

FISIOPATOLOGÍA II

ALUMNA: YADIRA GUADALUPE MORALES RAMÍREZ.

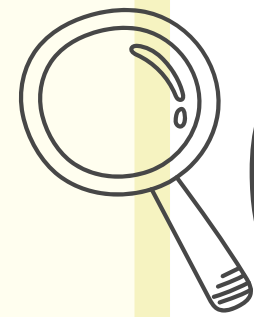
ESCUELA. UNIVERSIDAD DEL SURESTE "UDS".

CATEDRÁTICA. DANIELA MONSERRATH MÉNDEZ GUILLEN

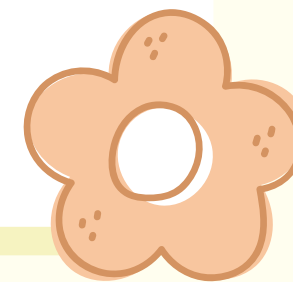
NOMBRE DE LA ACTIVIDAD. SÚPER NOTAS DE FISIOPATOLOGÍA II

CUARTO CUATRIMESTRE, GRUPO A.

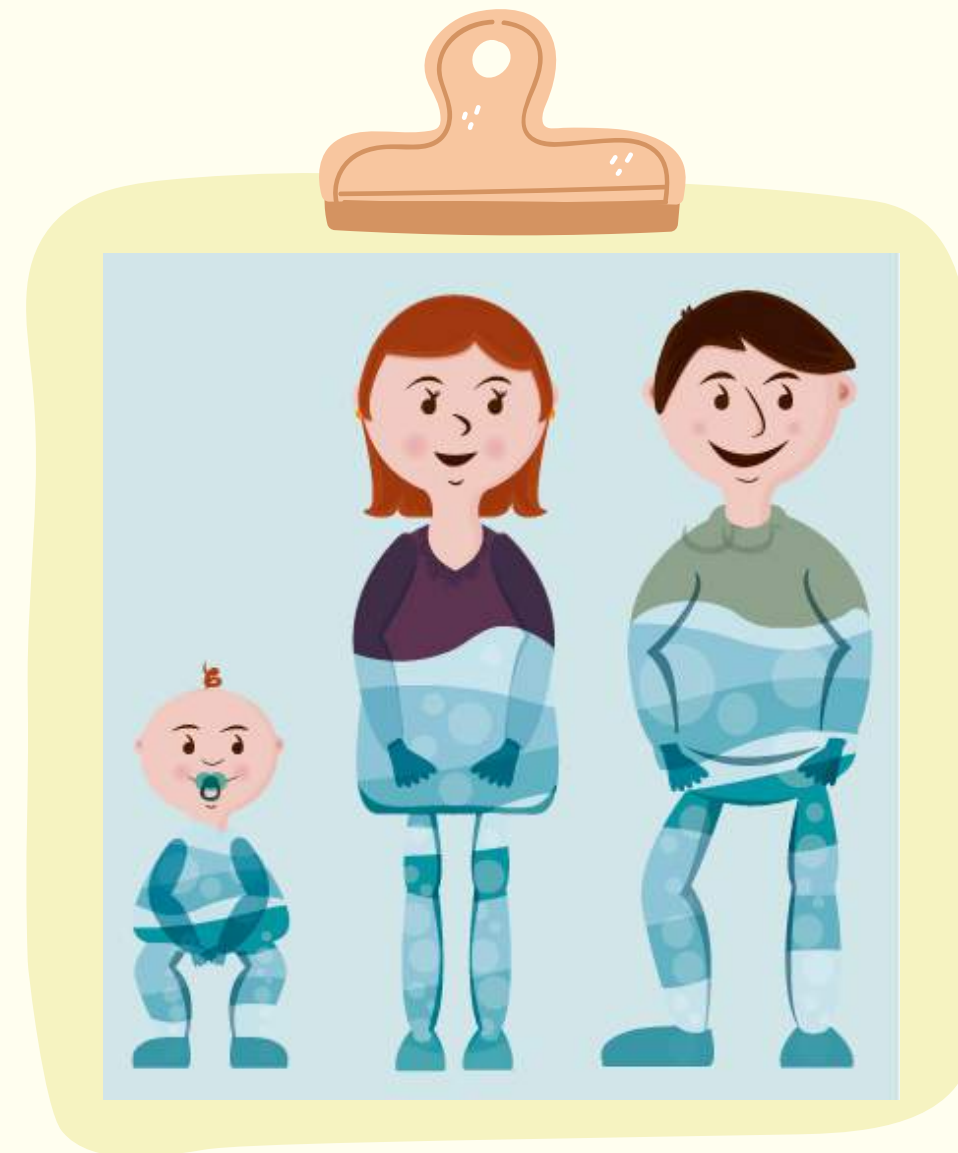
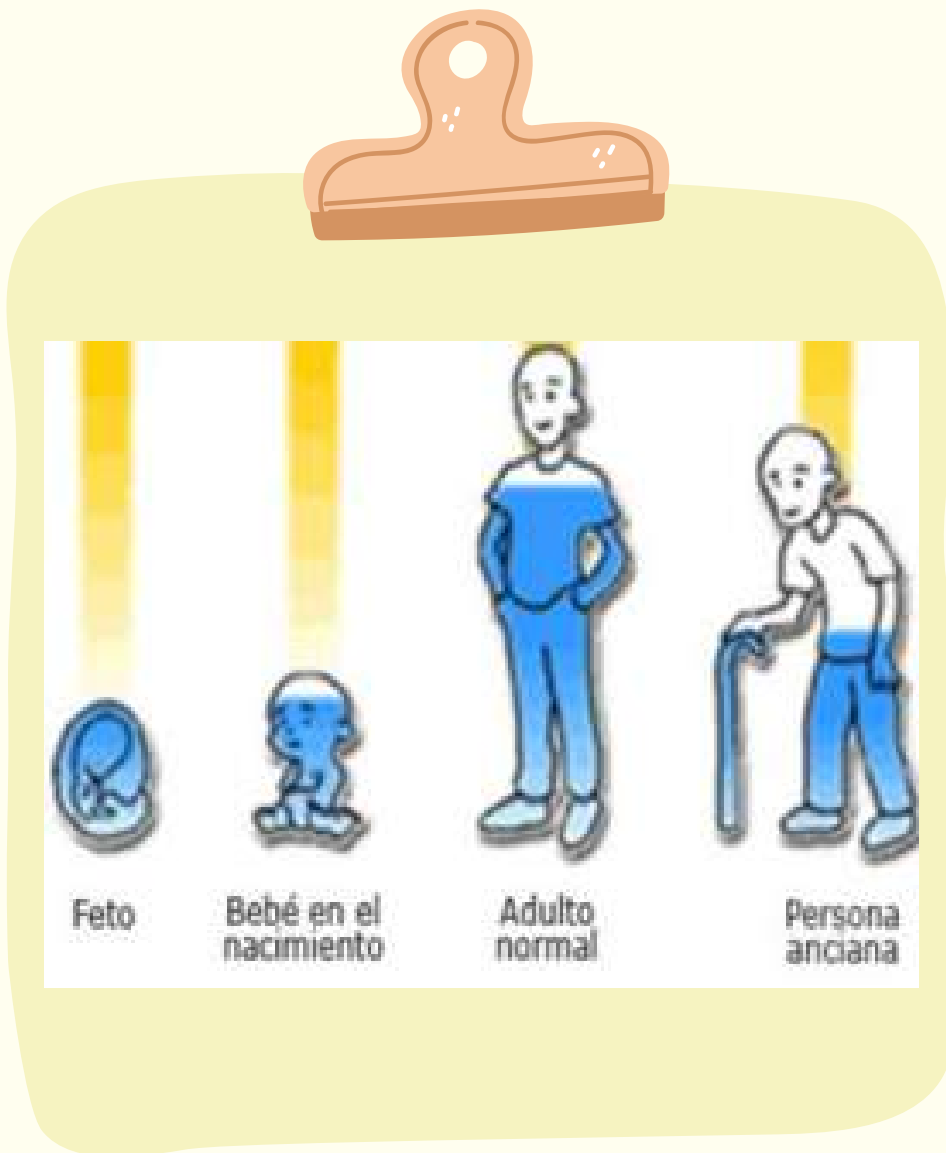
LUGAR Y FECHA. COMITÁN DE DOMÍNGUEZ, CHIAPAS. NOVIEMBRE DE 2023.



DEFINICIÓN DE COMPARTIMENTOS LIC Y LEC




El porcentaje de agua también cambia con edad, sexo y constitución corporal



El agua corporal se distribuye en líquido intracelular y líquido extracelular

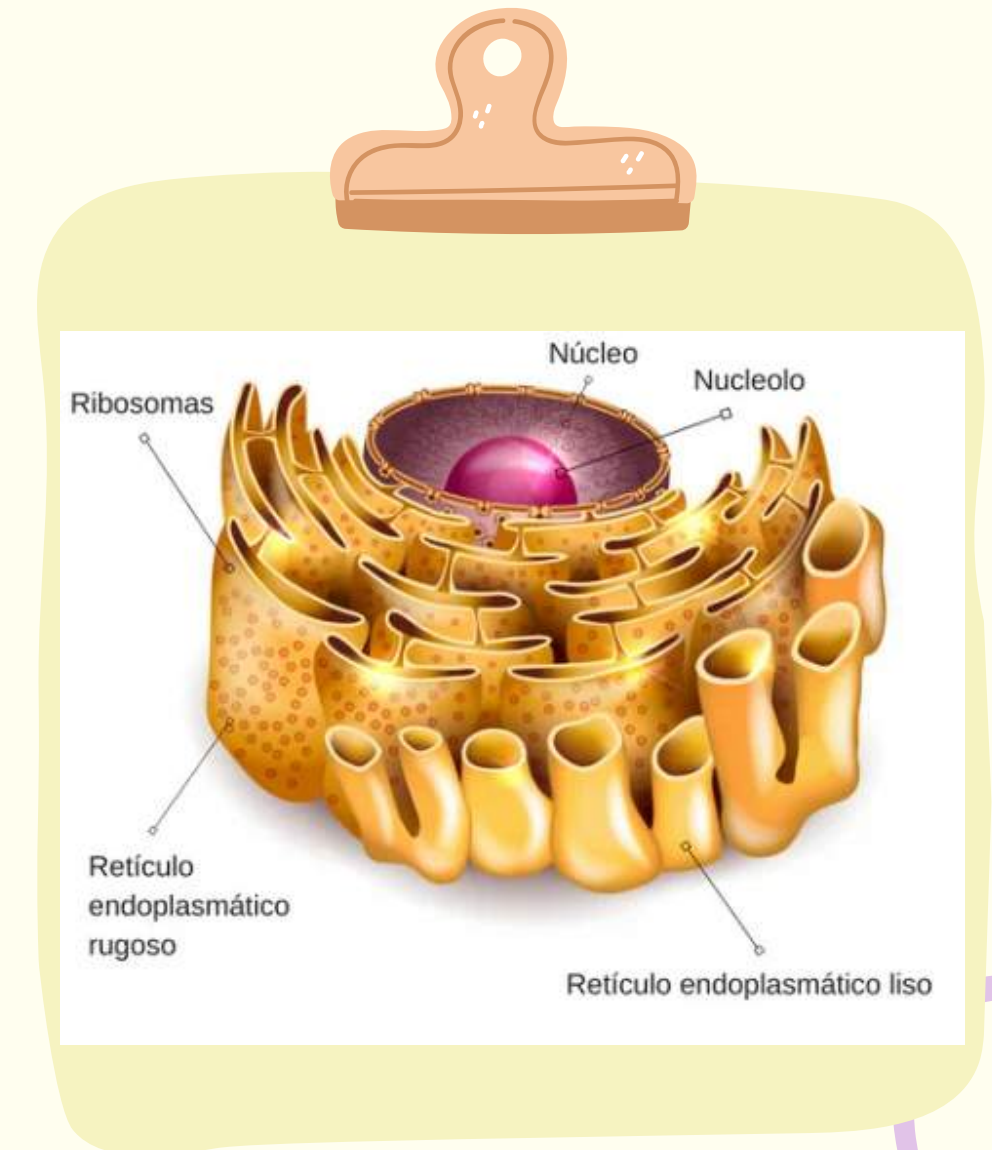
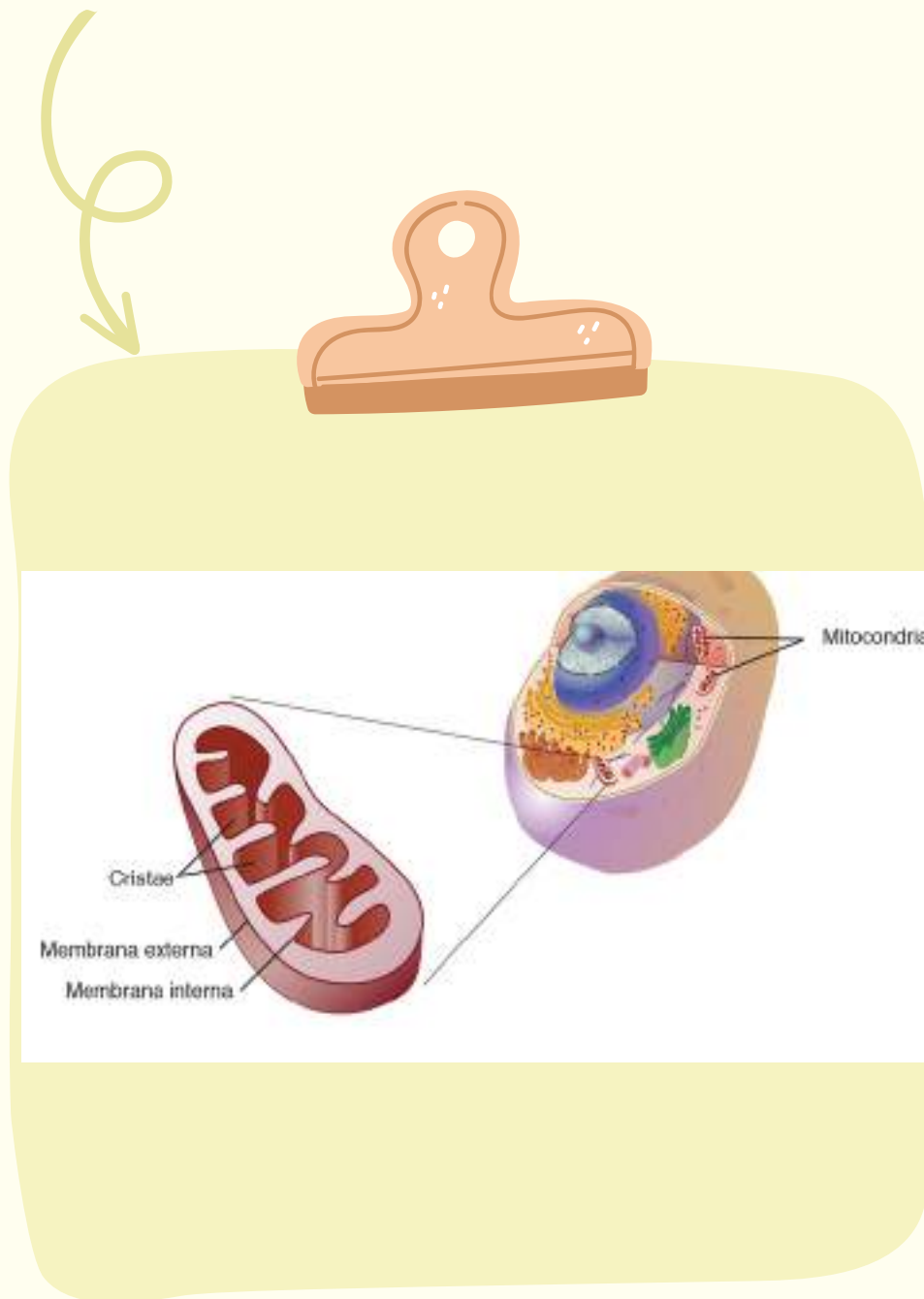




