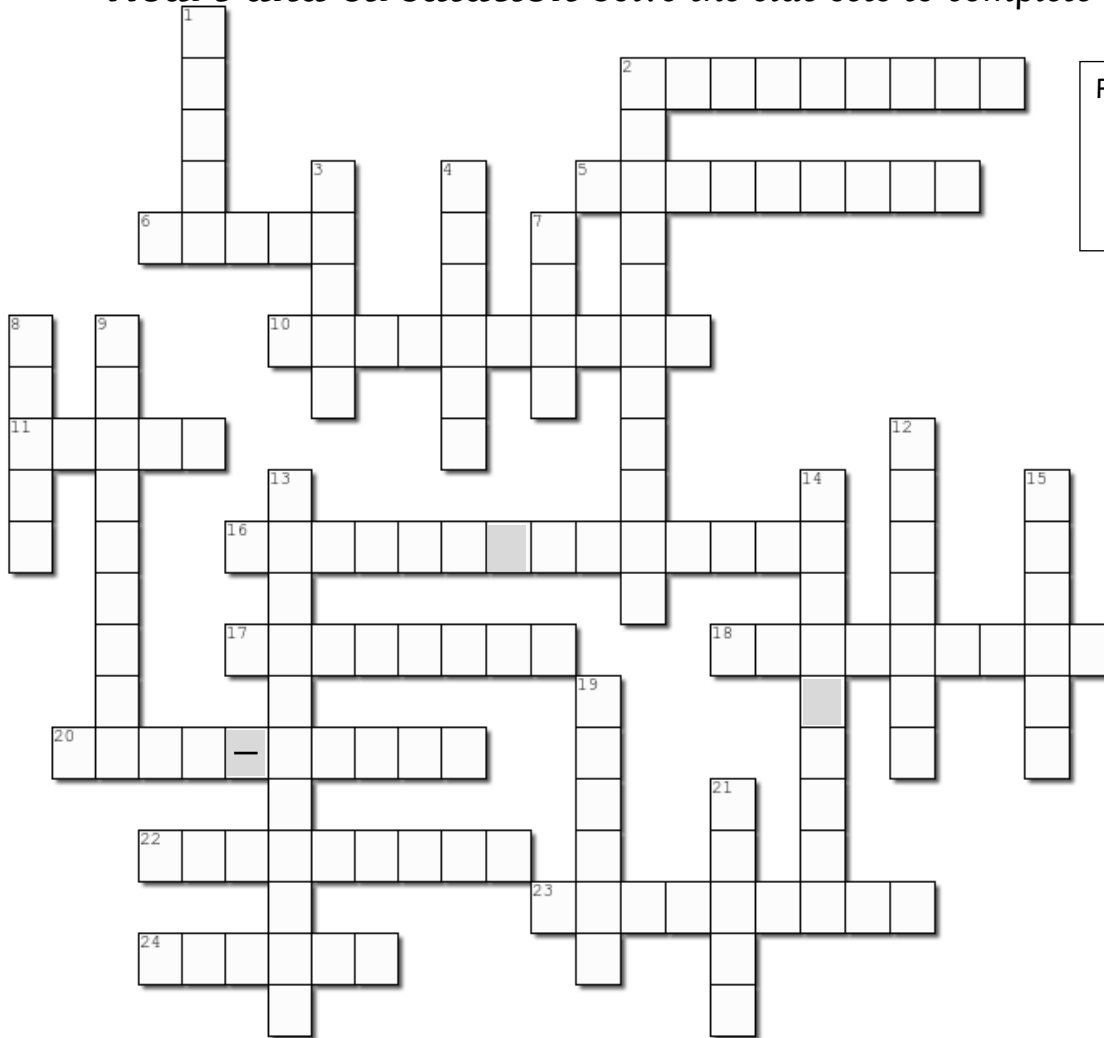


Heart and circulation

Solve the clue sets to complete the crossword. (Grey boxes are spaces between words)



From the vena cava, de-oxygenated blood enters the right _____ (19 down) of the heart. It then goes through the _____ (5 across) valve into the right _____ (9 down). This pumps the blood through the _____ (23 across) artery towards the lungs.

