

# Solution: *Everybody Lives*

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The rules governing transplants are:

- In a transplant, a letter is removed from a donor and added to a recipient. Both must be then be anagrammed to form English words. If this isn't possible for both the donor and the recipient, the surgery cannot be performed.
- Words have blood types which must be compatible if the surgery is to be a success, but this wasn't understood at the time of the case reports. Words that contain A, B, or the string RH produce antigens of the same names. Because words form antibodies against antigens they don't produce, a letter cannot be transplanted from a donor that contains any of A, B, or RH into a recipient that does not. If such a surgery is performed, the recipient will die.
- This doesn't prevent transplanting A, B, R, or H or surgically anagramming in such a way as to create or destroy an RH, but doing so may cause a change in blood type after surgery. Such a change does not affect the success of the transplant, which depends only on blood types at the time of the procedure.

The (unique against SOWPODS) set of transplants to save everyone is as follows (Note that, due to the existence of anagrams, there are multiple potential post-op states for some patients; this does not affect the puzzle):

O: TYPHOON	/	INTREPID	=>	PYTHON	/	PERDITION
V: OVERHUNG	/	RHEAS	=>	ROUGHEN	/	SHAVER
E: BAKER	/	SANDBAG	=>	BARK	/	BANDAGES
R: MARRIED	/	WARHEAD	=>	ADMIRE	/	HARDWARE
S: FARSE	/	ORATED	=>	FEAR	/	ROASTED
I: BRIGADE	/	DRAB	=>	BADGER	/	BRAID
G: RUGBY	/	GLOBE	=>	RUBY	/	BOGGLE
H: FRIGHT	/	STROBE	=>	GRIFT	/	BOTHERS
T: CONTINUOUS	/	INCUBATORS	=>	INNOCUOUS	/	SUBTRACTION

The transplanted letters, in the order given by the transplant list, spell the solution: OVERSIGHT (which is kind of thematic, if you squint a little).