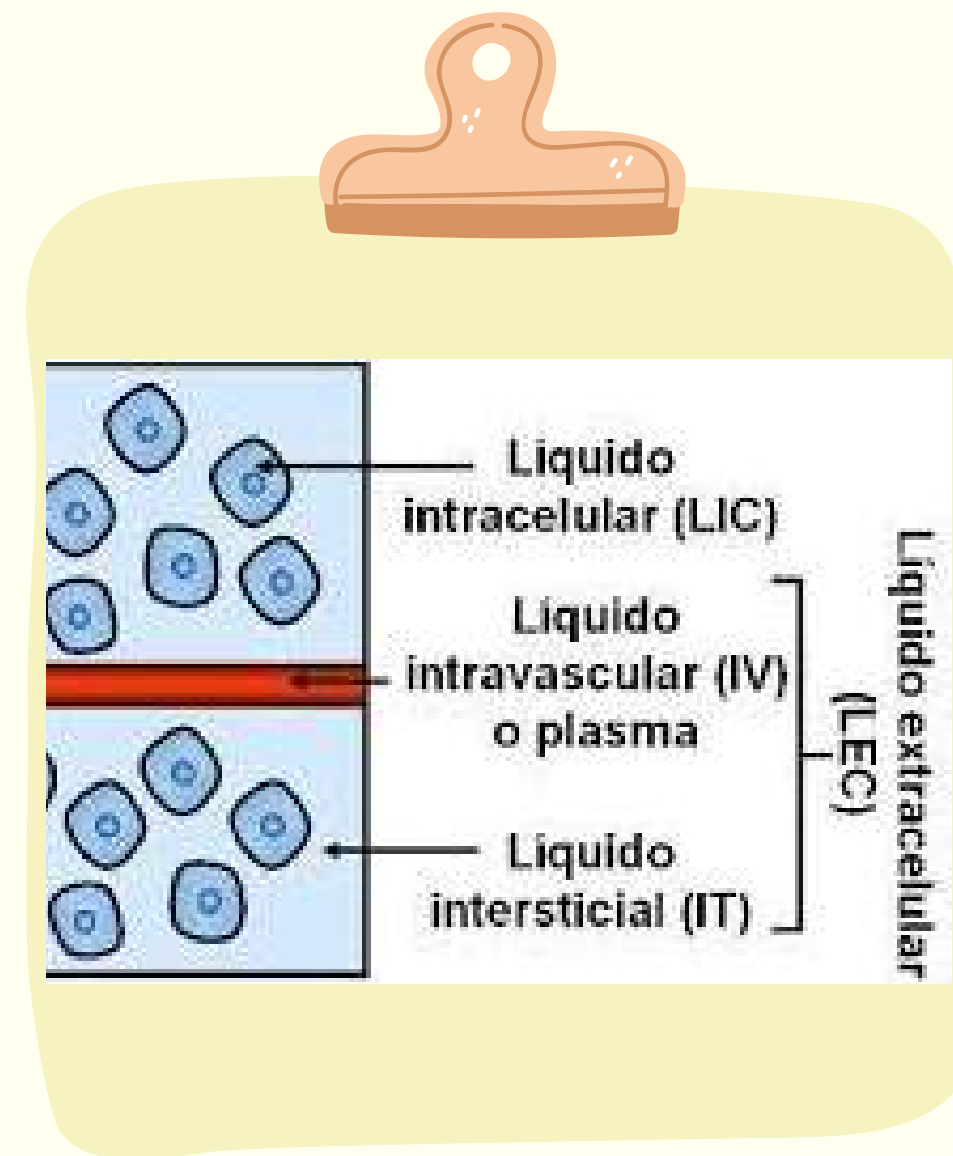
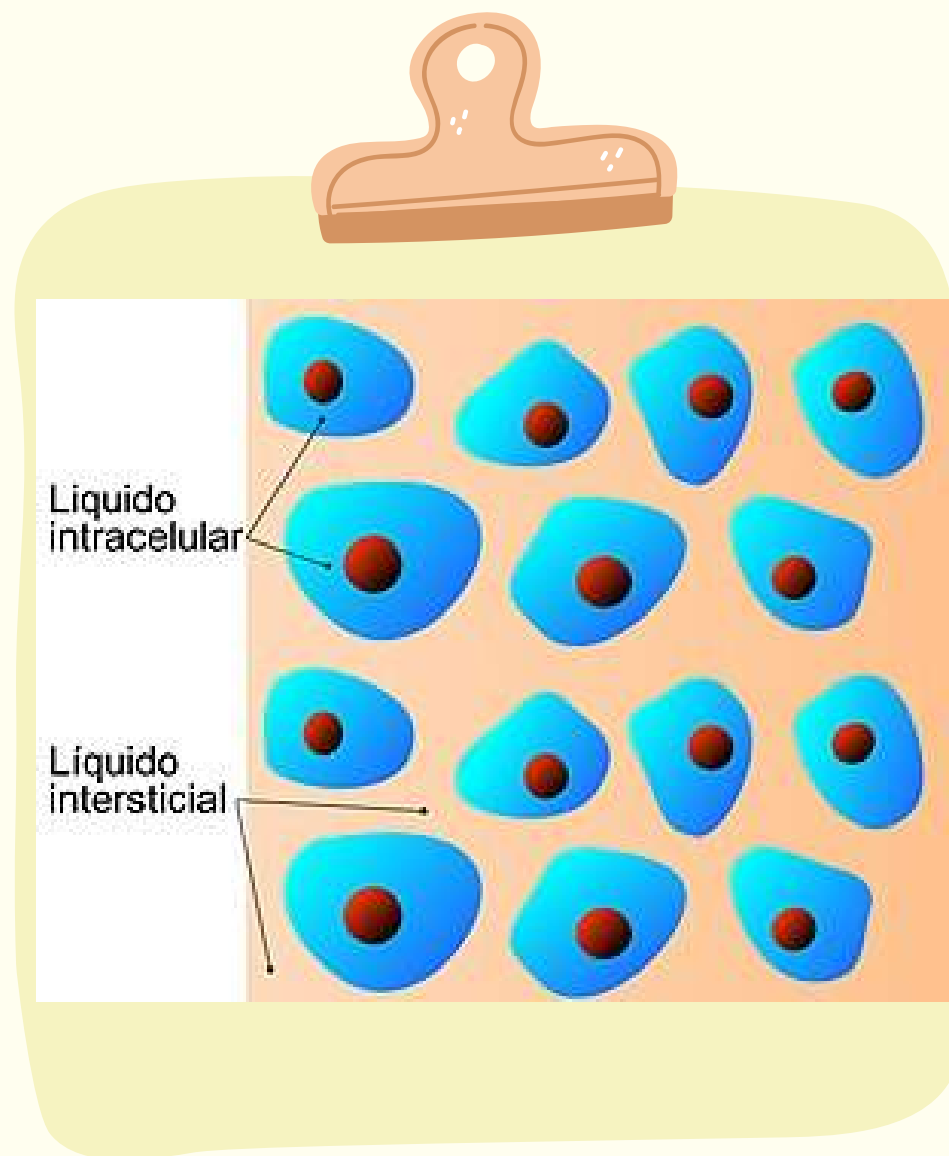
DIFERENCIA ENTRE LOS COMPONENTES LÍQUIDOS Y SU FUNCIÓN

Orgánulos dentro del líquido intracelular

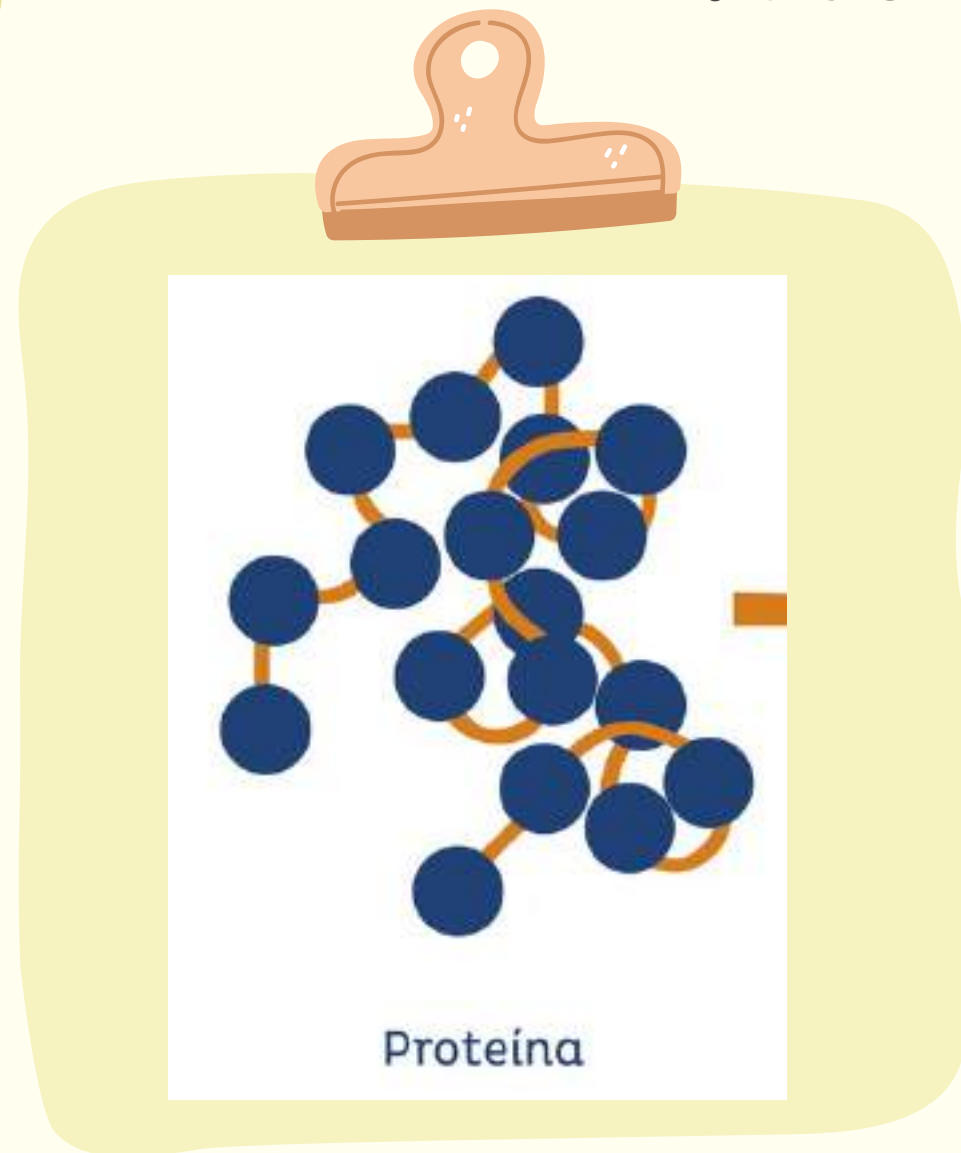
Mitocondrias, núcleo, cuerpos de Golgi, lisosomas y retículo endoplásmico




El líquido extracelular consta de: Líquido intersticial y plasma



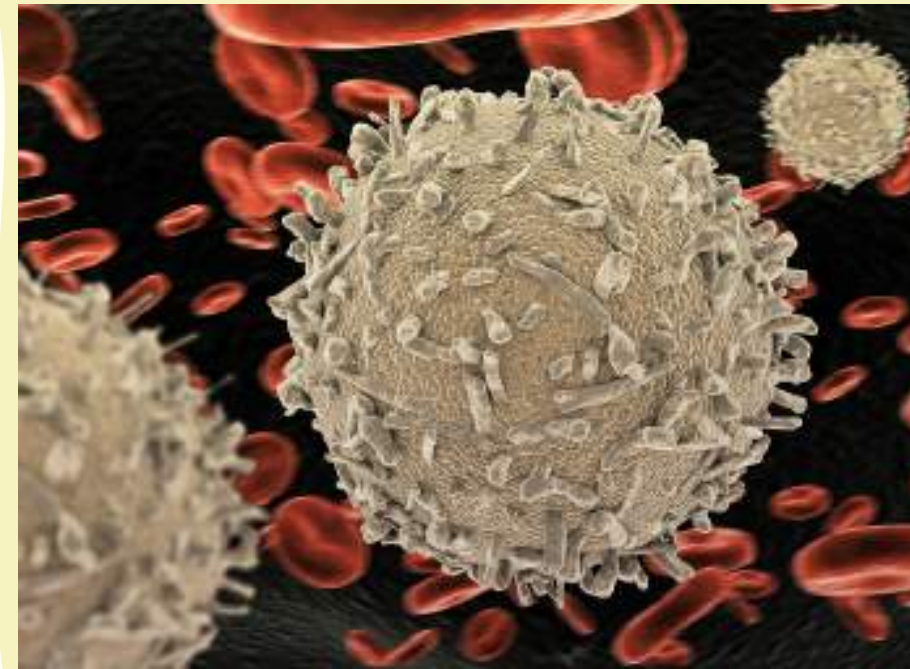
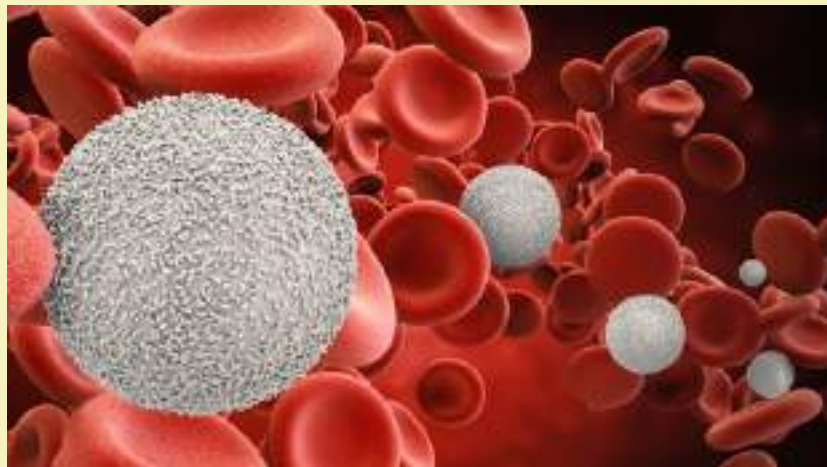
El líquido intercelular se compone de:
Proteínas y aminoácidos



The background features a light yellow central area with a white rectangular frame. The frame has a pink grid pattern at the top center and a row of yellow circular patterns along the top edge. The text is centered within this frame. The background is decorated with various colorful shapes: pink and purple wavy shapes at the top, orange and green wavy shapes at the bottom, and scattered purple and orange dots. A magnifying glass icon is on the left side of the frame, and a flower icon is on the bottom right.

