

# FISIOPATOLOGÍA I

ALUMNA: YADIRA GUADALUPE MORALES RAMÍREZ.

ESCUELA. UNIVERSIDAD DEL SURESTE "UDS".

CATEDRÁTICA. DANIELA MONSERRATH MÉNDEZ GUILLEN

NOMBRE DE LA ACTIVIDAD. SÚPER NOTAS DE FISIOPATOLOGÍA

CUARTO CUATRIMESTRE, GRUPO A.

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

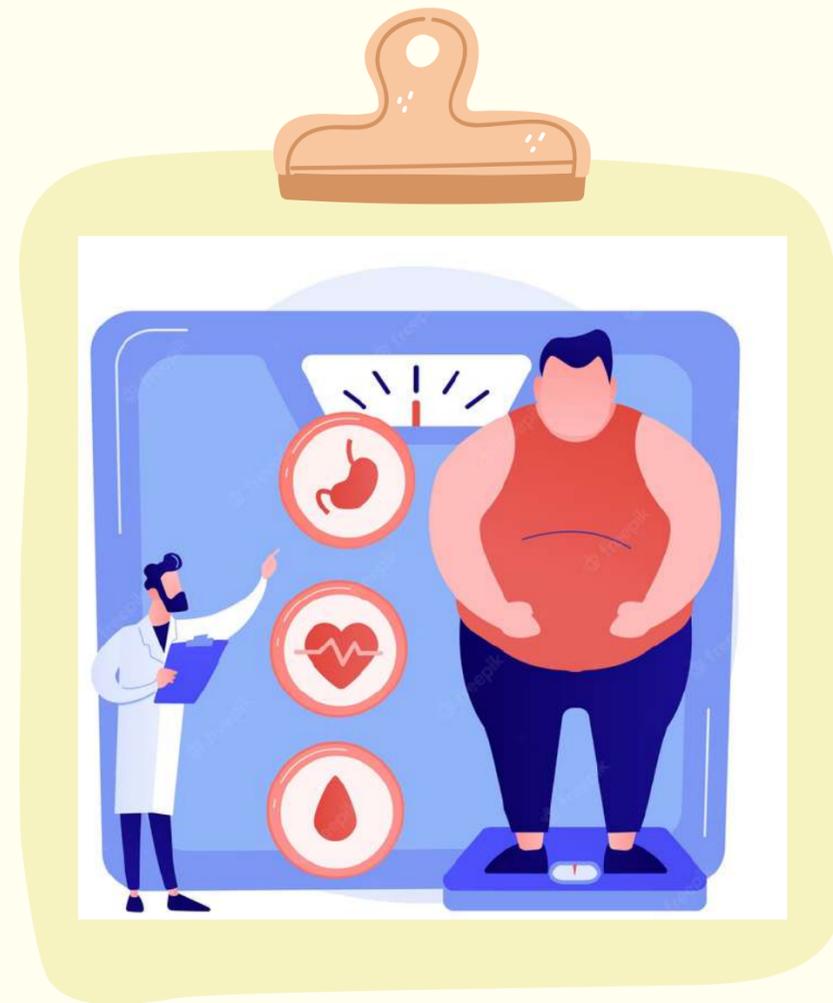
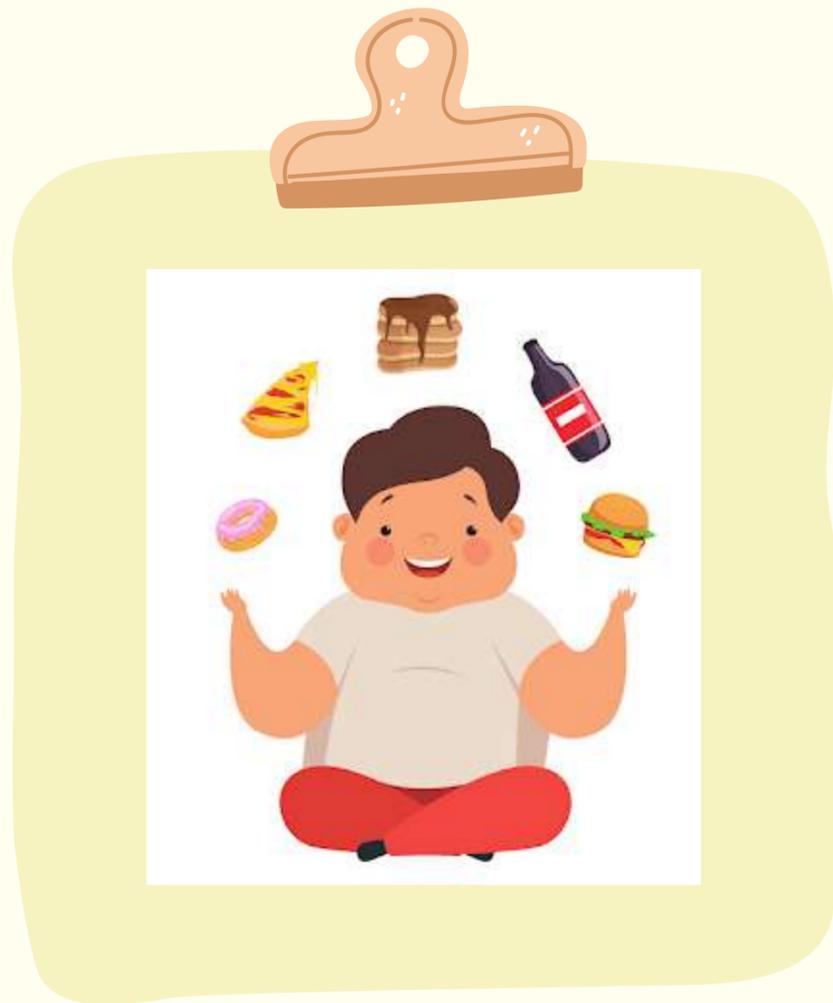


# SISTEMA GENITO-URINARIO

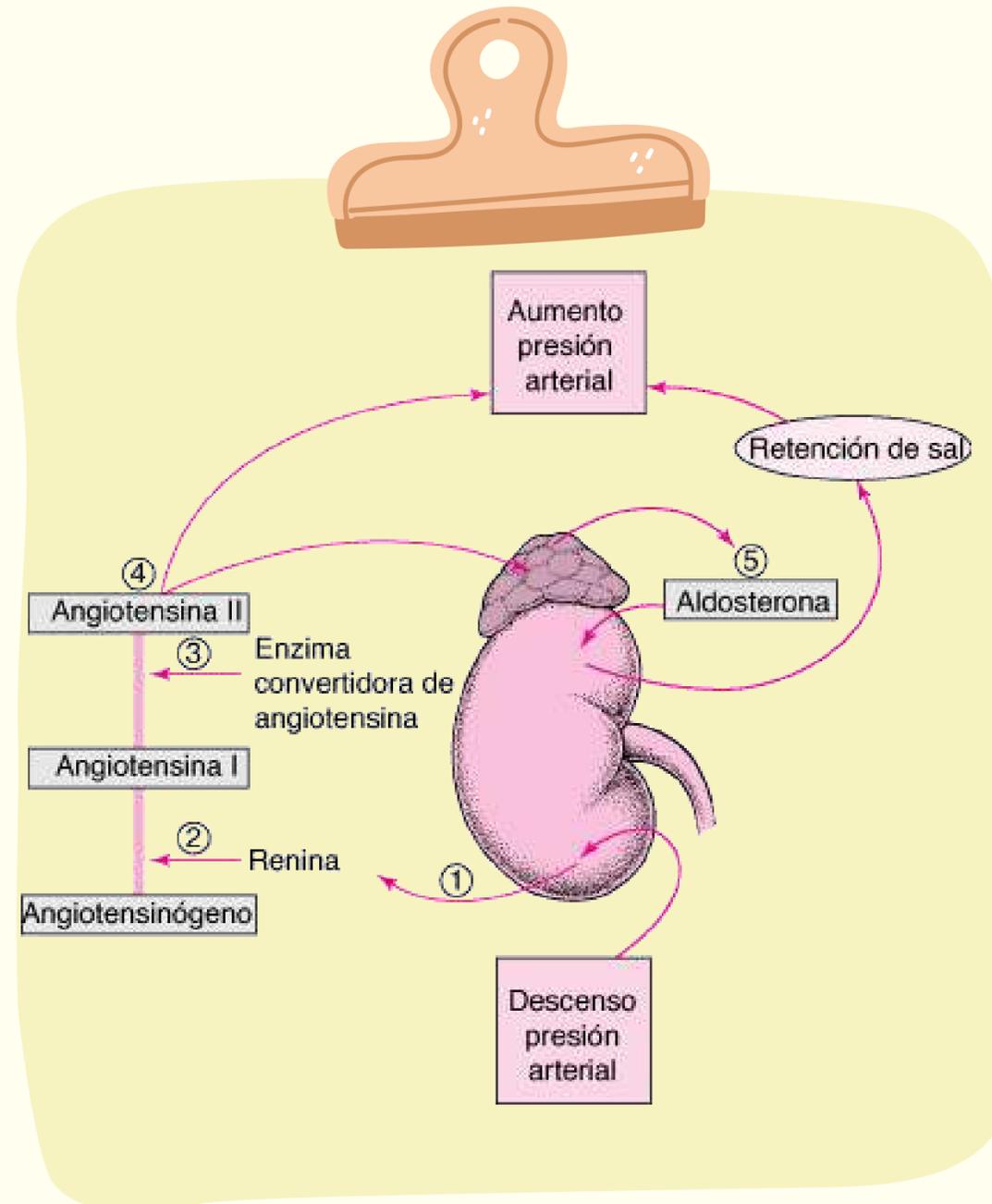
The background features a light yellow central area with a white rectangular frame. The frame has a pink grid pattern at the top center and a row of yellow circular icons along the top edge. The text is centered within the frame. The background is decorated with various elements: pink stars in the top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

