

ANATOMY OF THE HEART

Structure	Blood rich in...	
1. Superior vena cava	Carbon dioxide	
2. Right atrium	CO ₂	
3. Inferior vena cava	CO ₂	
4. Right ventricle	CO ₂	
5. Pulmonary arteries	CO ₂	
6. Pulmonary veins	O ₂	
7. Left atrium	O ₂	
8. Left ventricle	O ₂	
9. Aorta	O ₂	

CIRCULATION ROUTES

	Pulmonary circulation	Systemic circulation	
Circulation route (short or long)	SHORT	LONG	
Blood pumped to	LUNGS	BODY	
Side of heart responsible for circulation	RIGHT	LEFT	
The blood starts out rich in ... (carbon dioxide or oxygen)	CO ₂	O ₂	
The blood ends up rich in ... (carbon dioxide or oxygen)	O ₂	CO ₂	

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