LEUCOCITOS. TIPOS, PROPIEDADES Y FUNCIONES

Un leucocito o glóbulo blanco se produce en la médula ósea y se encuentra en la sangre y el tejido linfático



Granulocitos son los más frecuente en la sangre



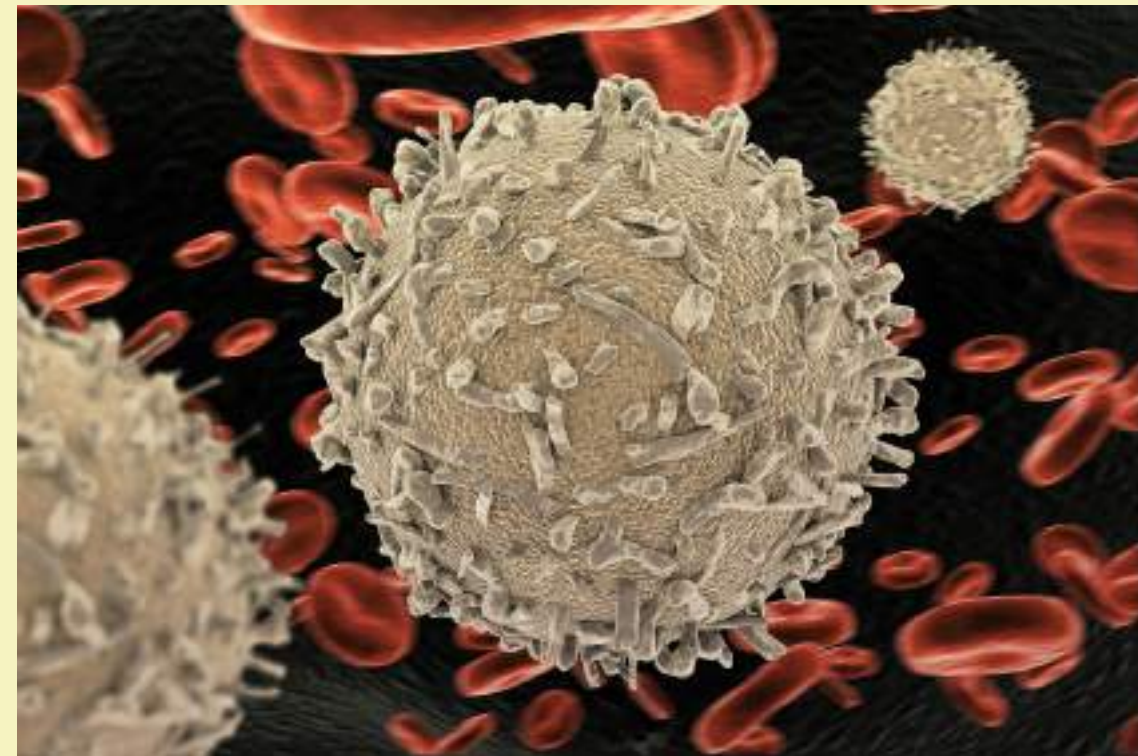
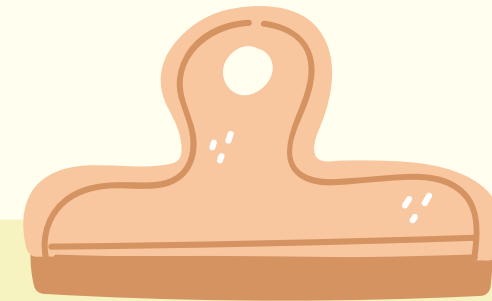
Agranulocitos son células carentes de gránulos de naturaleza mononuclear



The background features a light yellow central area with a white rectangular frame. The frame has a pink grid pattern at the top center and a row of yellow circular punch holes along its top edge. The text is centered within this frame. Surrounding the frame are various decorative elements: pink stars in the top left, purple oval shapes in the top right, a magnifying glass icon on the left side, a brown flower icon in the bottom right, and abstract shapes in shades of pink, purple, orange, and green at the corners.

FISIOPATOLOGÍA DE LOS LEUCOCITOS

Los leucocitos importantes para defensa del cuerpo



Tipos principales son: Basófilos, Eosinófilos,
Linfocitos, Monocitos y Neutrófilos



Monocito



Linfocito



Neutrófilo

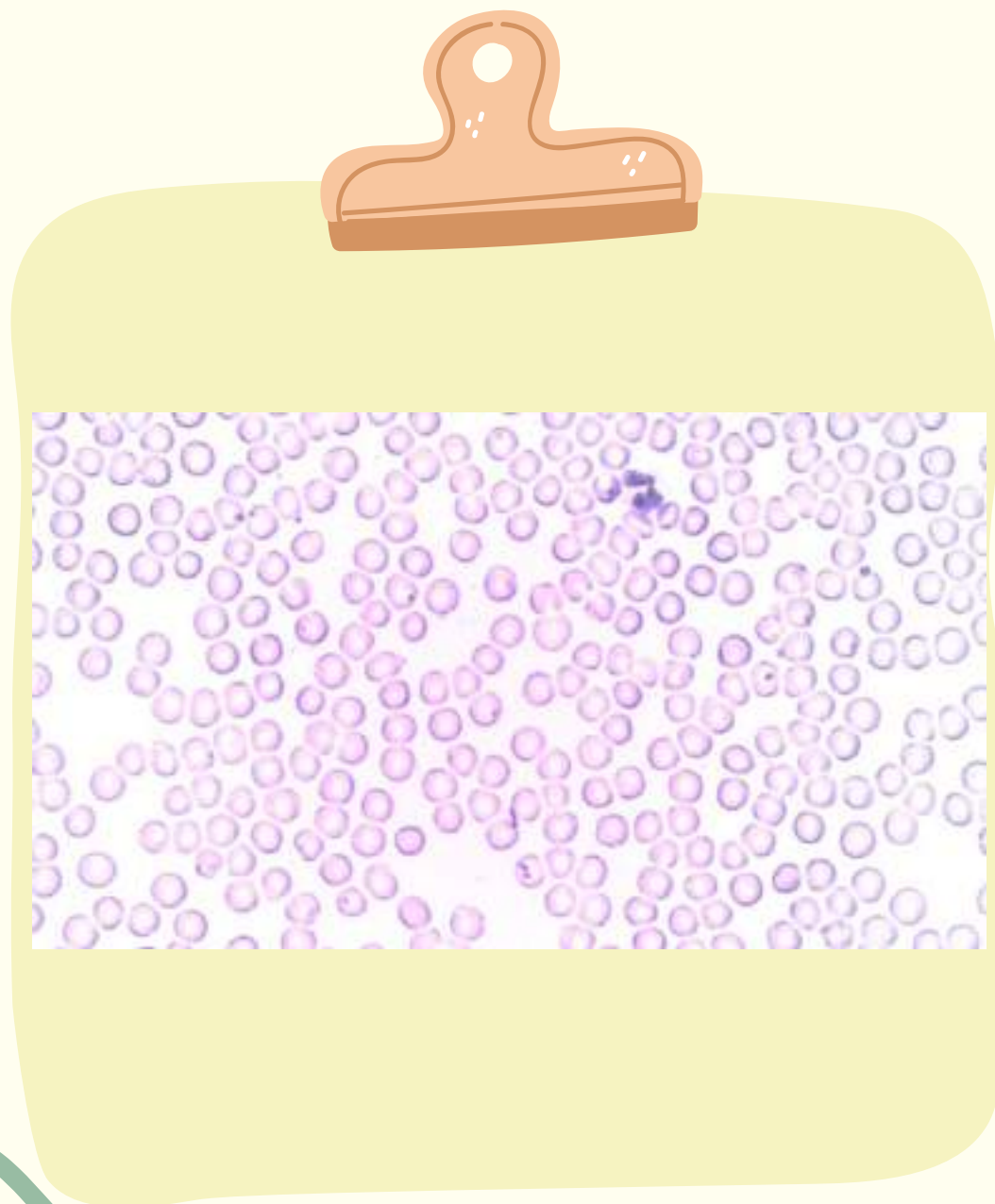


Eosinófilo

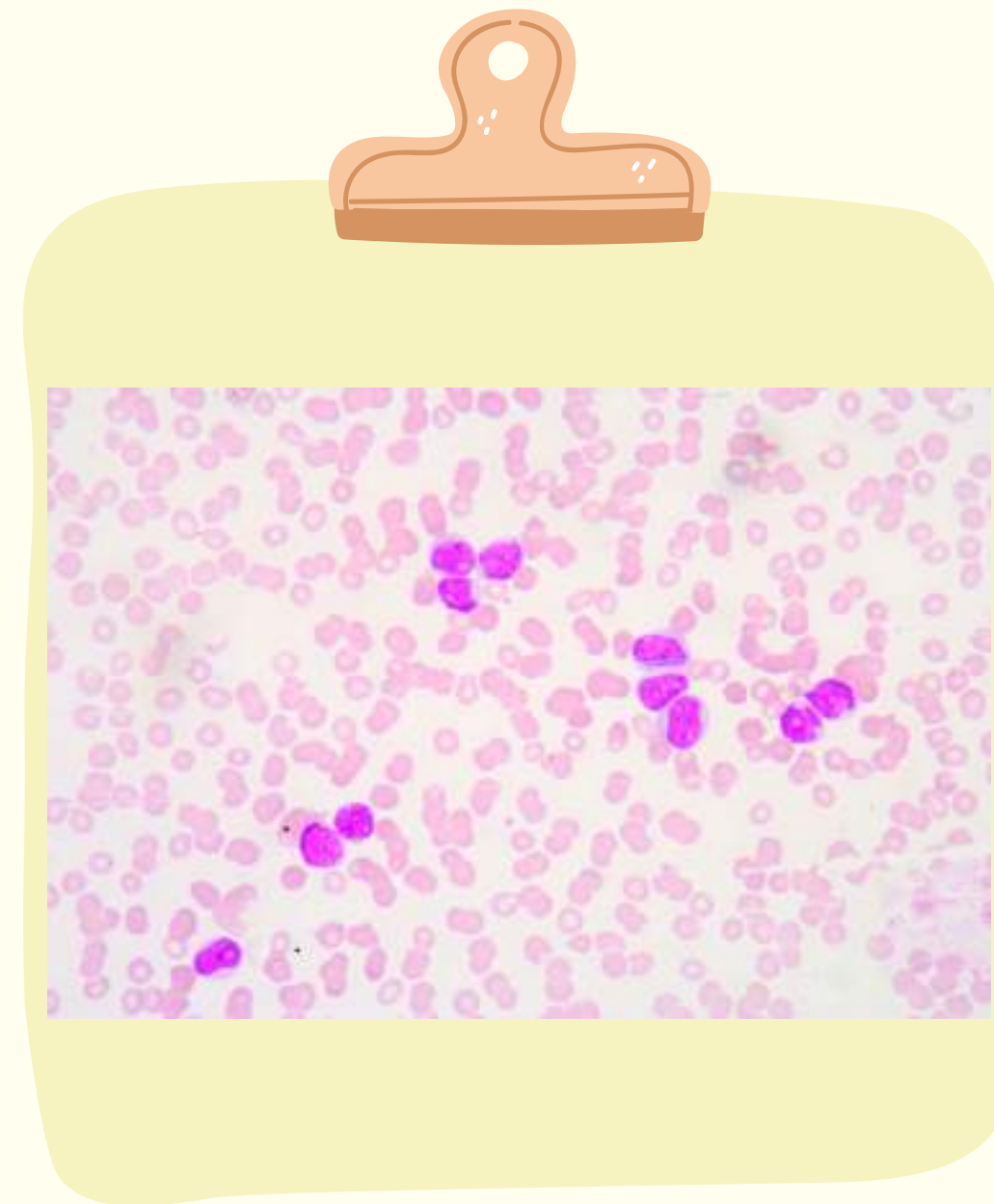


Basófilo

**La leucopenia es
una disminución**

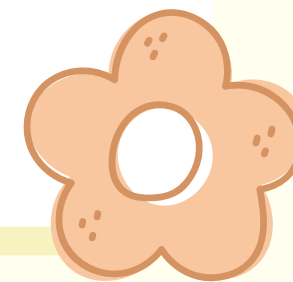
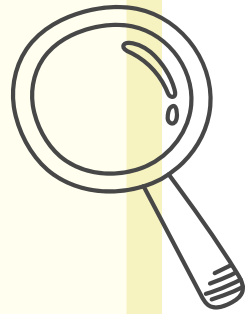


