

# So You Want to Be a Heart Surgeon

Name \_\_\_\_\_

<http://www.texasheartinstitute.org/> → Heart Health Topics → Surgical and Medical Procedures

PROCEDURE	SOLVES WHAT PROBLEM	DESCRIPTION OF PROCEDURE	RECOVERY / OUTLOOK	LONG-TERM CARE
ANEURYSM REPAIR				
BALLOON ANGIOPLASTY AND STENTS				
CORONARY ARTERY BYPASS				
HEART TRANSPLANTATION				
PACEMAKER				
VALVE REPAIR OR REPLACEMENT				

HEART OPERATION GAME

[http://www.bhf.org.uk/cbhf/games/heart\\_op/](http://www.bhf.org.uk/cbhf/games/heart_op/)

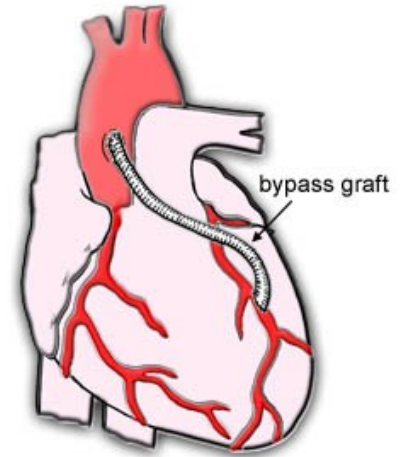
EXAM - Use your notes from above and your EXPERIENCE with the Heart Operation Game

\_\_\_ 1. Which procedure would require a vein from the leg?

- a. valve replacement      b. heart transplantation      c. coronary bypass      d. hole in the heart

\_\_\_ 2. The image illustrates what procedure?

- a. valve replacement      b. angioplasty      c. pacemaker      d. coronary bypass



\_\_\_ 3. Which procedure(s) require an incision to be made in the actual heart?

- a. valve repair      b. coronary bypass      c. heart transplantation      d. both a & b      e. a,b & c

\_\_\_ 4. Clamps are used to:

- a. hold the donor heart in place      b. keep the chest open      c. stop the flow of blood to the heart      d. prevent air flow to the lungs

\_\_\_ 5. A hole in the heart is repaired by:

- a. using a vein from another part of the body      b. using a mechanical valve  
c. using a synthetic sealant      d. simply stitching the area

\_\_\_ 6. Which of the following might be affected by outside objects (such as magnets)?

- a. an artificial valve      b. a transplanted heart      c. a pacemaker      d. an aneurysm

\_\_\_ 7. A bulge in an artery is called a(n):

- a. stint      b. pacemaker      c. aneurysm      d. bypass

\_\_\_ 8. What is the most common type of heart surgery?

- a. coronary bypass      b. valve replacement      c. heart transplantation      d. hole in the heart repair

\_\_\_ 9. Which procedure(s) would help a person regulate the heart rate?

- a. aneurysm repair      b. pacemaker      c. coronary bypass      d. both b & c      e. a, b, & c

\_\_\_ 10. Which procedure(s) could be used to treat a clogged coronary artery?

- a. balloon angioplasty      b. coronary bypass      c. valve replacement      d. both a & b      e. both b & c