

**Name three hormones secreted by the small intestine and describe their target organs and effects.**

Gastric inhibitory peptide is released in the small intestine, its target organ is the stomach and it inhibits gastric secretion, slows stomach emptying and stimulates insulin release from the pancreas in preparation for the absorption of glucose.

Secretin affects the pancreas, the liver and the gallbladder. It increases the bicarbonate in pancreatic juice and increases the pH to neutralize the acid. It also inhibits gastric juice secretion and maintains the pancreas.

Cholecystokinin (CCK) also affects the pancreas, the liver and the gallbladder. It increases bile secretion in the liver, stimulates the emptying of the gallbladder, closes the pylorus and causes a feeling of satiety.

**What are the major causes of obstructive jaundice? Which one would you choose, if you had a choice? What would be your last choice?**

Obstructive jaundice is one of the symptoms of Cirrhosis of the liver, which is where severe scarring of the liver parenchyma leads to a back flow of blood. The main causes are alcohol, hepatitis, cancer and parasites. I think I would choose hepatitis if I really had to, and alcohol as my last choice, just because I would be kicking myself if I caused my own liver failure. They're all bad!