**La leucocitosis
es un aumento**

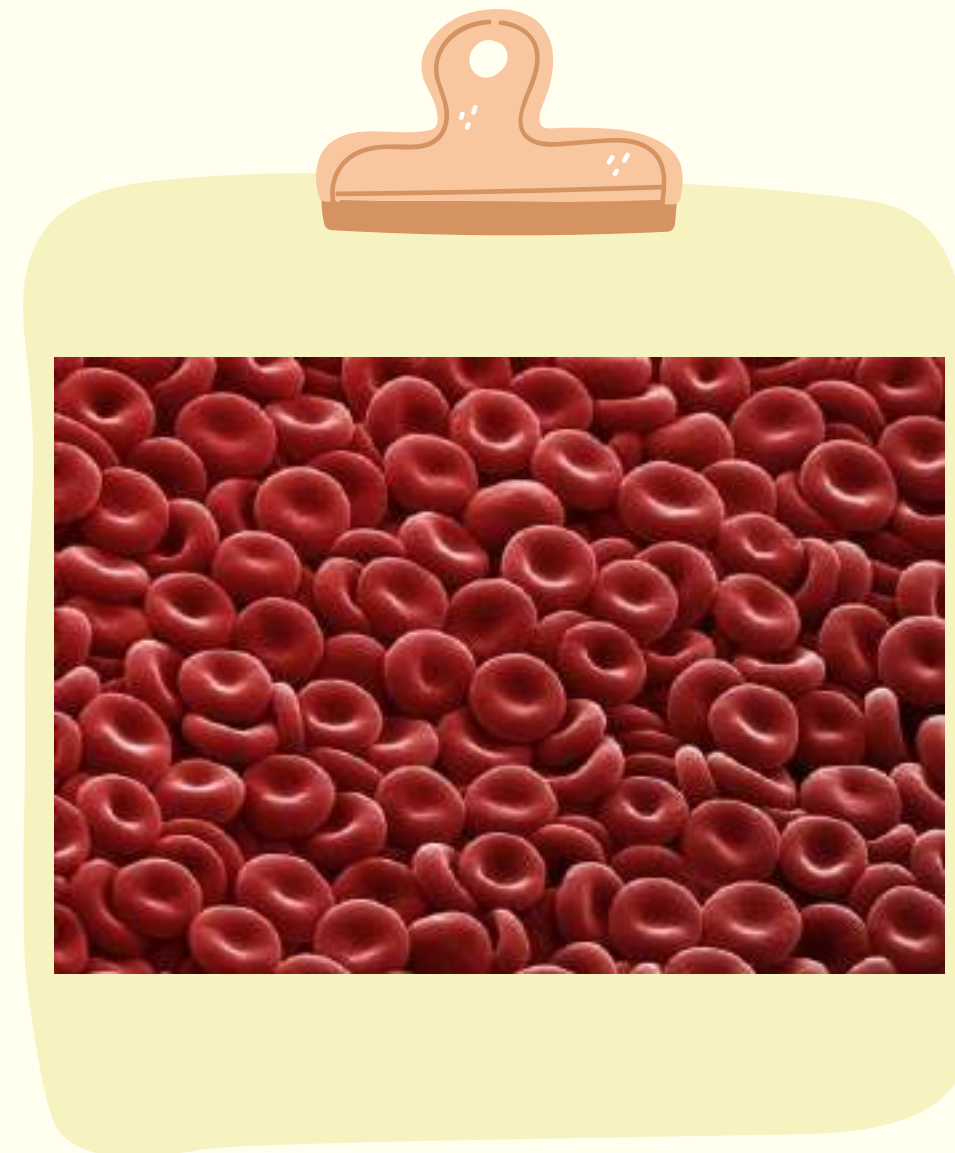


The background features a light yellow central area with a white rectangular frame. The frame has a pink grid pattern at the top center and a row of yellow circular punch holes along the top edge. The text is centered within this frame. The overall design is colorful and playful, with pink, purple, orange, and green abstract shapes and icons scattered around the central text.

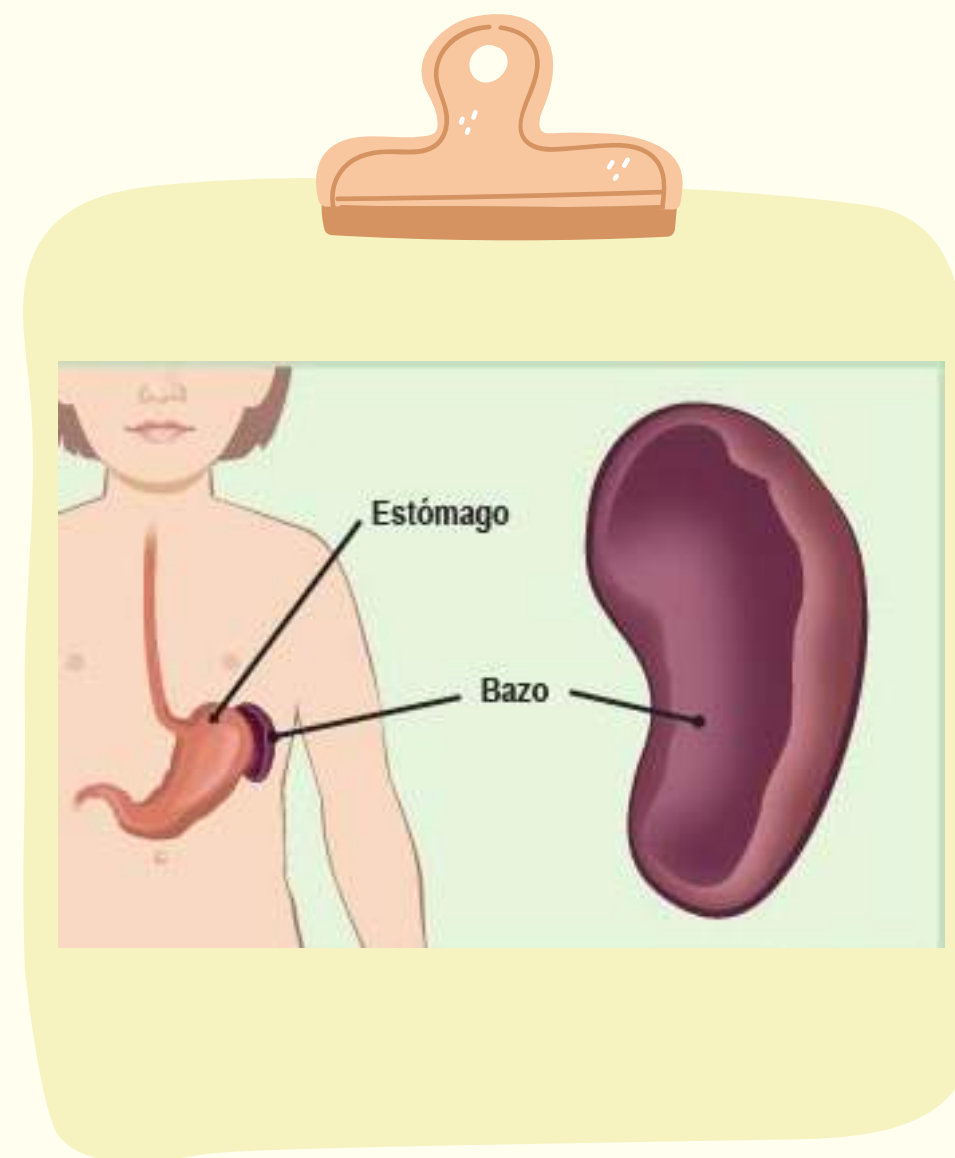
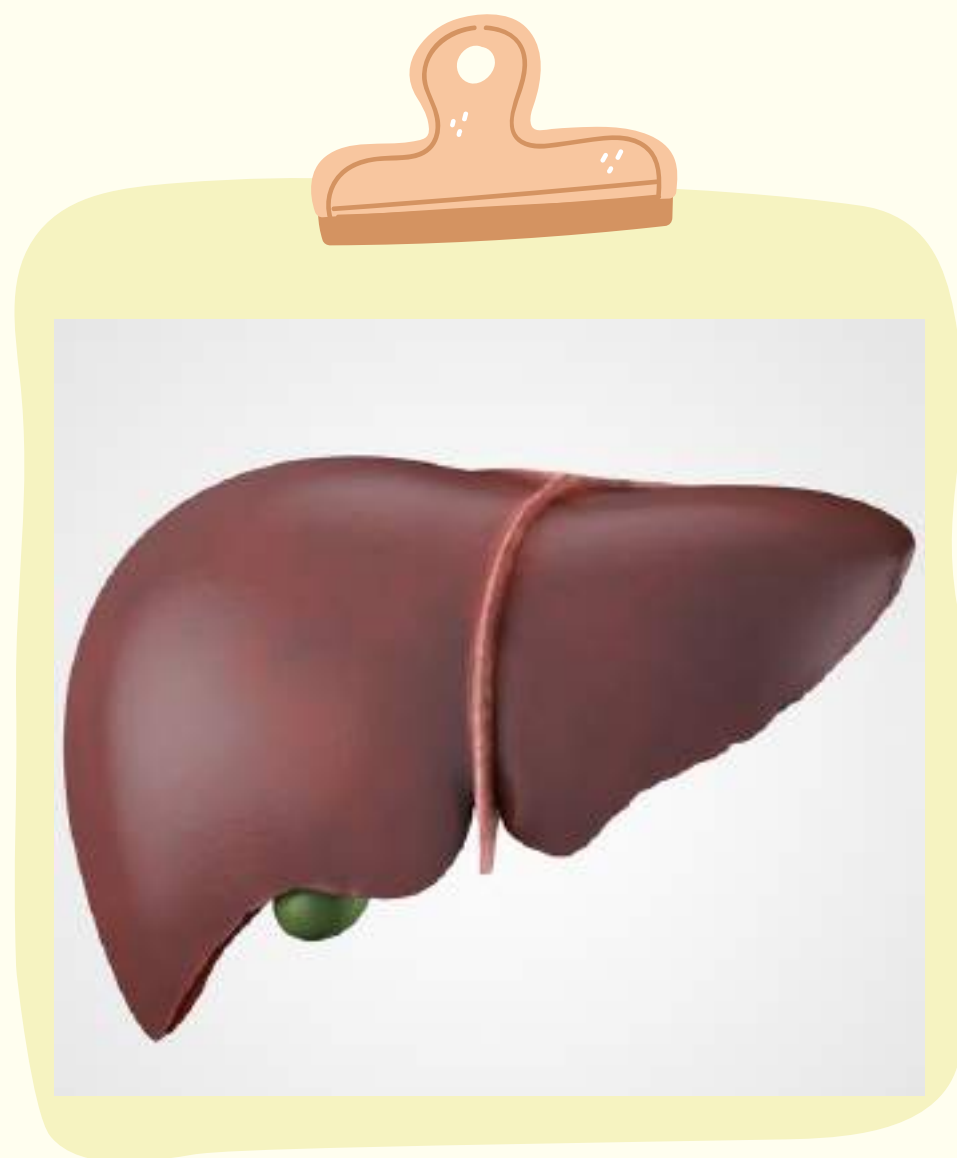
PROPIEDADES Y FUNCIONES DE LOS ERITROCITOS




Los eritrocitos transportan O_2 y CO_2 entre pulmones y tejidos



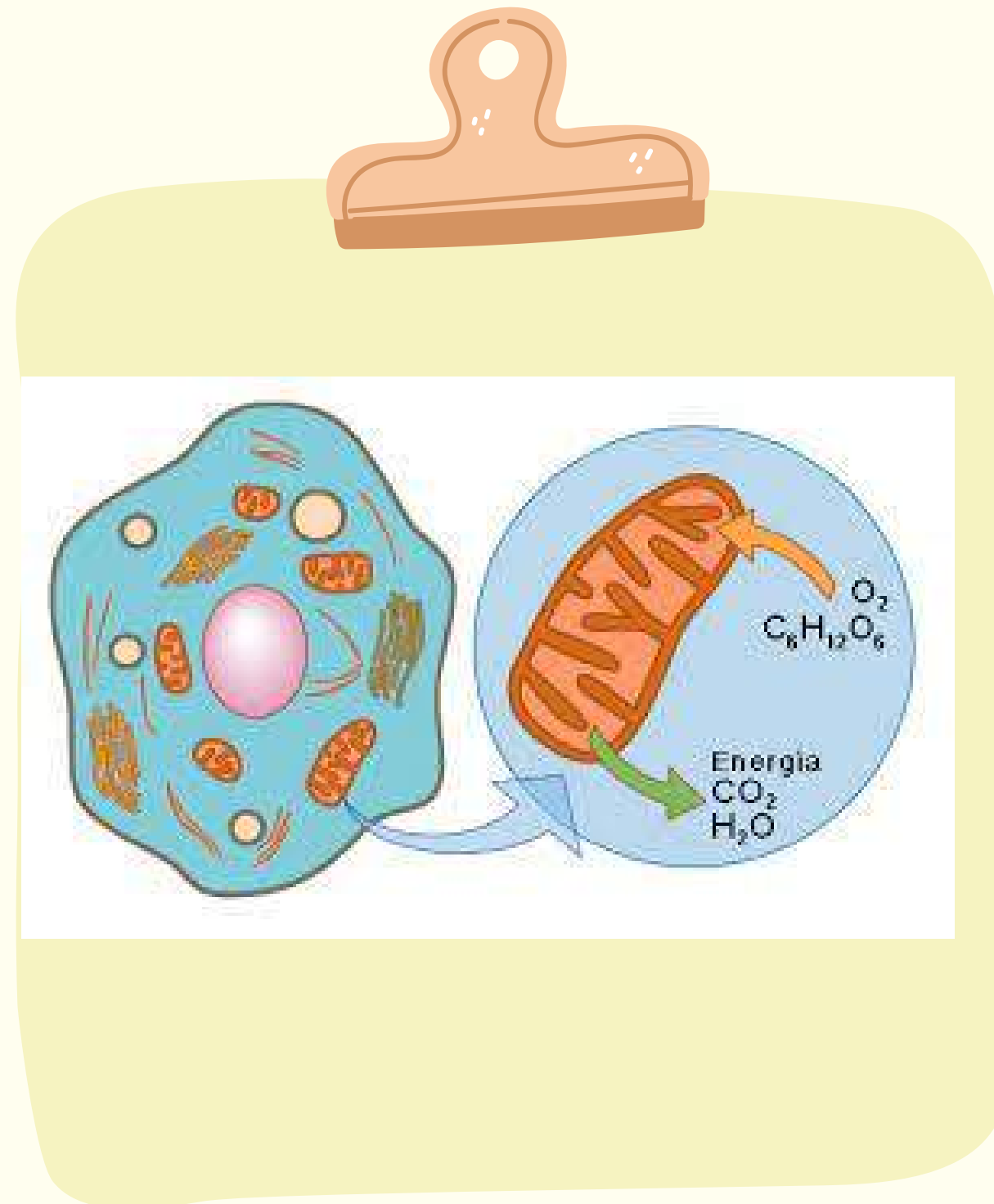
Los eritrocitos viejos son reciclados por macrófagos del bazo, hígado, médula ósea, etc.