# IMPLICACIONES METABOLICAS DEL RIÑÓN

# La obesidad es característico en el SM



# Los adipocitos viscerales secretan angiotensinógeno



# Medicamentos para la obesidad

## Orlistat

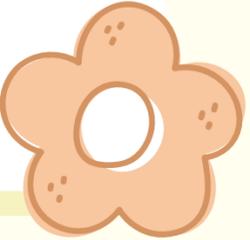
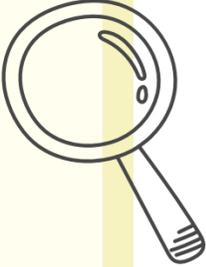


## Sibutramina



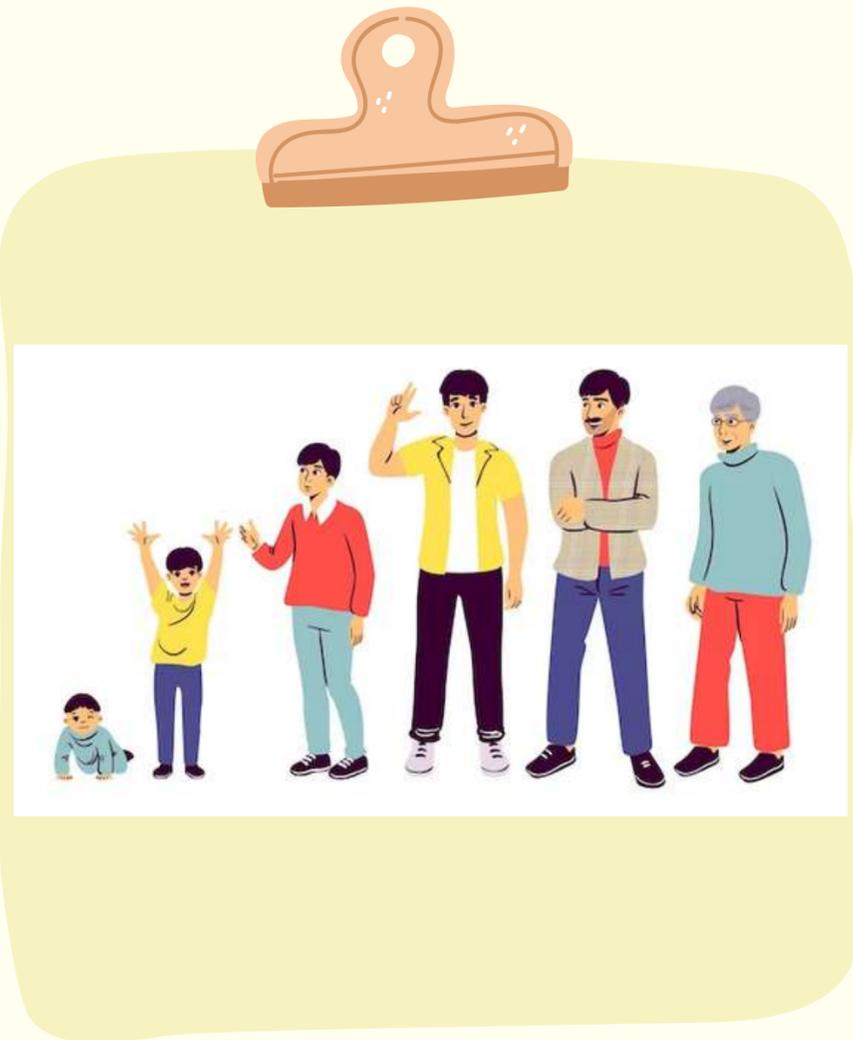


# FISIOPATOLOGÍA DE LA ENFERMEDAD RENAL CRÓNICA



# Factores no modificables

Edad



Sexo masculino



# Factores no modificables

Raza negra



Nacimiento en bajo peso



# Factores modificables

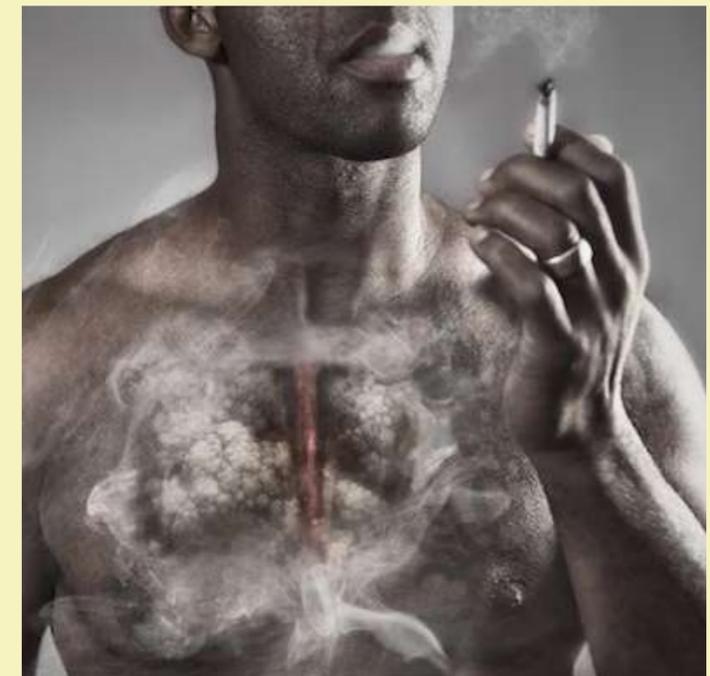
Diabetes



Obesidad



Tabaquismo



El aporte energético debe ser de 30-40 kcal/kg de peso

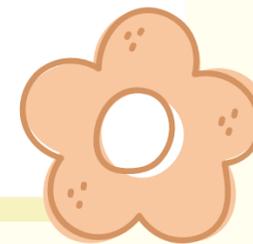
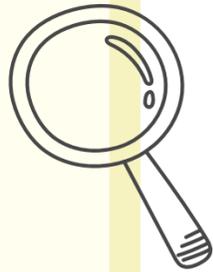


