocardial Needle Injection
- Cell culture time: 14 days
- Follow-up: 5 years (54,20,21,13)