The background features a light yellow central area with a white rectangular frame. The frame has a pink grid pattern at the top center and a row of yellow circular icons along the top edge. The text is centered within the frame. The background is decorated with various elements: pink stars in the top left, purple oval shapes in the top right, a magnifying glass icon on the left side of the frame, a brown flower icon in the bottom right, and abstract shapes in shades of pink, purple, orange, and green at the corners.

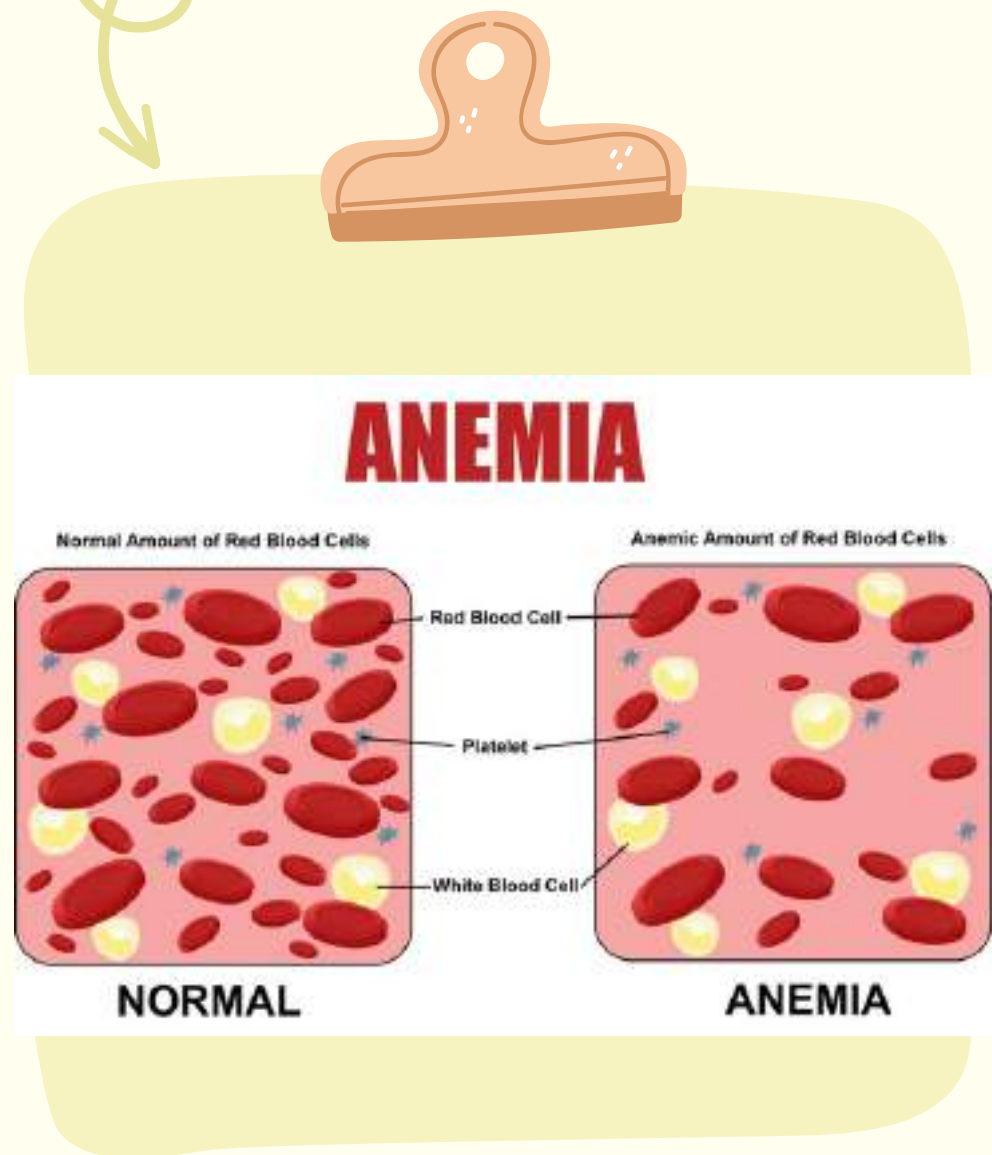
FISIOPATOLOGÍA DEL SISTEMA ERITROCITARIO

Las células necesitan O_2 para desarrollarse, reproducirse y mantenerse sanas

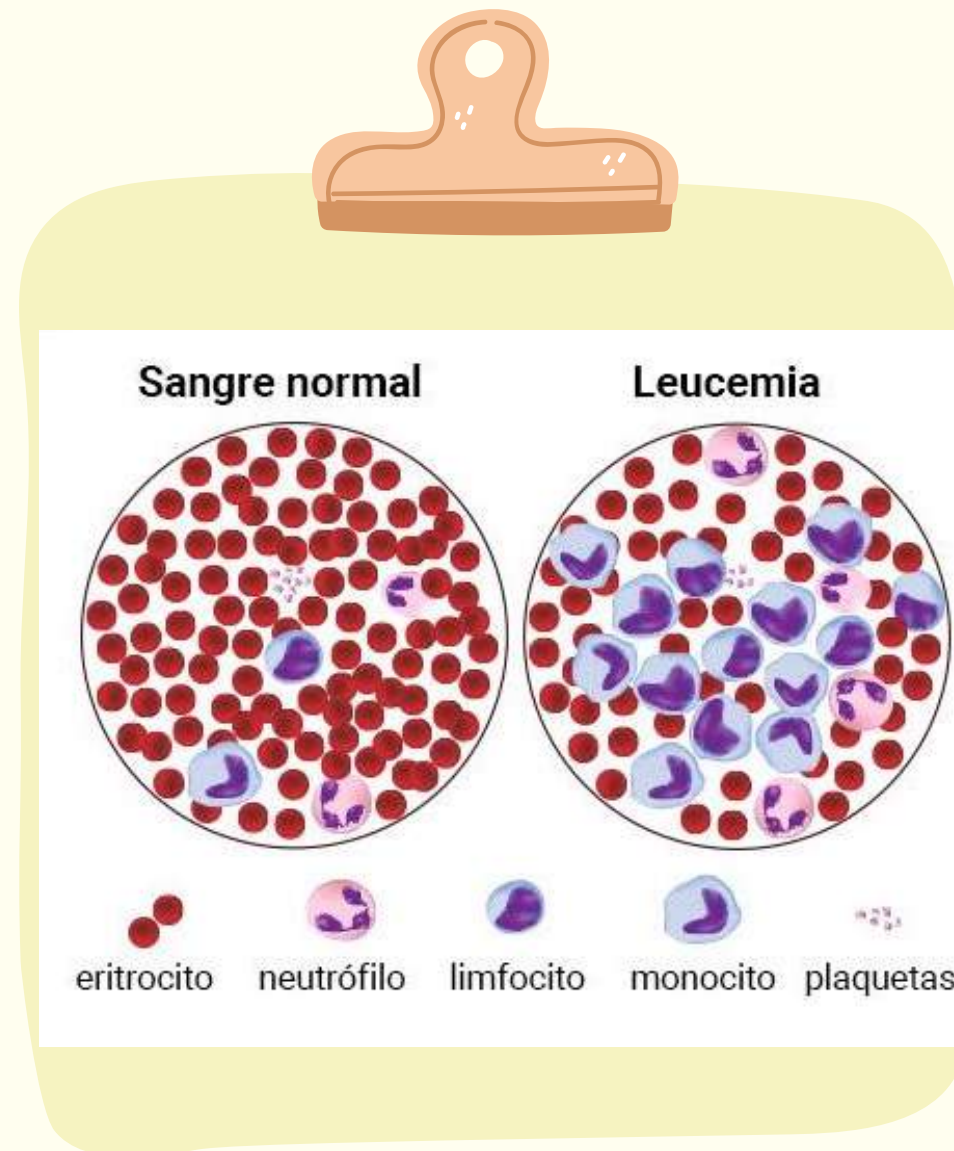


Conteo bajo de eritrocitos puede ser signo de:

Anemia



Leucemia



Desnutrición

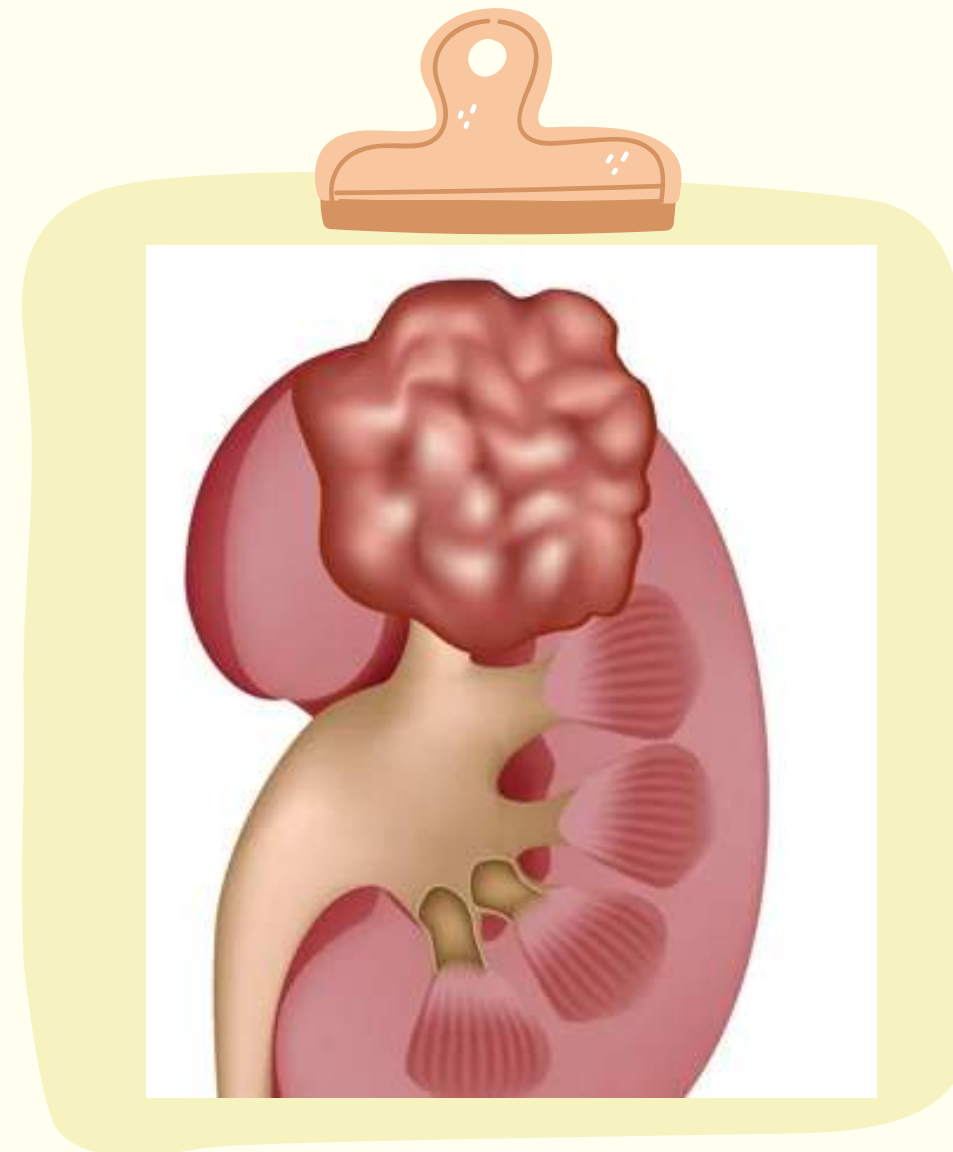
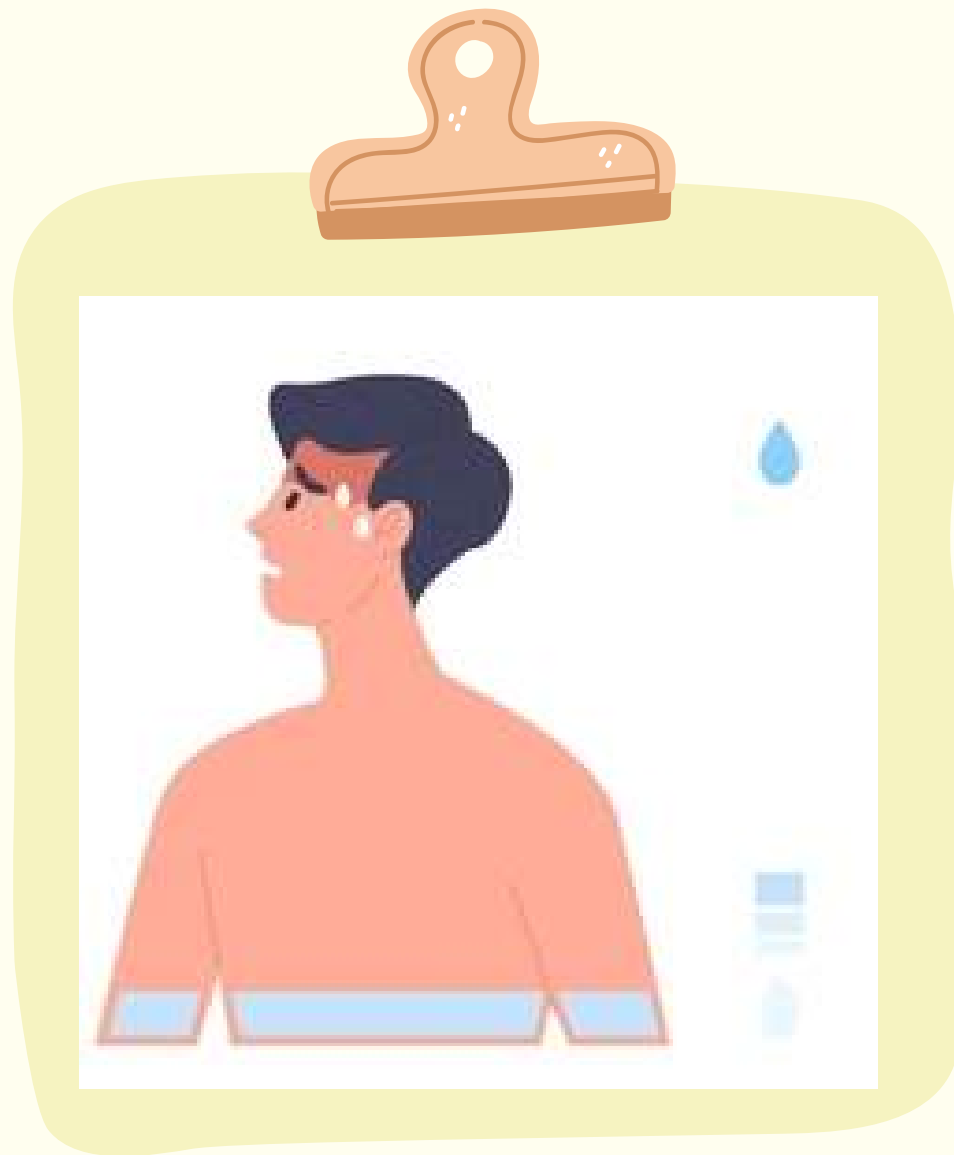