Su aporte proteico es de 0,8-1 g/kg de peso idea

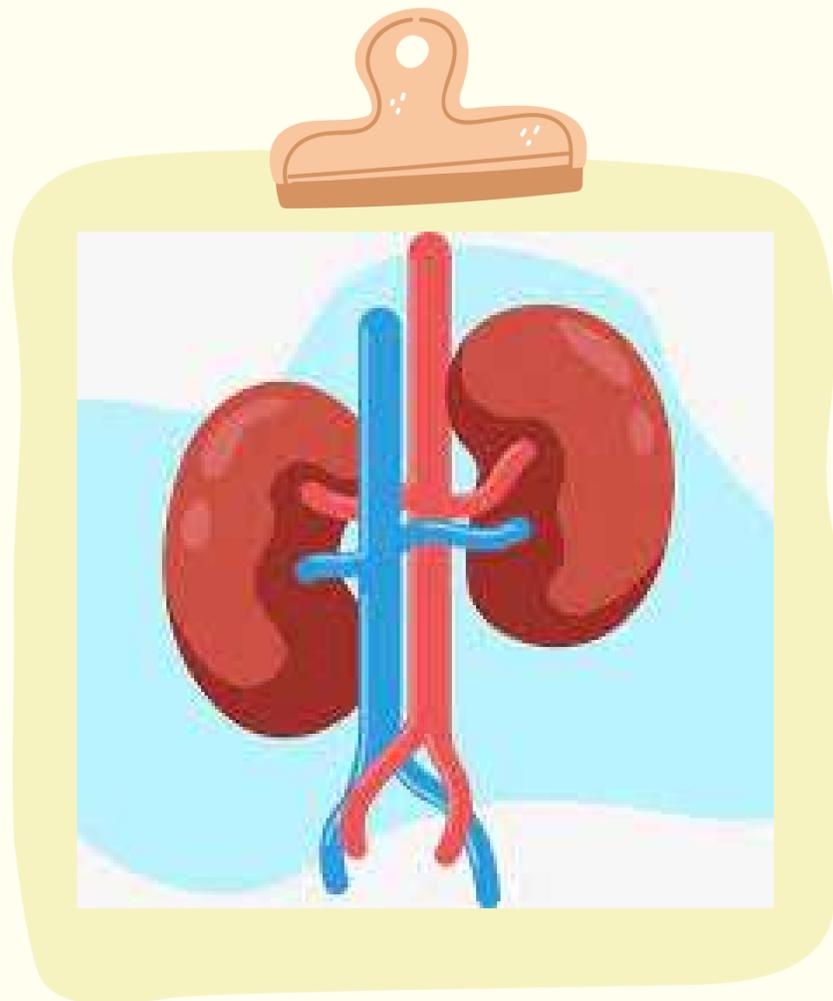




**FISIOPATOLOGÍA  
DE LA  
ENFERMEDAD  
RENAL AGUDA**



# Cuando los riñones pierden la capacidad de filtrar



# Común en personas hospitalizadas



# Síntomas

Falta de aire



Fatiga



Náuseas



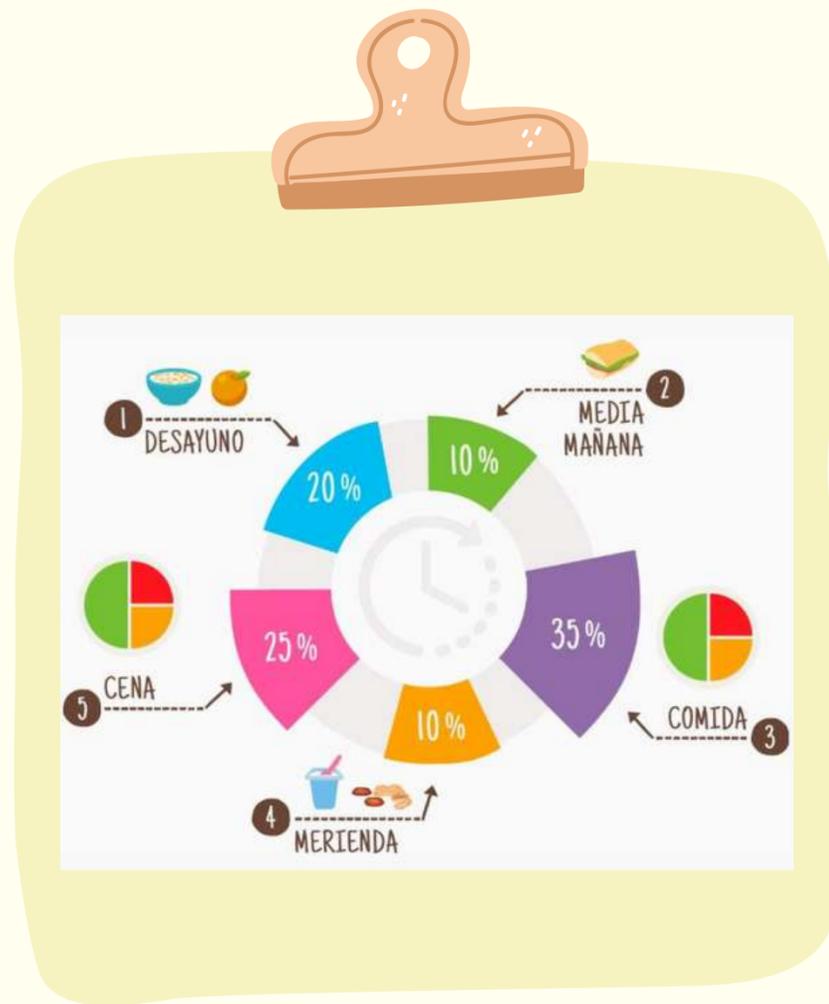
# Factores de riesgo

Estar hospitalizado Edad avanzada

Diabetes



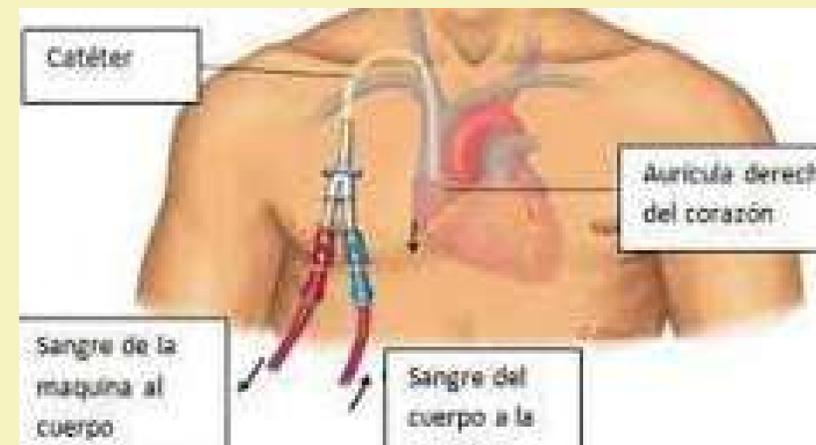
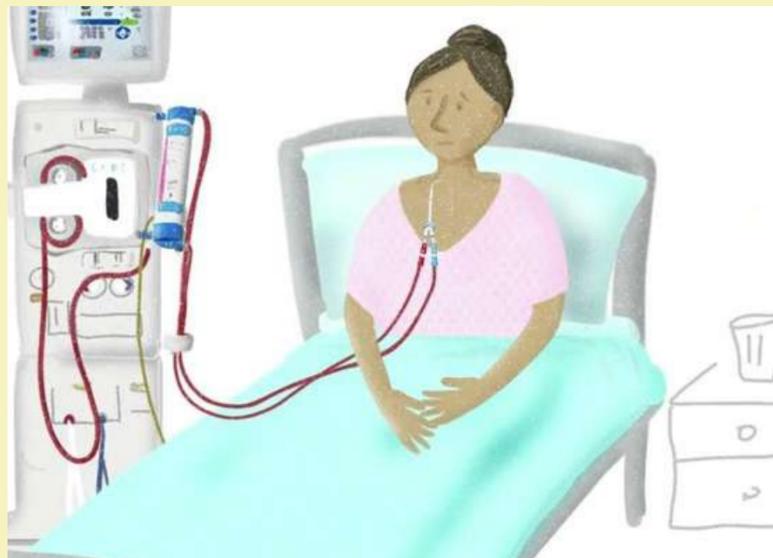
# El aporte energético es de 30-40 kcal/kg de peso



