

# The use of rabbit antithymocyte globulin is more suitable for bone marrow transplant conditioning for severe aplastic anemia

833

Severe aplastic anemia transplants

Antithymocyte globulin



546



HLA-matched sibling

- As part of their conditioning regimen

287







Unrelated donor

- Bone marrow graft

The use of rabbit Antithymocyte globulin lowers the burden of morbidity in BM transplantation

There were no differences in hematopoietic recovery by type of antithymocyteglobulin

|                                   | HLA-matched sibling   |   |         | Unrelated donor   |   |         |
|-----------------------------------|---|---|---------|---|---|---------|
|                                   |  |  |         |  |  |         |
| Acute graft-versus-host disease   | 17%   | 6%  | p<0.001 | 42%   | 23%   | p<0.001 |
| Chronic graft-versus-host disease | 20%   | 9%  | p<0.001 | 38%   | 32%   | p=0.35  |
| 3 year overall survival           | 87%   | 92%   | p=0.76  | 75%   | 83%   | p=0.02  |