Conteo alto de eritrocitos puede ser signo de:

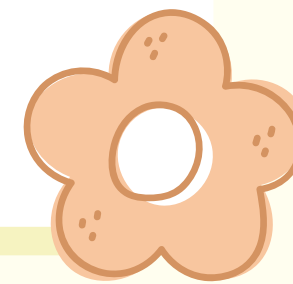
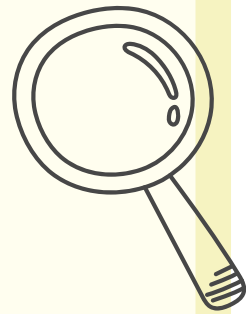
Deshidratación

Cáncer de riñón

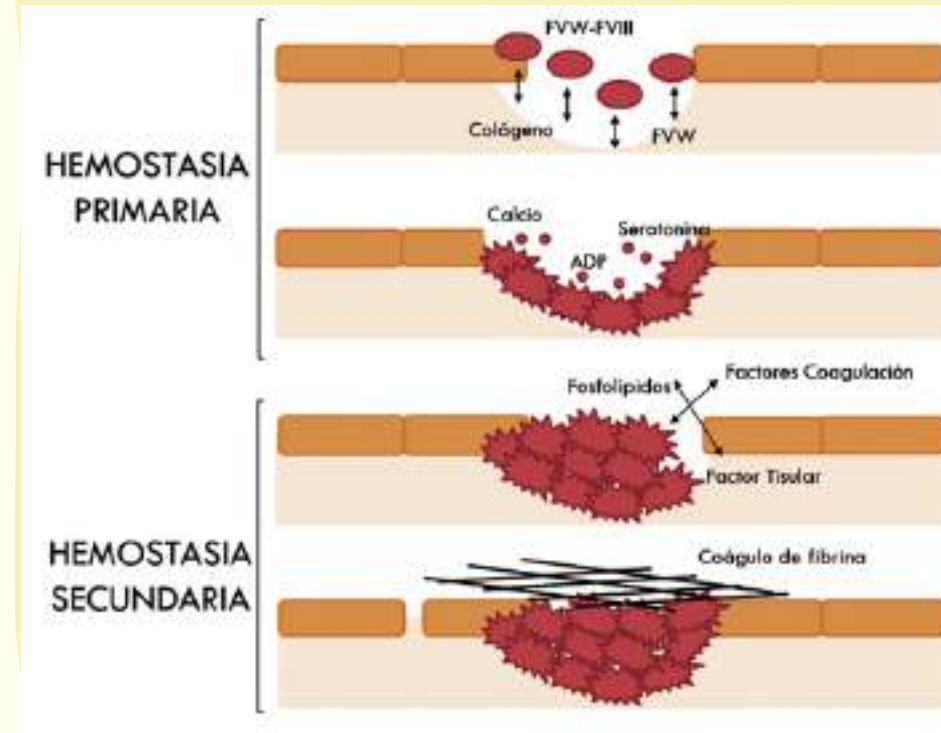
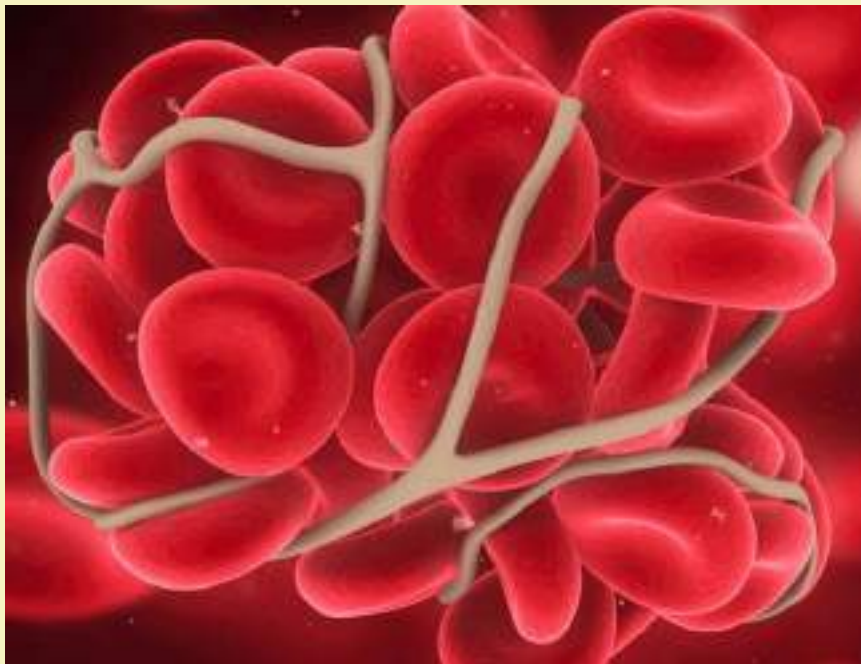
E. pulmonar



HEMOSTASIA



Conjunto de fenómenos que ayudan a prevenir hemorragias



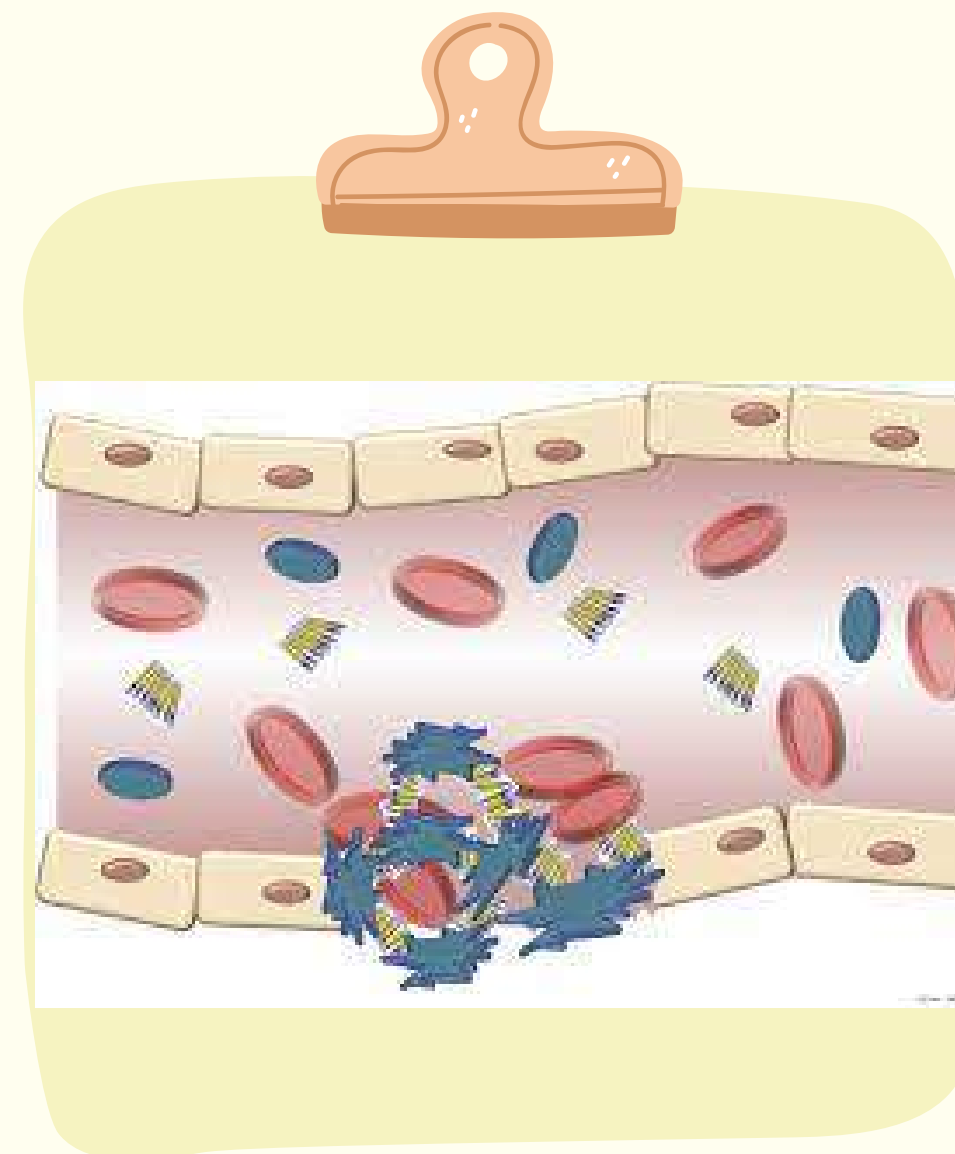
The background features a light yellow central area with a white rectangular frame. The frame is decorated with a pink grid pattern at the top center, a row of yellow circular icons along the top edge, and a magnifying glass icon on the left side. The text is centered within the frame. The background is further embellished with large, soft-edged shapes in pink, purple, orange, and green, along with scattered star and dot motifs.

FISIOPATOLOGÍA DE LA HEMOSTASIA Y TROMBOSIS

Alteraciones congénitas:

Hemofilia

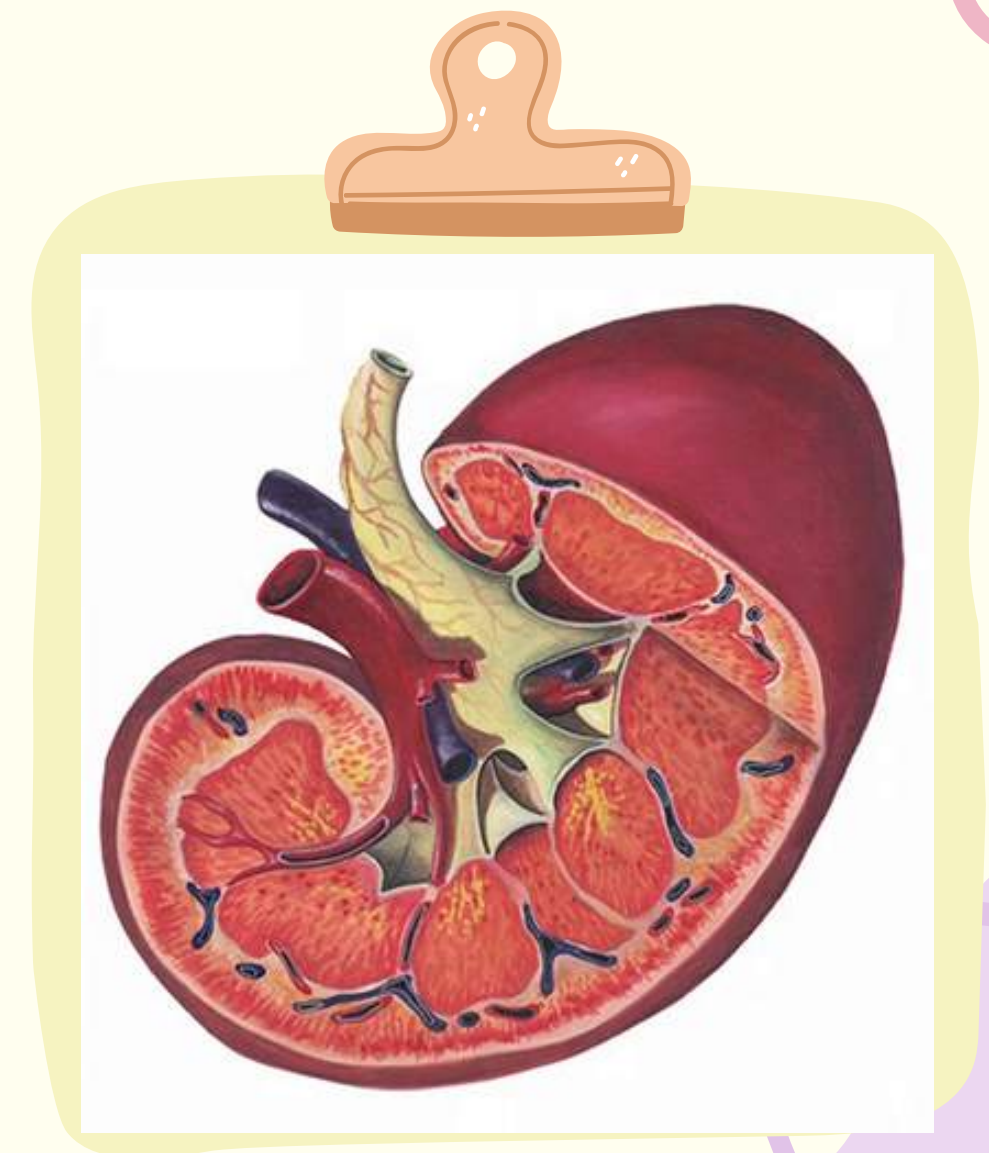
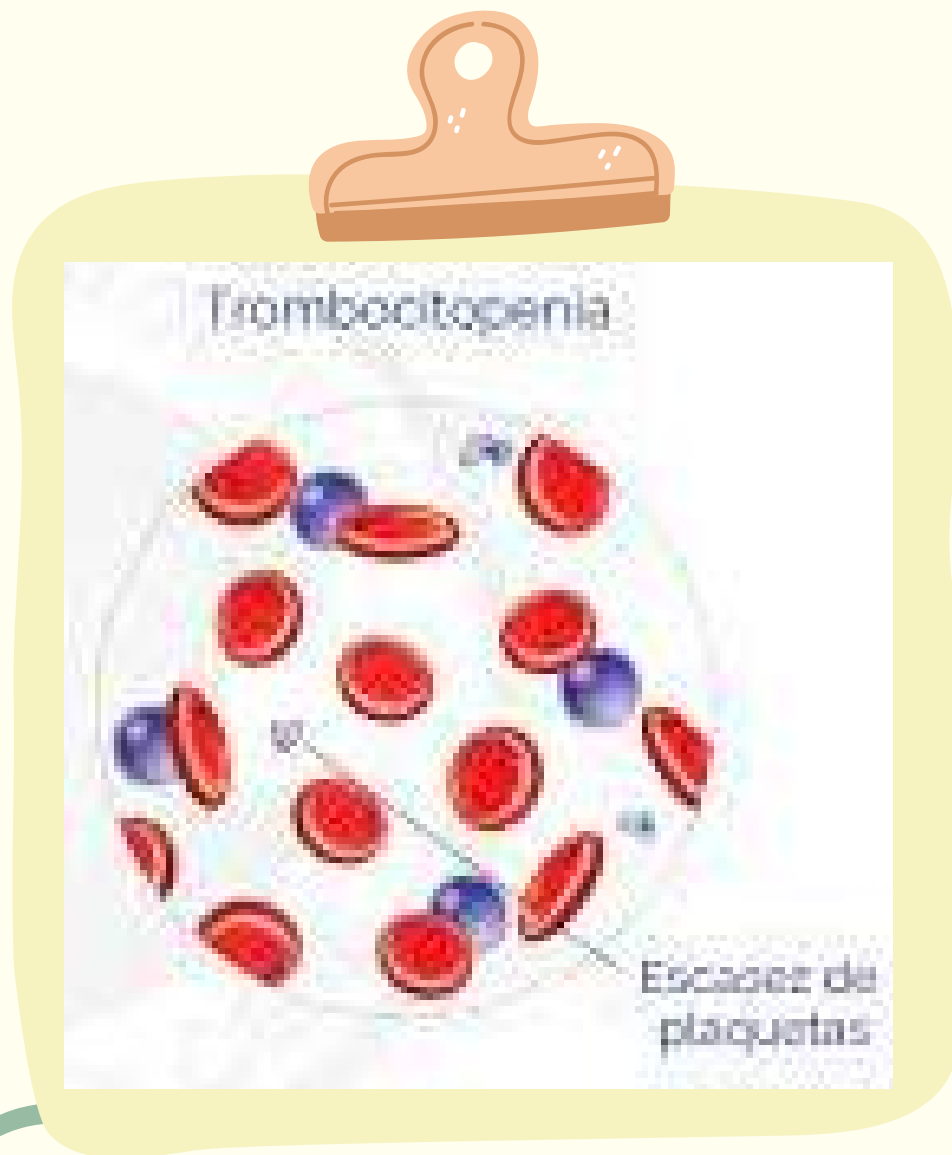
E. de von Willebrand



Alteraciones adquiridas:

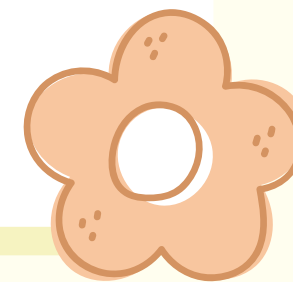
Trombocitopenia Hepatitis, cirrosis

Uremia





EXÁMENES CLÍNICOS DE DIAGNÓSTICO Y VALORES DE REFERENCIA



Hemograma completo análisis de sangre que evalúa el estado de salud general

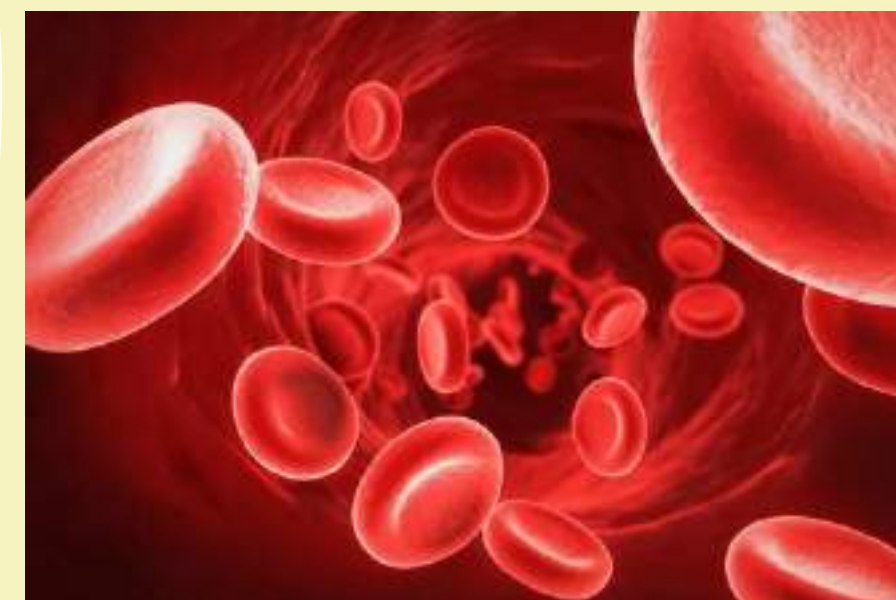
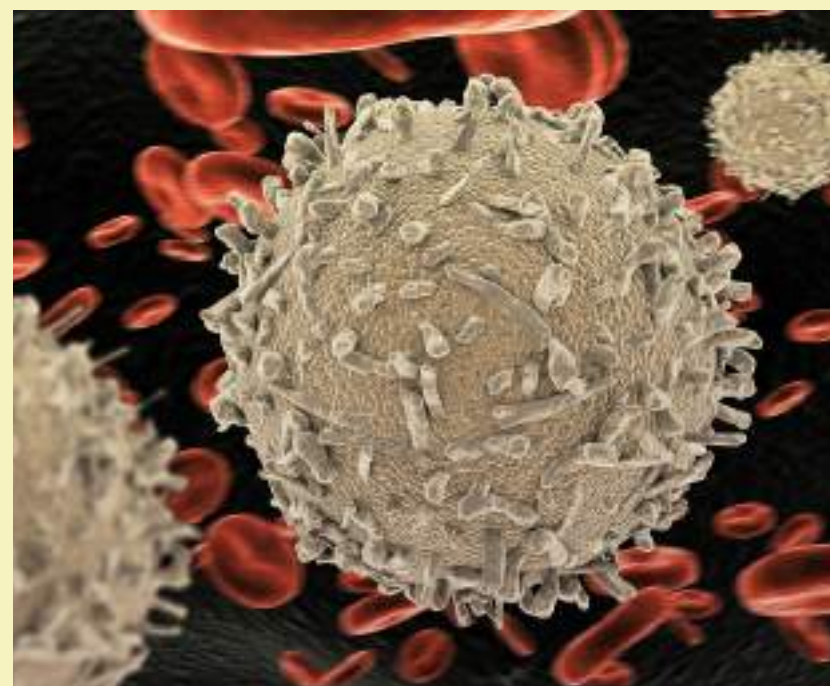
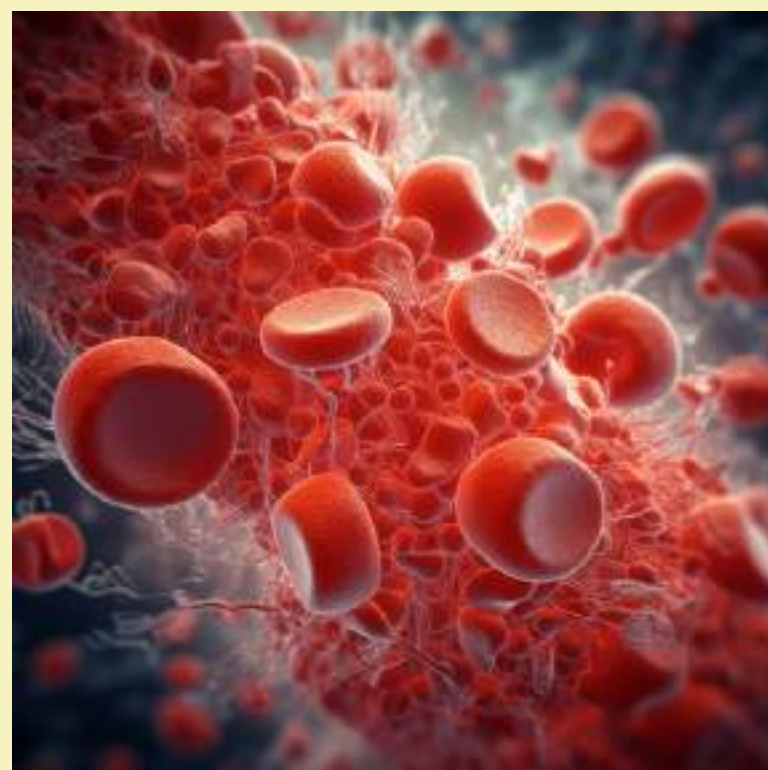


El hemograma completo mide:

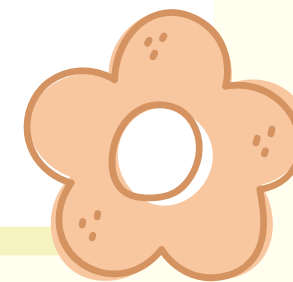
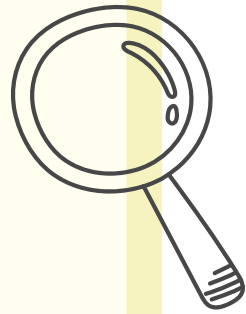
Eritrocitos

Leucocitos

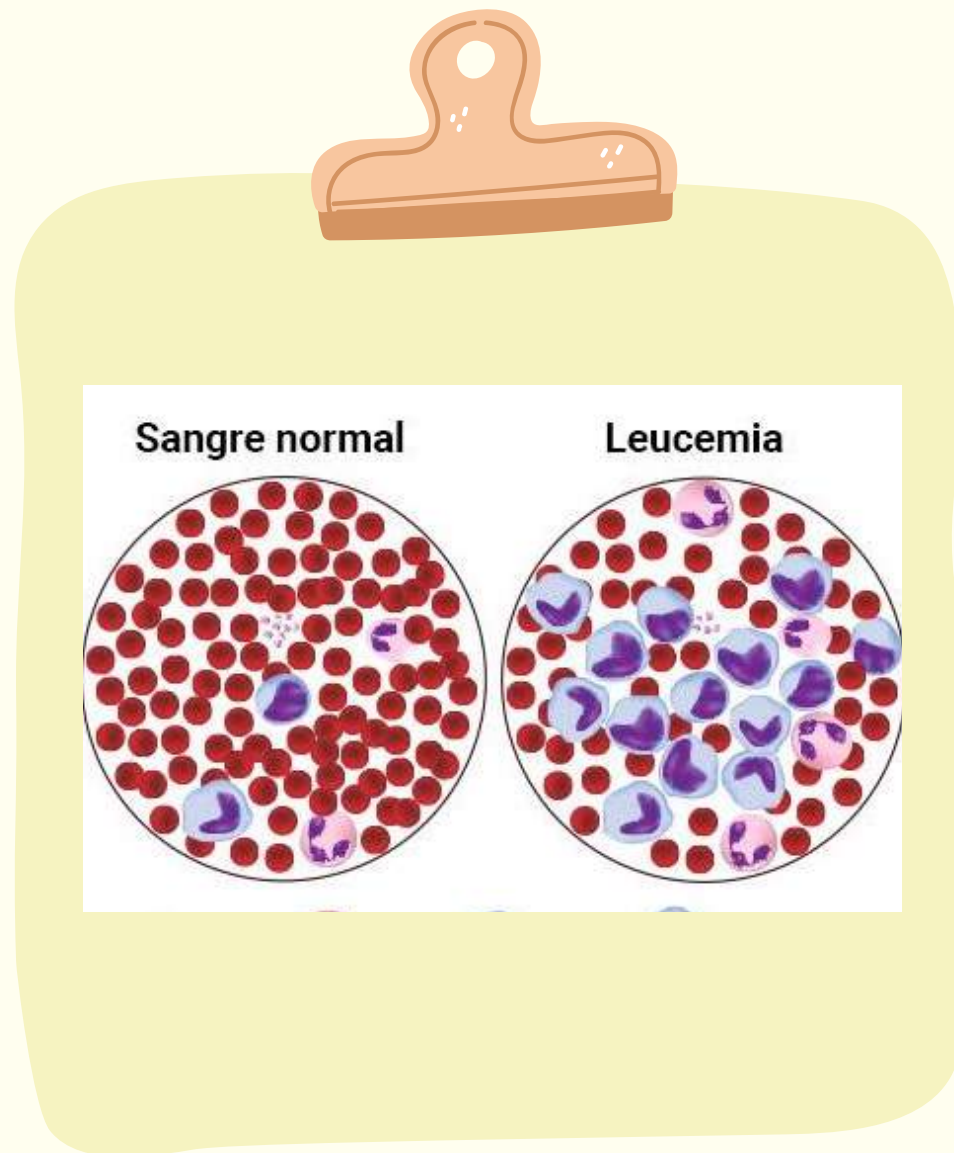
Hemoglobina



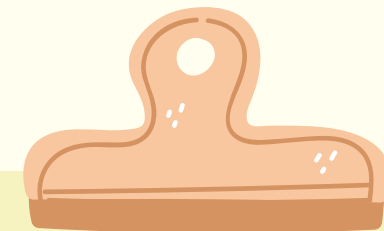
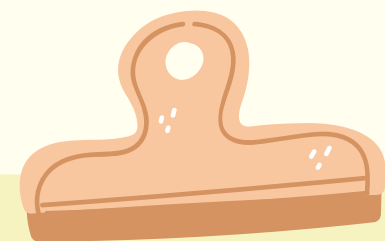
LEUCEMIA