- 2 across** — makes the rings that hold the trachea open (9)
- 16 across** — waste gas that we must breathe out (6,7)
- 20 across** — valves shaped like half moons (4-5)
- 24 across** — a vessel which carries blood away from the heart (6)
- 4 down** — the walls of the atria and ventricles are made of this (6)
- 14 down** — the biggest vein (4, 4)

Unscramble	
11 across	S U L G N
1 down	R A T O A
7 down	N E V I
15 down	N E Y G O X
21 down	O B O L D

Crack the code: each number is a letter												
A	B	C	D	E	F	G	H	I	J	K	L	M
1	2	3	4	5	6	7	8	9	10	11	12	13
N	O	P	Q	R	S	T	U	V	W	X	Y	Z
14	15	16	17	18	19	20	21	22	23	24	25	26
6 across	23 1 19 20 5											
22 across	14 21 20 18 9 5 14 20 19											
3 down	8 5 1 18 20											
8 down	22 1 12 22 5											
12 down	20 18 1 3 8 5 1											

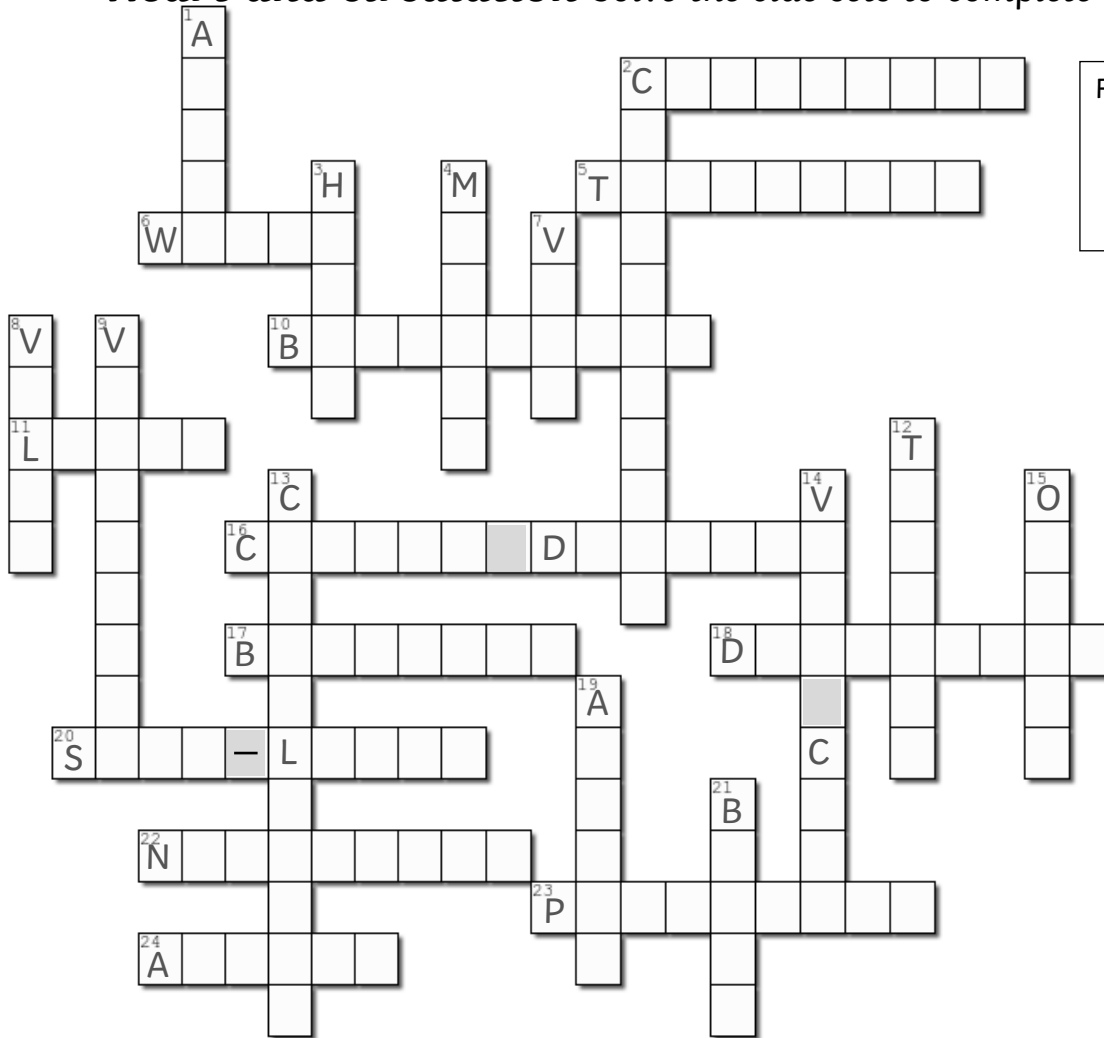
When the rest of the answers are in place, work out where these words fit. Then write your own clue for each one.

CIRCULATION	
BICUSPID	
DIAPHRAGM	
CAPILLARIES	
BRONCHIOLE	



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Heart and circulation

Crossword solutions

Across	
2	cartilage
5	tricuspid
6	waste
10	bronchiole
11	lungs
16	carbon dioxide
17	bicuspid
18	diaphragm
20	semi-lunar
22	nutrients
23	pulmonary
24	artery

Down	
1	aorta
2	circulation
3	heart
4	muscle
7	vein
8	valve
9	ventricle
12	trachea
13	capillaries
14	vena cava
15	oxygen
19	atrium
21	blood

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