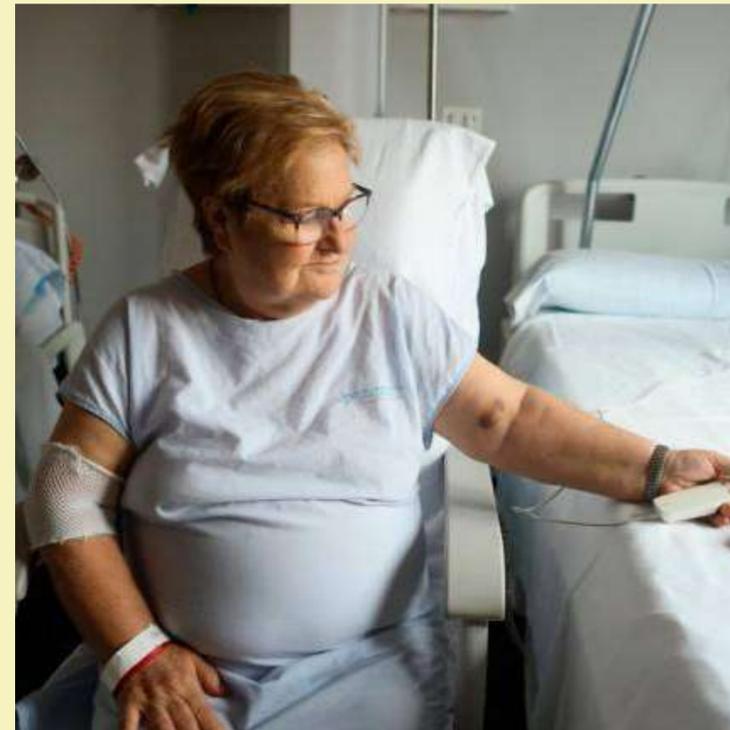
The background features a light yellow gradient with large, soft-edged shapes in pink, purple, orange, and green. There are several decorative elements: a pink grid pattern at the top center, a row of yellow circular icons, a magnifying glass icon on the left, a cluster of purple oval shapes on the right, a cluster of orange oval shapes on the bottom left, and a brown flower icon on the bottom right.

# PROCESO DE HEMODIÁLISIS

# Tratamiento para filtrar toxinas del cuerpo



# Ayuda al paciente que se sienta mejor



# Una máquina bombea la sangre



# El paciente debe limitar:

## Sodio



## Fósforo



### ALIMENTOS RICOS EN FÓSFORO POR RACIÓN



*Cáñamo*  
495 mg



*Lentejas*  
356 mg



*Garbanzos*  
276 mg



*Huevo*  
198 mg



*Queso*  
128 mg



*Brócoli*  
100 mg



*Nueces*  
98 mg



*Zanahorias*  
70 mg

# Agregar a la dieta:

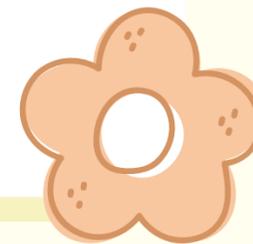
## Proteínas



## Potasio



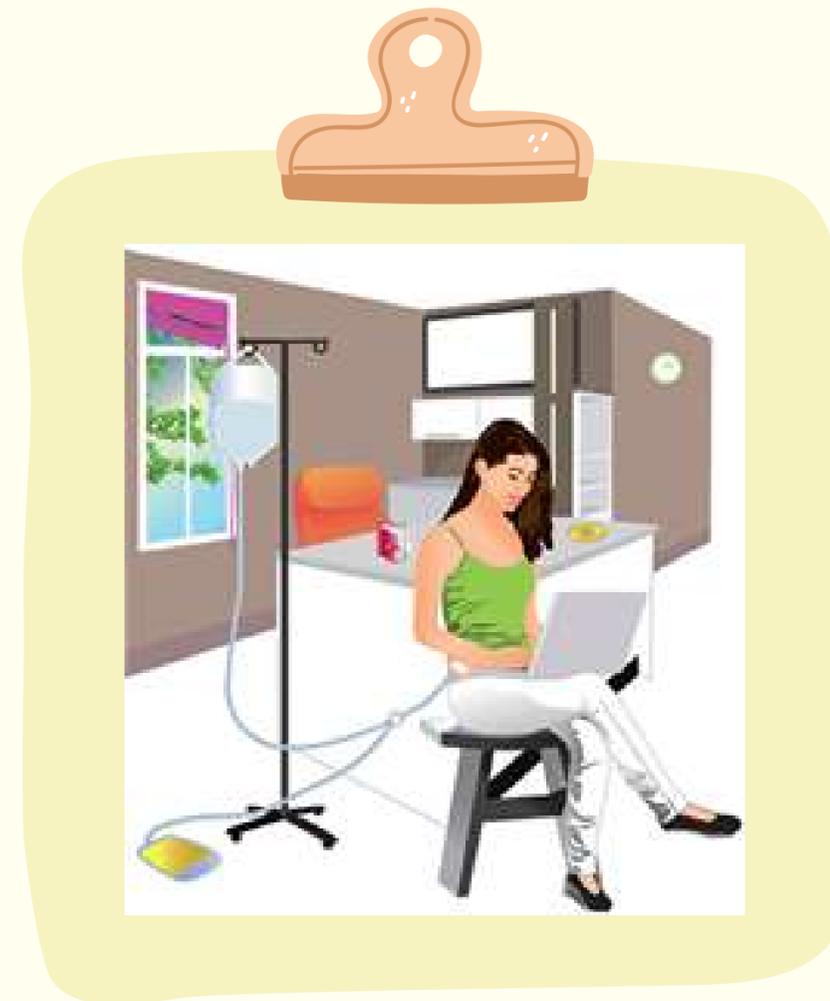
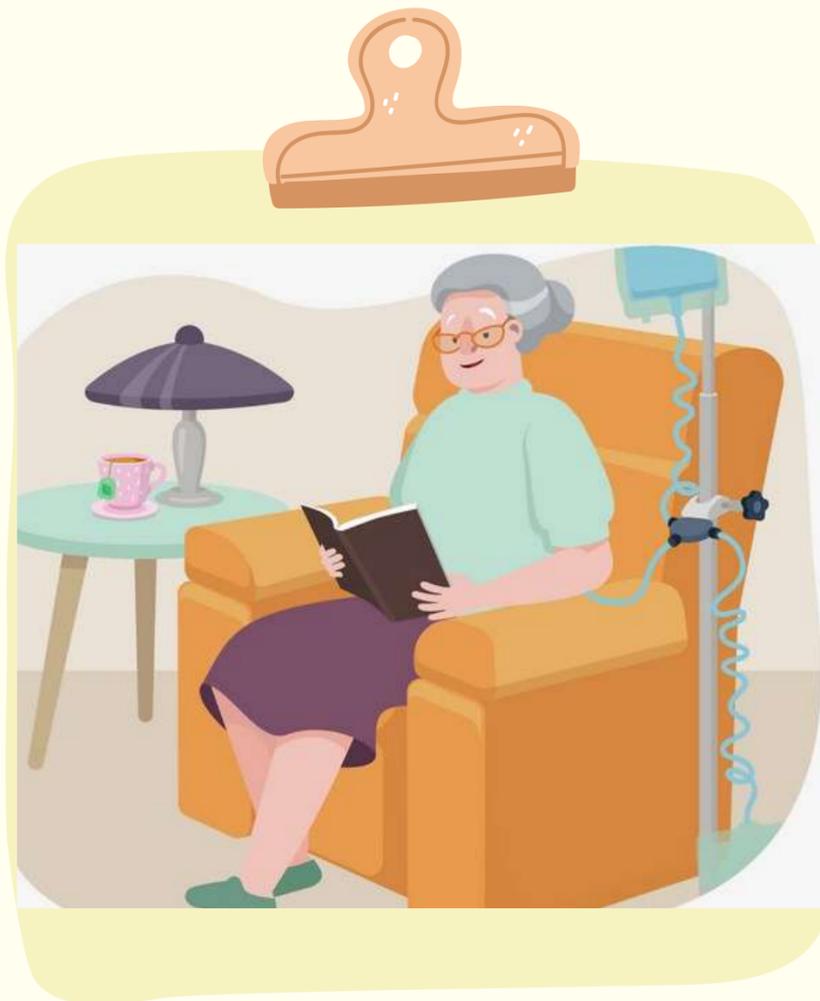
# PROCESO DE DIÁLISIS



# Tratamiento que se pone en el abdomen



# Diálisis peritoneal continua ambulatoria



# Diálisis peritoneal automatizada



# Limitar el consumo de:

## Sodio



## Fósforo



# Agregar a la dieta:

## Proteínas

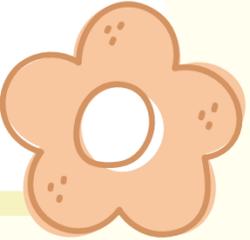
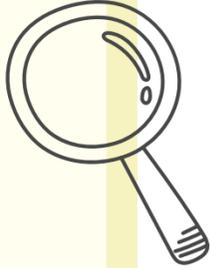


