



Digestion & Absorption

1 2 3 4 5

_____ :

Carbohydrates

Polysaccharide



Monosaccharide

_____ :

Lipids

Micelles



Amylase

_____ :

Maltase



Digestion & Absorption: Proteins

1 2 3 4 5

Endopeptidase

_____ :

_____ :

Exopeptidase

_____ :

Membrane
Bound
Dipeptidase

Amino Acid Absorption



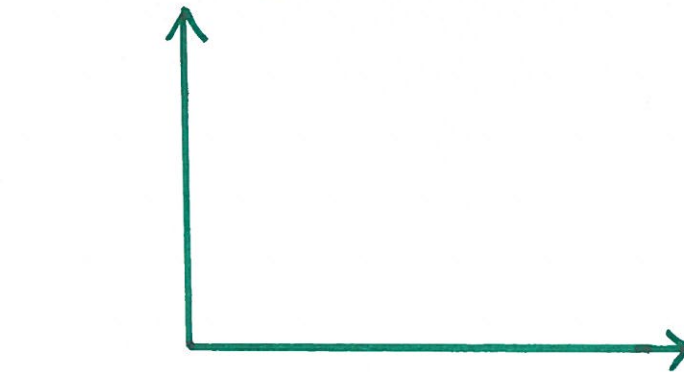


Haemoglobin

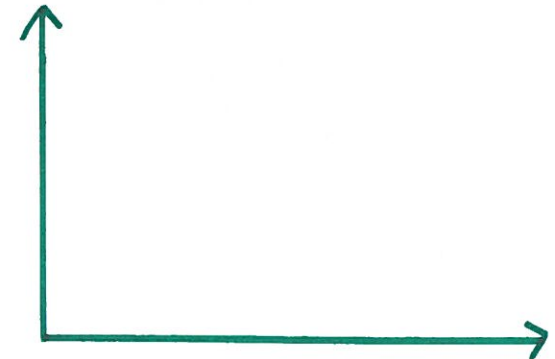
Haemoglobin

1 2 3 4 5

Oxyhaemoglobin Dissociation Curve



The Boh Shift





Comparing Haemoglobin in Different Species

1 2 3 4 5



Benefits of oxyhaemoglobin dissociation curve

→

→

→

Benefit of this oxyhaem. curve

→

→

→



Blood Vessels

1 2 3 4 5

Arteries



Veins



Capillaries





Structure of the Human Heart

1 2 3 4 5

Right Atrium

Left Atrium

Right Ventricle

Left Ventricle

①



②



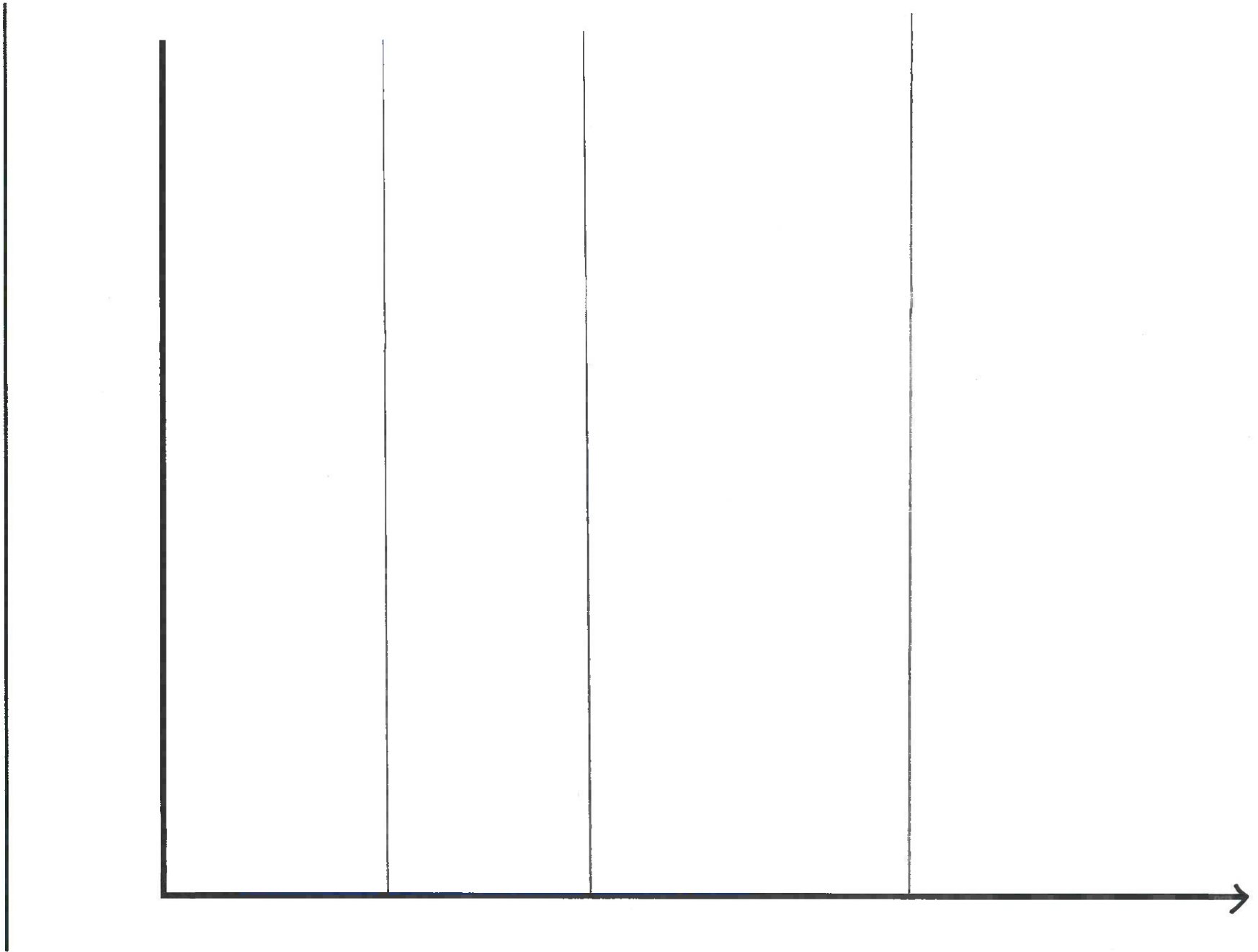
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Cardiac Cycle Graphs

1 2 3 4 5





Cardiovascular Disease + Blood Circulation

1

2

3

4

5

Atheroma

Blood Circulation

_____ :

_____ :

_____ :

Thrombosis

Aneurysm

Atheroma

→

→

→

↳

→

→

→

Myocardial
Infarction



Formation & Return of Tissue Fluid

1 2 3 4 5

Formation

Return

