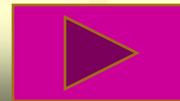
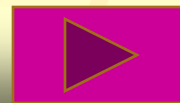
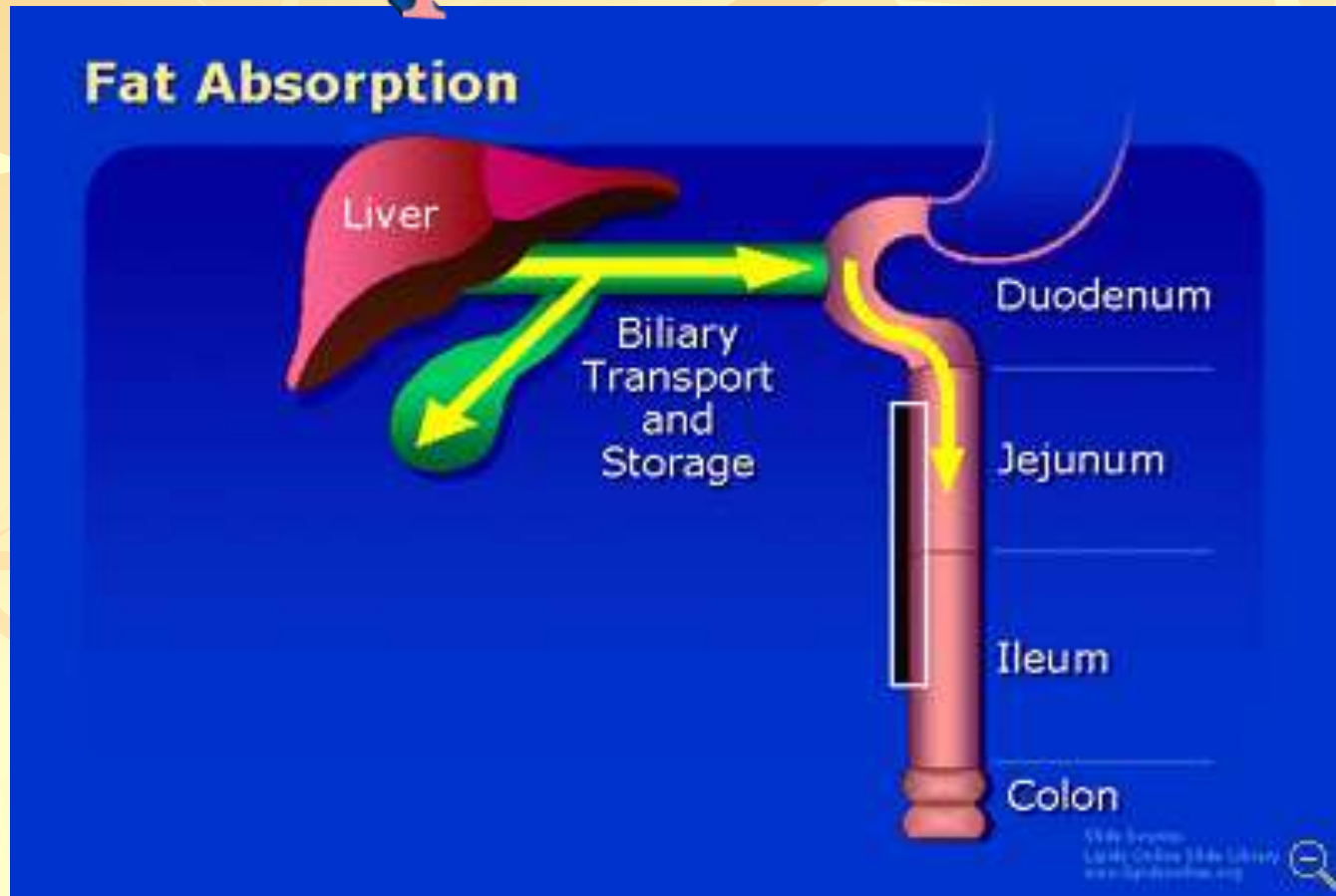


What is Absorption ???

It is a process by which diffusible nutrients are transferred from the gut into the blood or lymph by physico-chemical processes and transport.

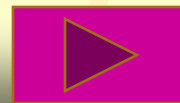


Absorption of Fats



Absorption of Digested products

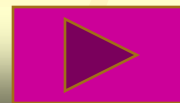
MOUTH	STOMACH	SMALL INTESTINE	LARGE INTESTINE
<p>Certain drugs coming in contact with the mucosa of mouth & lower side of the tongue are absorbed into the blood capillaries lining them</p>	<p>Absorption of water, simple sugars & alcohol etc. takes place</p>	<p>Principal organ for absorption of nutrients. The digestion is completed here & the final products of digestion such as glucose, fructose, fatty acids, glycerol & amino acids are absorbed through the mucosa into the blood stream & lymph</p>	<p>Absorption of water, some minerals & drugs takes place.</p>



Disorders of Digestive System

Some infections are caused by bacteria virus(intestinal tract), parasites of intestine like tape worm, round worm, hook worm, thread worm, pin worm etc.

- **JAUNDICE:-** The liver is affected, skin & eyes become yellow due to the deposit of bile pigments.
- **VOMITING:-** It is the ejection of stomach contents through the mouth. This reflex action is controlled by the vomit centre in the medulla. A feeling of nausea precedes vomiting.
- **DIARRHOEA:-** The abnormal frequency of bowel movement & increased liquidity of the faecal discharge is known as diarrhoea. It reduces the absorption of food.



- **CONSTIPATION:-** In constipation the faeces are remain in the rectum as the bowel movements occur irregularly.
- **INDIGESTION:-** In this condition, the food is not properly digested leading to the feeling of fullness. The causes of indigestion are inadequate enzyme, anxiety, food poisoning, over eating and spicy food.
- **PEPTIC ULCERS:-** Destruction of mucosa of stomach due to hyper secretion of Hydrochloric Acid (HCl) due to bacterial infection.