## Potasio





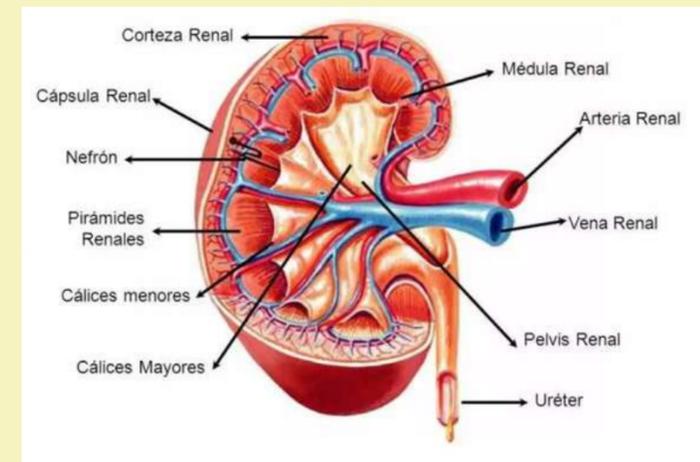
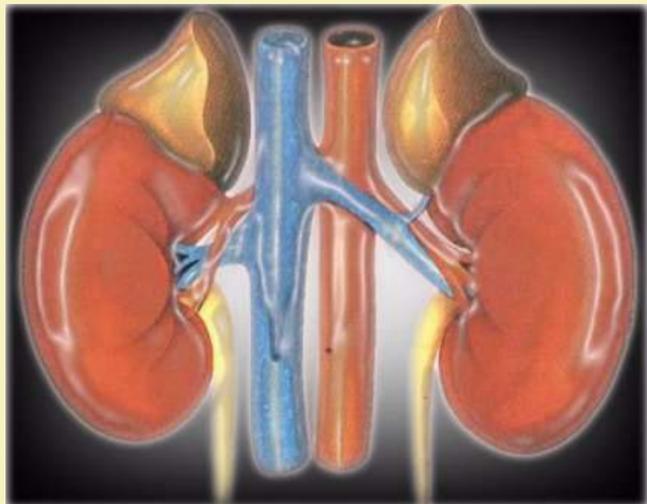
**FISIOPATOLOGÍA  
DEL CÁNCER  
RENAL**



# El cáncer puede estar en cualquier lugar



# Se da cuando las células del riñón crecen



# Síntomas

Sangre en orina



Pérdida de peso



Fiebre



# Recomendación

5 o 6 comidas al día

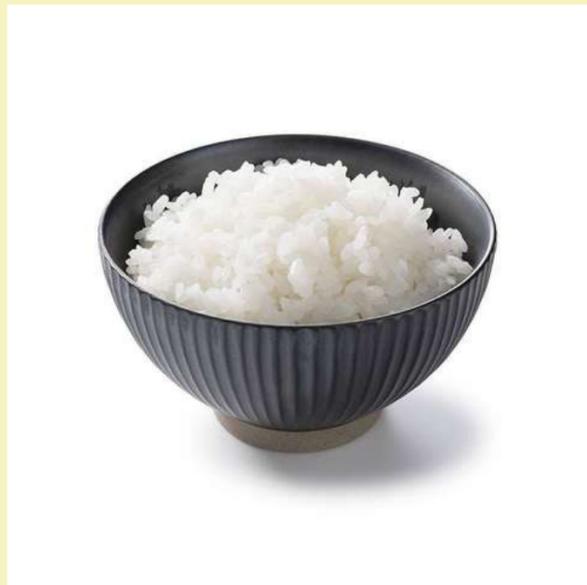
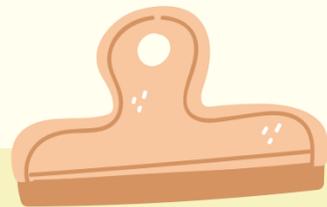


Comidas atractivas



# Evitar

Arroz



Pasas

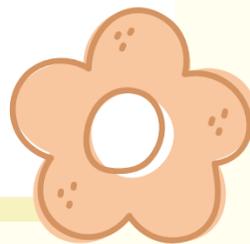


Leche

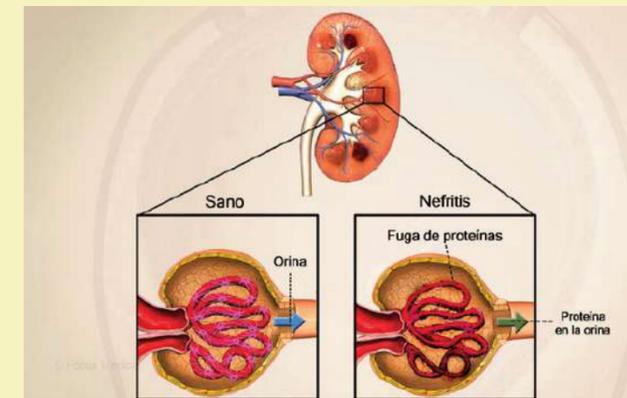
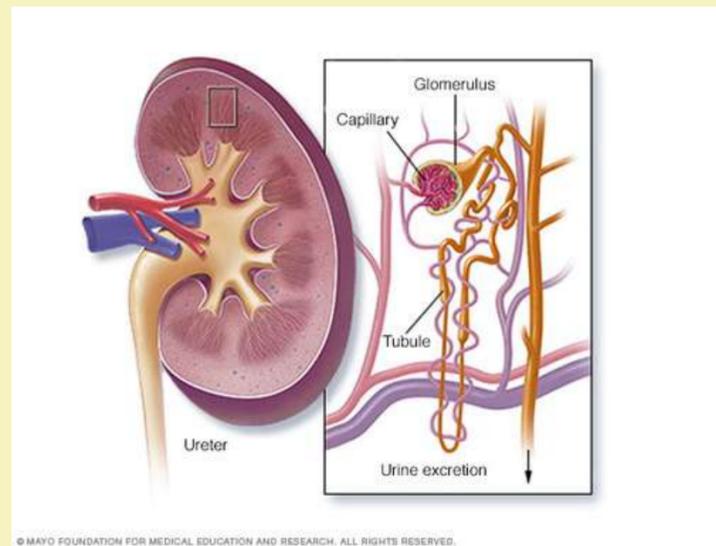




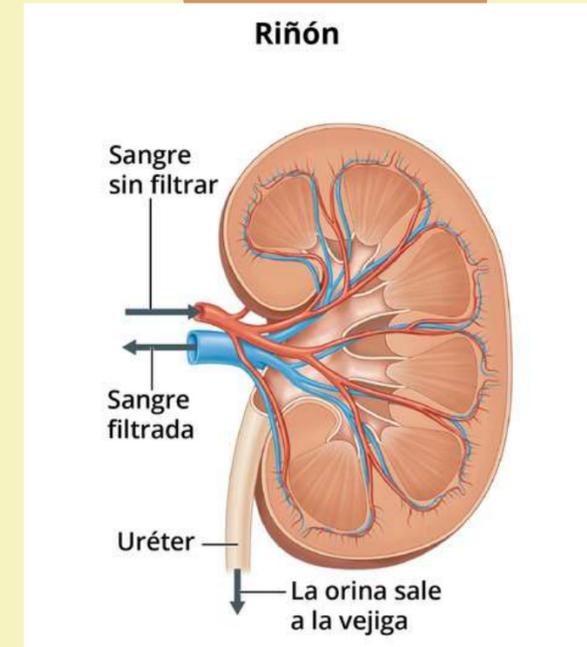
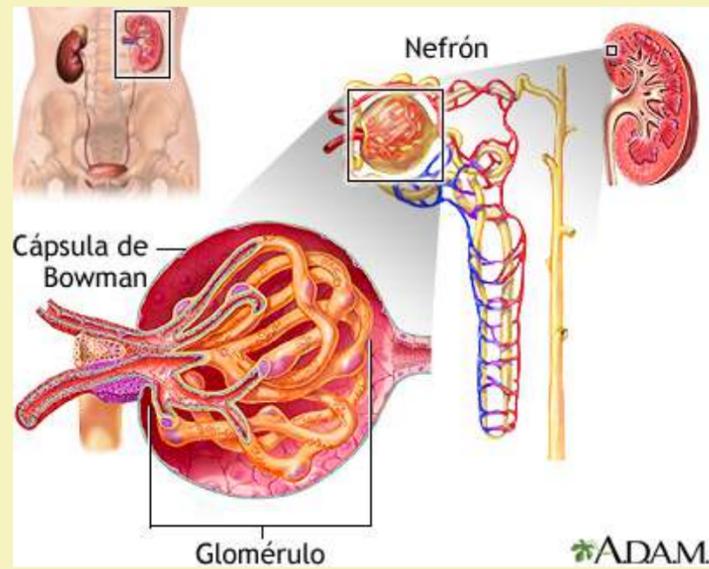
# GLOMERULONOPHRITIS