Cáncer de los tejidos que forman la sangre en el organismo



Son más frecuentes en niños



Síntomas

Fiebre



Fatiga



Dolor en huesos



Factores de riesgo

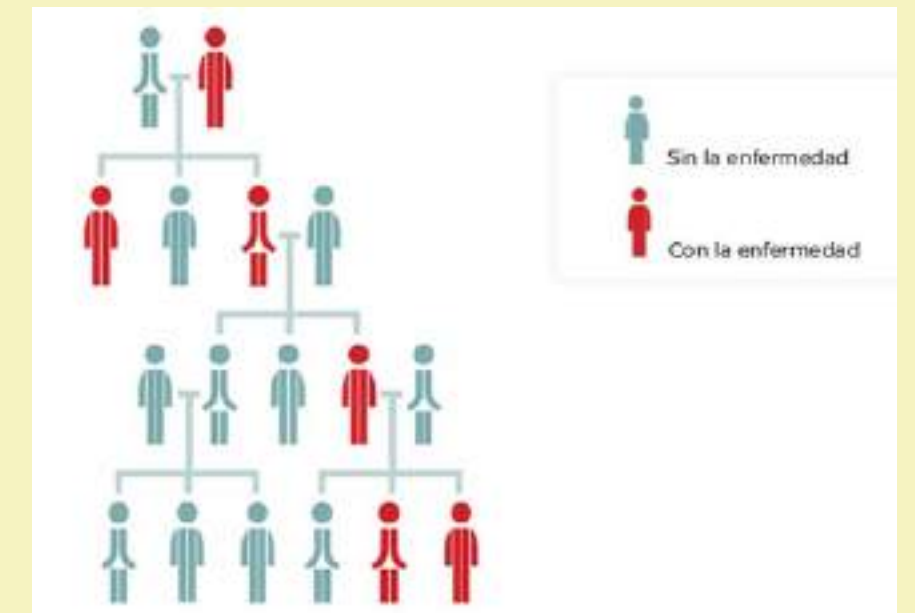
Trastornos genéticos



Tabaquismo



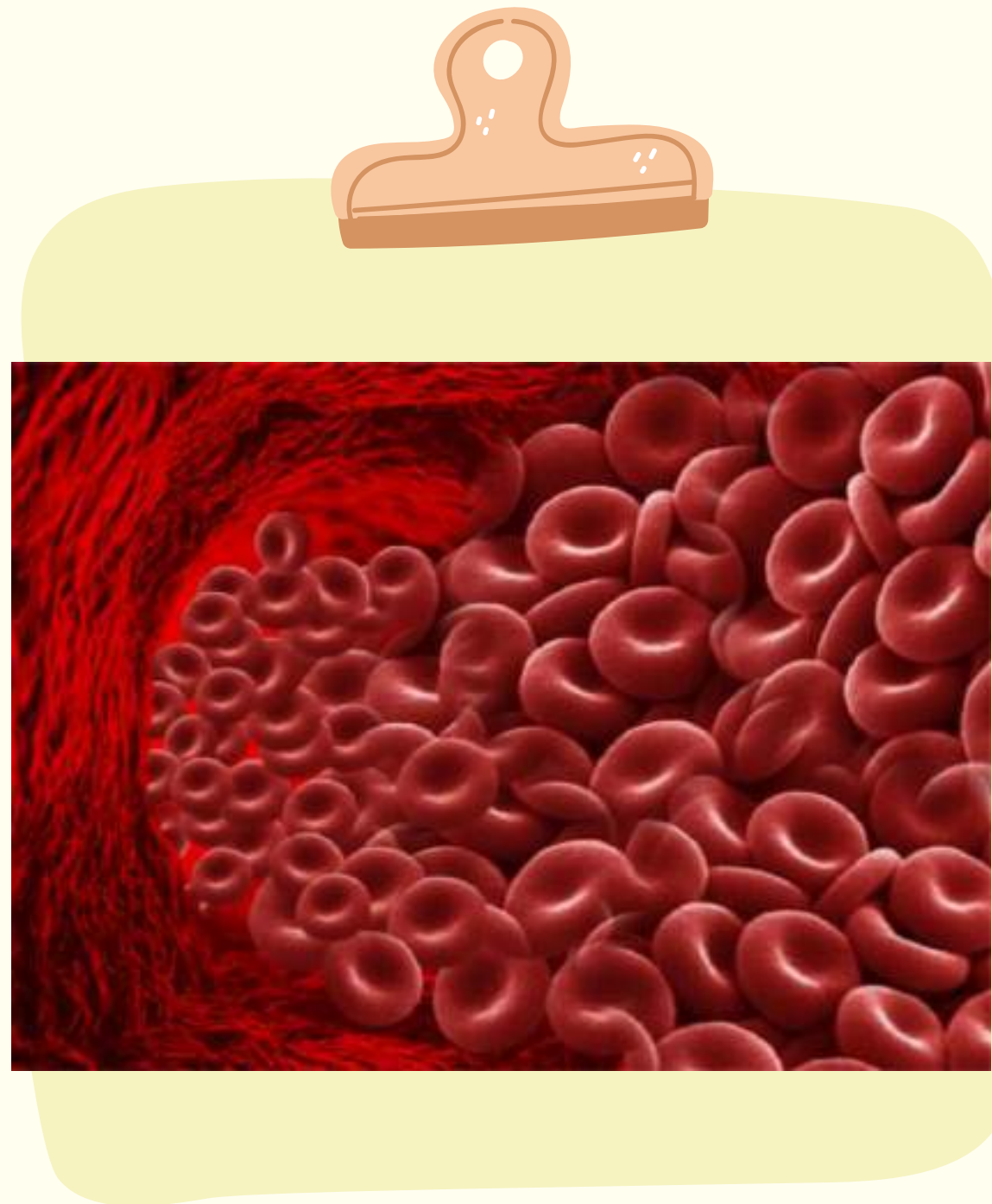
Antecedentes familiares



The background features a light yellow central area with a white rectangular frame. The frame has a pink grid pattern at the top center and a row of yellow circular punch holes along the top edge. The text 'TIPOS DE ANEMIAS' is centered in the white area. Surrounding the frame are various decorative elements: pink stars in the top left, purple oval shapes in the top right, a magnifying glass icon on the left side, a brown flower icon in the bottom right, and abstract shapes in shades of pink, purple, orange, and green at the corners.

TIPOS DE ANEMIAS

Es donde careces de eritrocitos para transportar O_2 a tejidos del cuerpo



Causas

Deficiencia de Fe

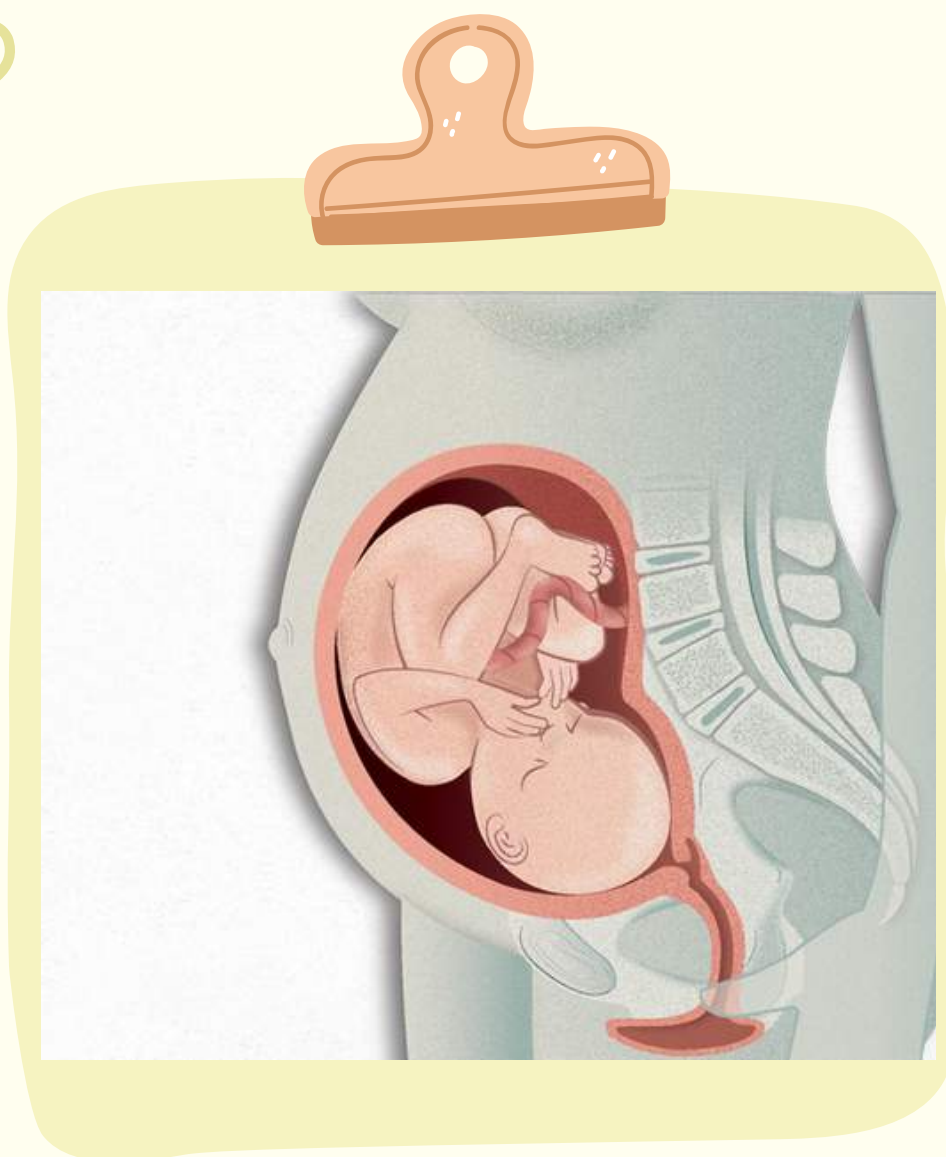


Deficiencia de vit

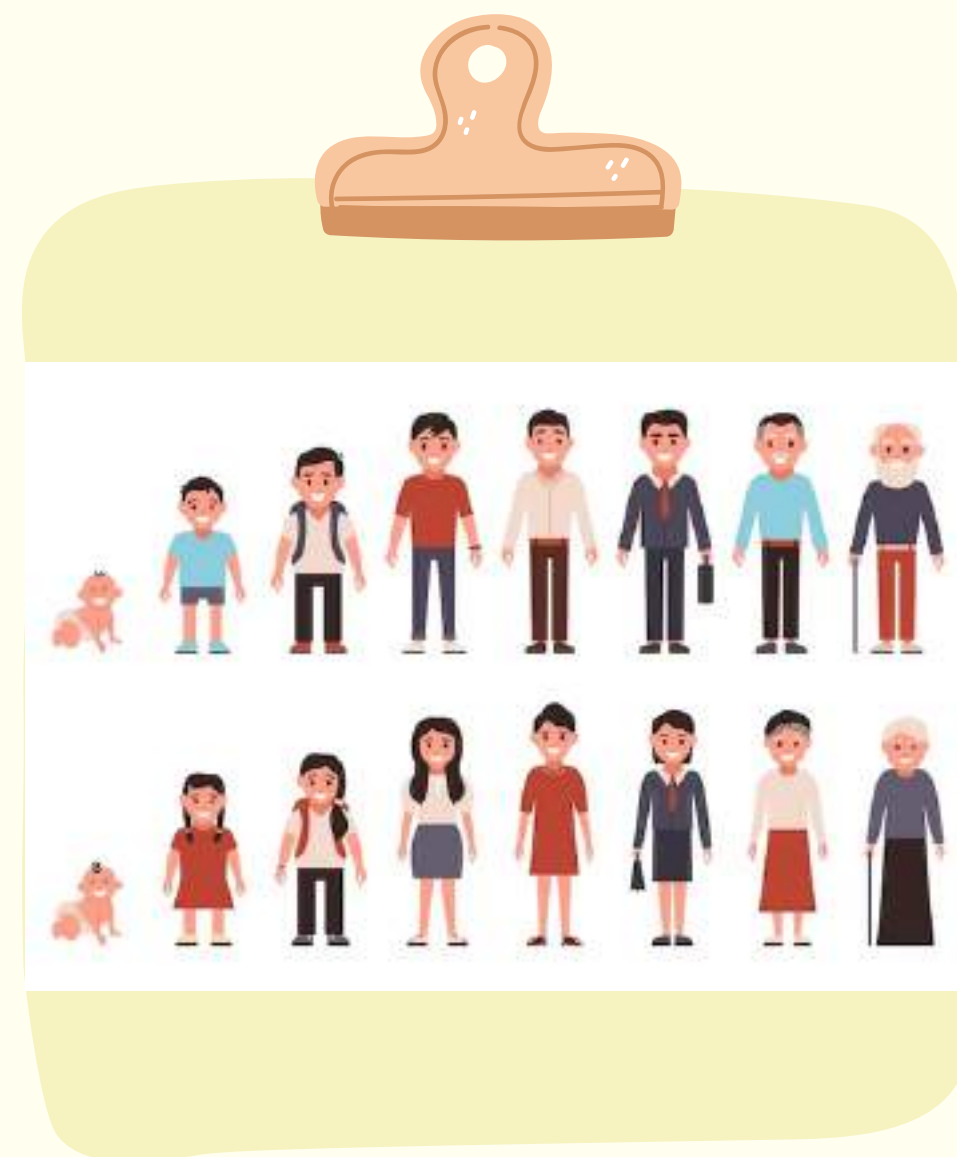


Factores de riesgo

Embarazo



Edad



Prevención

Hierro



Vitamina b-12 y C



Bibliografía



Antología de la Universidad Del Sureste (UDS) del
año 2023 de Fisiopatología II

