

## Shape (Cell Shape)

Variation in RBC shapes (poikilocytosis)

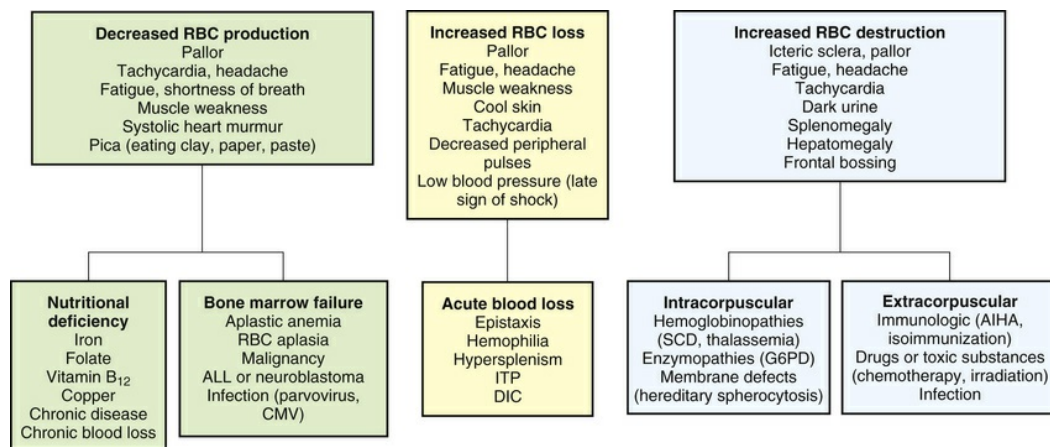
- Spherocytes (globular cells)
- Drepanocytes (sickle-shaped cells)
- Numerous other irregularly shaped cells

## Color (Cell Staining Characteristics)

Variation in hemoglobin concentration in the RBC

- Normochromic (sufficient or normal amount of hemoglobin per RBC)
- Hypochromic (reduced amount of hemoglobin per RBC)
- Hyperchromic (increased amount of hemoglobin per RBC)

*RBC*, Red blood cell.



**FIG 24-1** Classifications of anemias. *AIHA*, Autoimmune hemolytic anemia; *ALL*, acute lymphoid leukemia; *CMV*, cytomegalovirus; *DIC*, disseminated intravascular coagulation; *G6PD*, glucose-6-phosphate dehydrogenase; *ITP*, idiopathic thrombocytopenic purpura; *RBC*, red blood cell; *SCD*, sickle cell disease.