# Inflamación en los filtros del riñón



# Los glomérulos eliminan desechos



# Síntomas

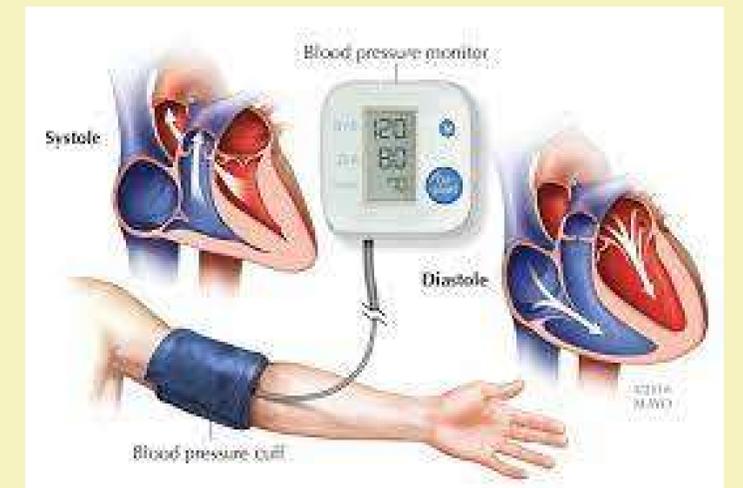
Orina color  
rosada



Orina con  
espuma



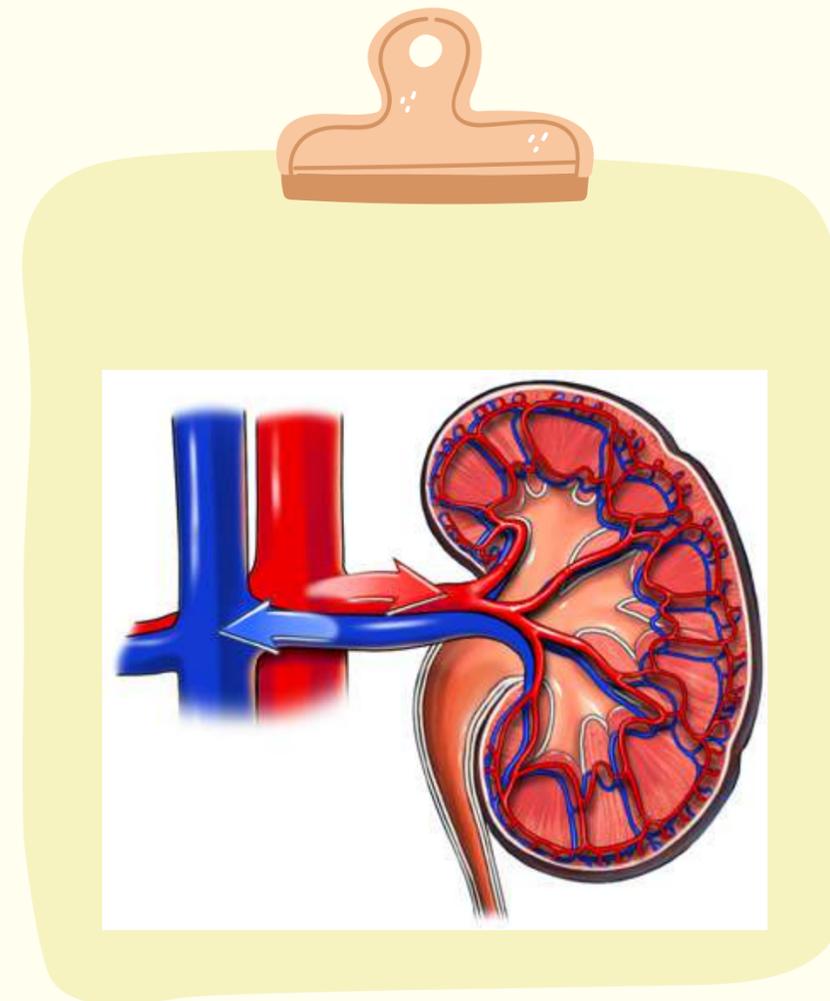
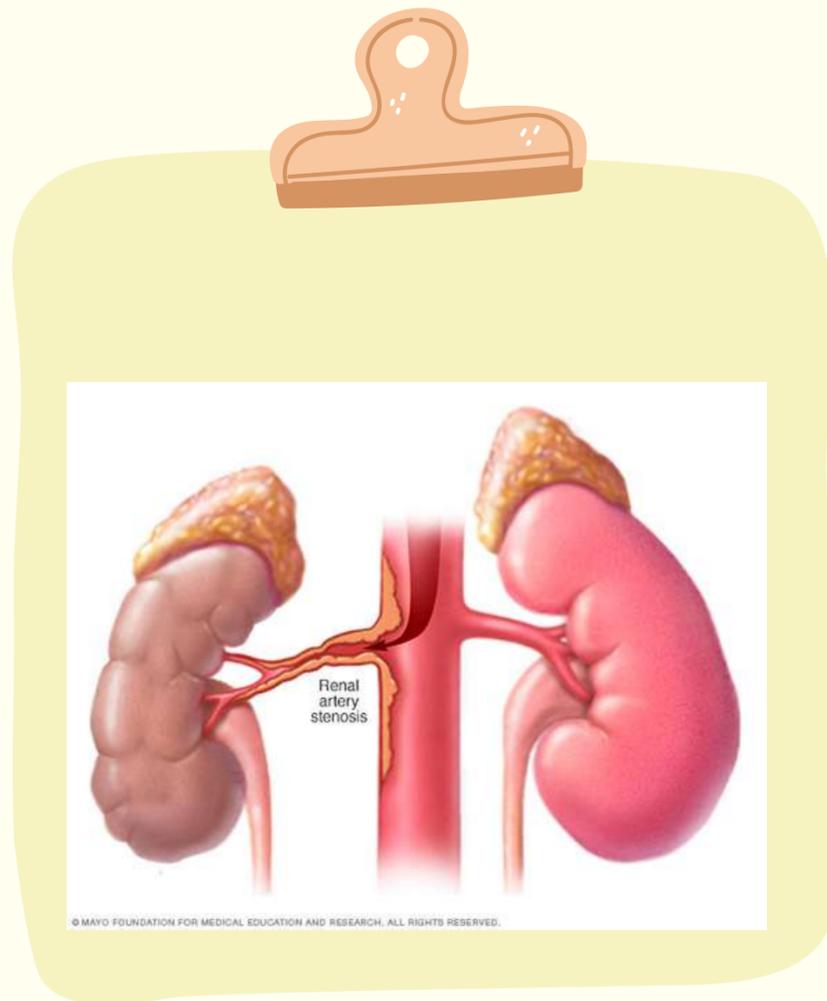
Presión  
arterial alta



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 colorful shapes: pink and purple wavy shapes at the top, orange and green wavy shapes at the bottom, a magnifying glass icon on the left, and a flower icon at the bottom right. There are also clusters of small dots in pink, purple, and orange.

