

TYPES OF ANEMIA

Anemia involves a decreased oxygen carrying capacity of the blood due to a change in the amount, size, or shape of the red blood cell or the amount of hemoglobin available for binding oxygen to the cell.

	COLOR	SIZE	SHAPE
Anemia of Blood Loss <ul style="list-style-type: none">• Hemorrhage	Normochromic	Normocytic	Normal
Aplastic Anemia <ul style="list-style-type: none">• Leukemia• Medications	Normochromic	Normocytic	Normal
Iron-Deficiency Anemia <ul style="list-style-type: none">• Poor iron intake• Chronic blood loss	Hypochromic	Normocytic	Normal
Pernicious Anemia <ul style="list-style-type: none">• Poor Vitamin B12 intake	Normochromic	Macrocytic	Enlarged
Sickle Cell Anemia <ul style="list-style-type: none">• Genetics• Triggers (cold, infection)	Normochromic	Microcytic	Abnormal