# SÍNDROME UREMICO HEMOLÍTICO

# Vasos sanguíneos del riñón dañados e inflamados

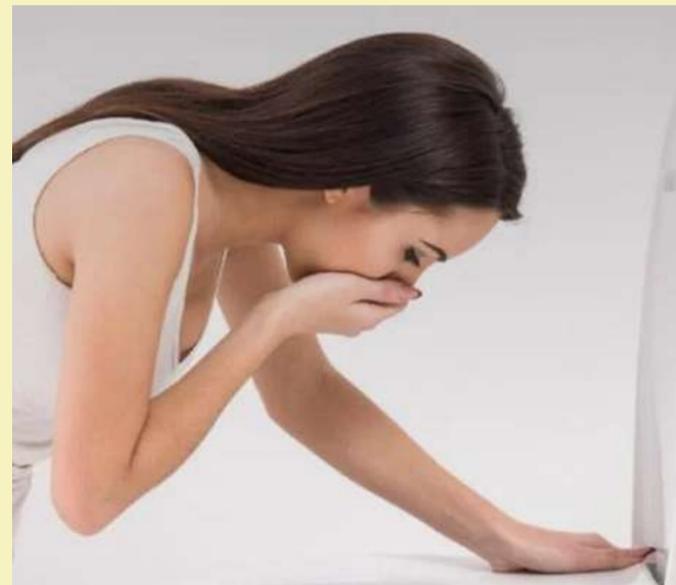


# Síntomas

Diarrea



Vómito



Fiebre



# Riesgos

Comer productos contaminados



Niños <5 años

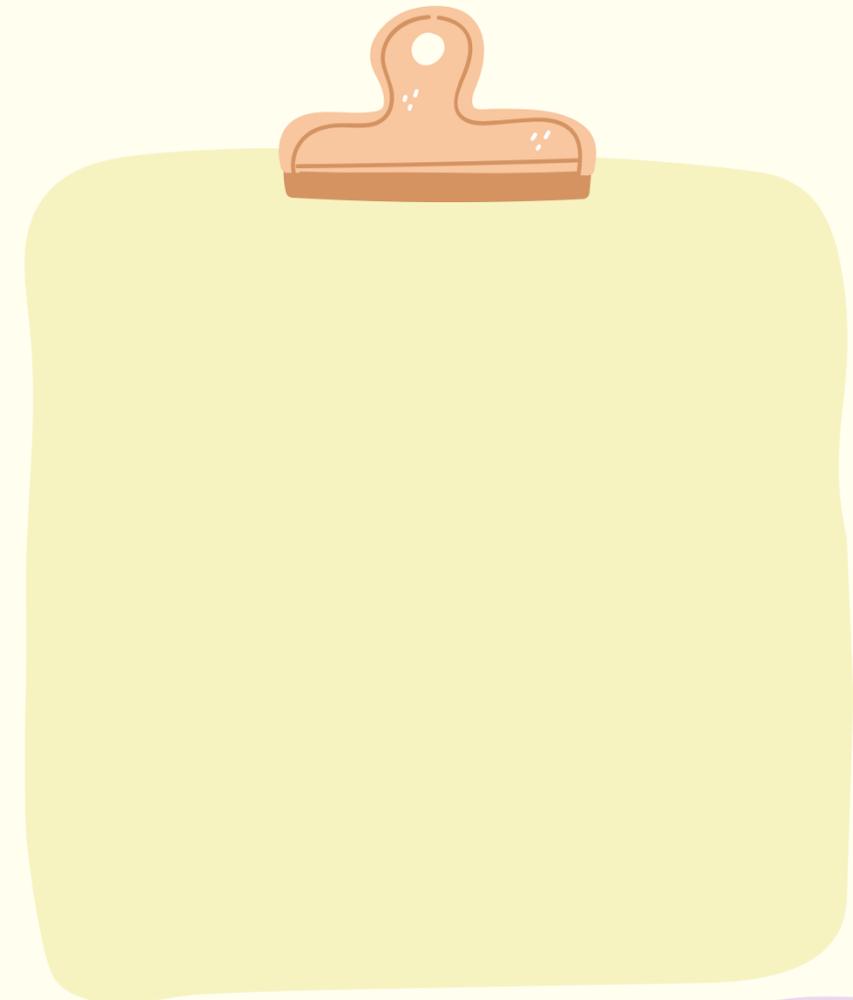
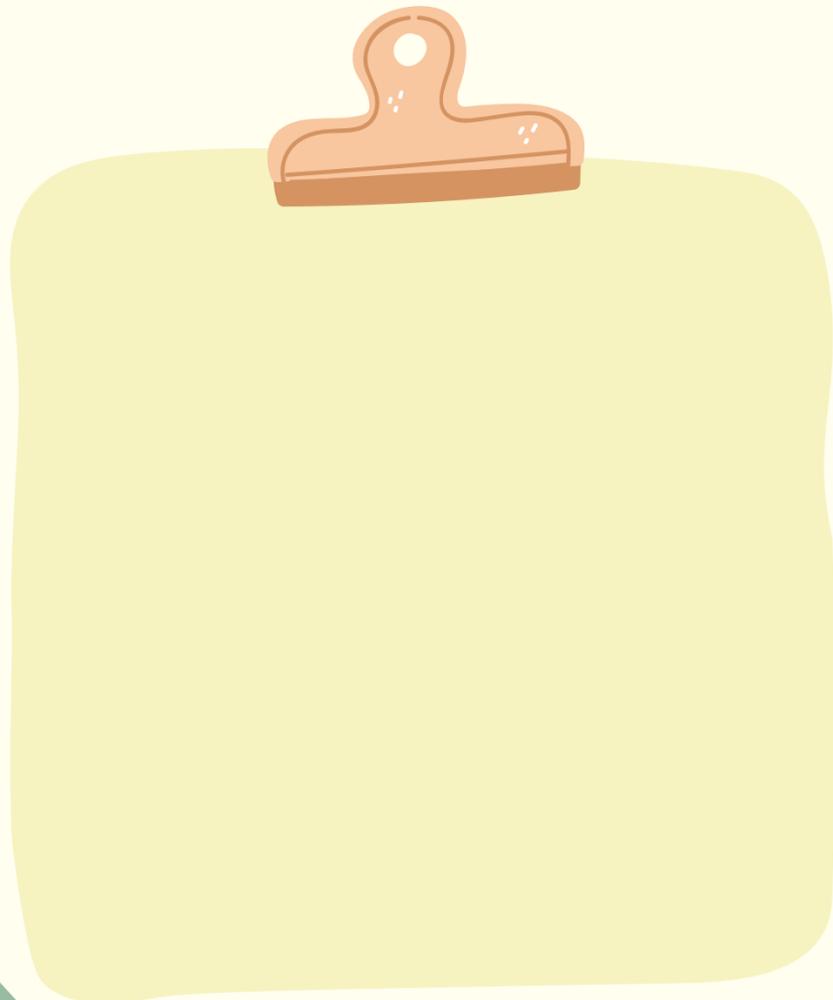


Adultos >65 años



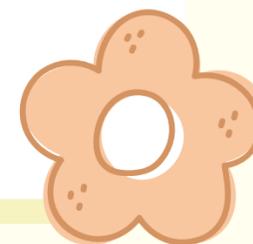
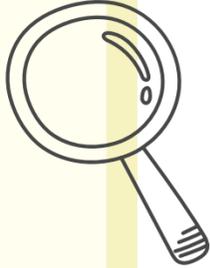
# Recomendación

Ingesta calórica  $> 35$  kcal/kg/día

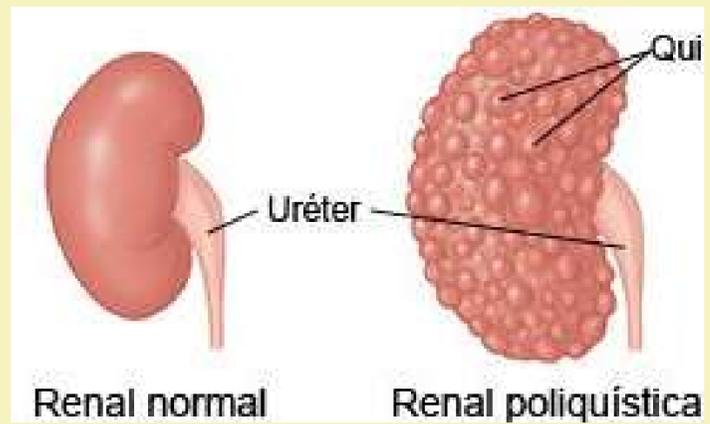




# ENFERMEDAD POLIQUISTICA DEL RIÑÓN



# Quiestes dentro de los riñones



# Síntomas

Dolor de espalda

Sangre en orina

Dolor de  
cabeza

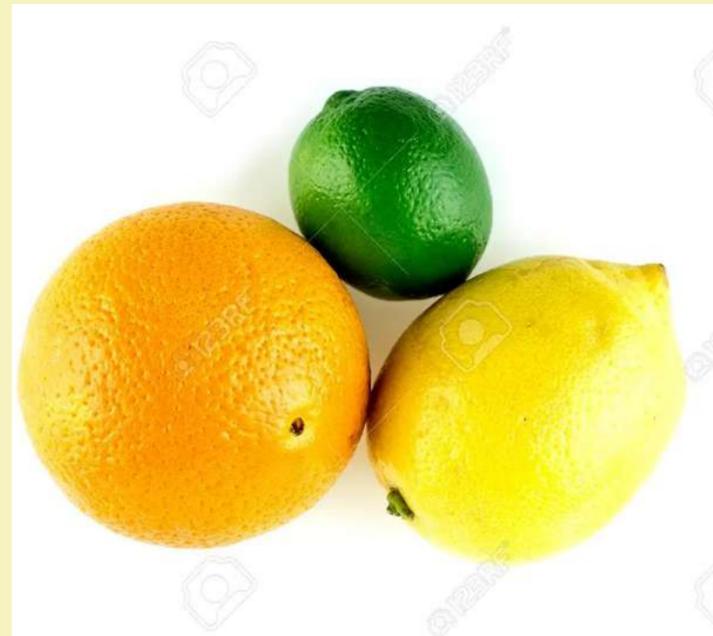


# Consumir

Agua



Limones o  
naranjas



Carnes  
magras



# Reducir

## Frutas enlatadas

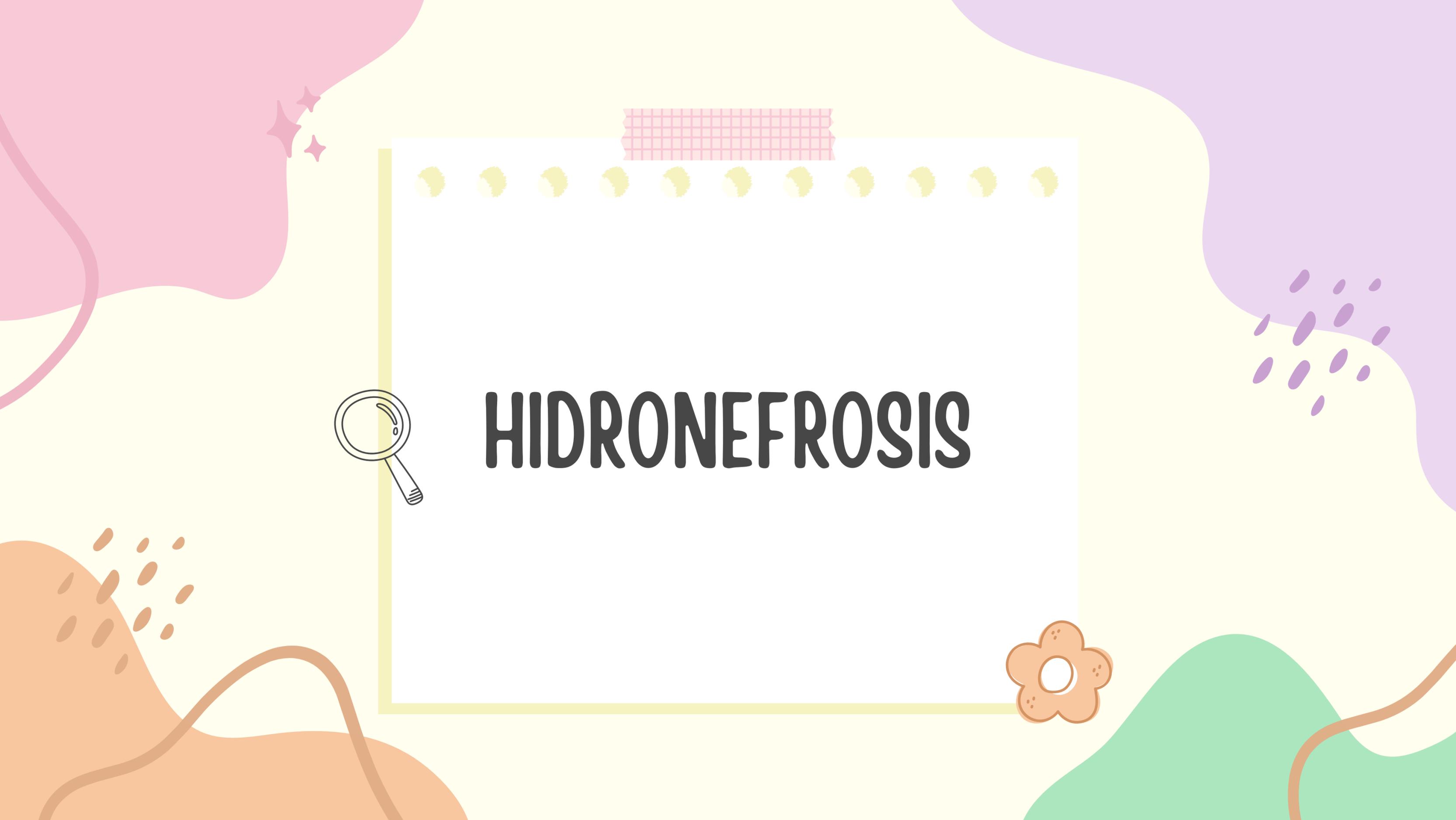


## Cafe instantaneo



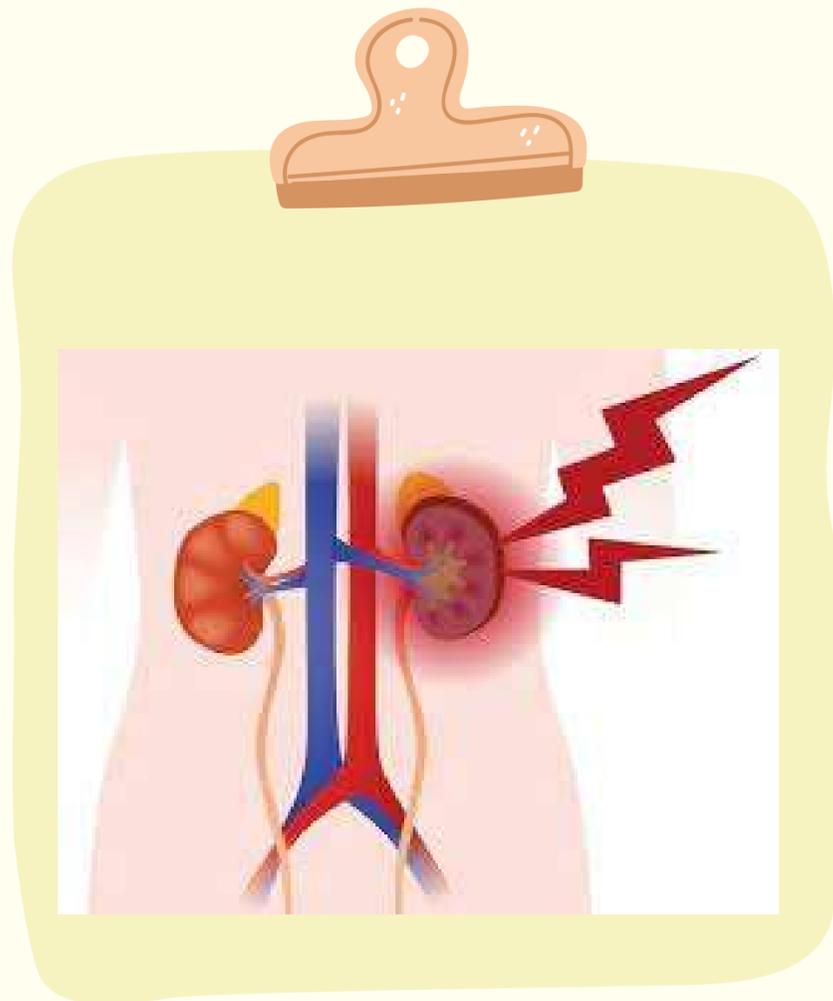
## Fresas





# HIDRONEFROSIS

# Hinchazón de 1 o 2 riñones



# Síntomas

Dolor de espalda



Náuseas



Fiebre



# Consumir

Pollo



Huevo



Frijol



# Bibliografía



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

