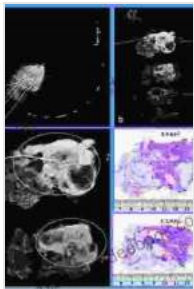


Multidisciplinary Teaching Atlas of the Pancreas: An In-Depth Guide for Healthcare Professionals

The pancreas is a vital organ located in the upper abdomen. It plays a crucial role in both digestion and blood sugar regulation. Due to its complex anatomy and physiology, the pancreas can be challenging to understand. The Multidisciplinary Teaching Atlas of the Pancreas is a comprehensive resource that provides an in-depth exploration of this organ, covering its anatomy, physiology, pathology, and surgical techniques.



Multidisciplinary Teaching Atlas of the Pancreas: Radiological, Surgical, and Pathological Correlations

by Roberto Ruiz-Cordero

★★★★☆ 4.1 out of 5

Language : English

File size : 252778 KB

Text-to-Speech : Enabled

Screen Reader : Supported

Enhanced typesetting : Enabled

Print length : 1641 pages



Anatomy and Physiology of the Pancreas

The pancreas is a gland located behind the stomach. It is divided into three parts: the head, body, and tail. The head of the pancreas is located on the right side of the abdomen and is connected to the duodenum, the first part of the small intestine. The body of the pancreas is located in the middle and

is connected to the stomach. The tail of the pancreas is located on the left side and is connected to the spleen.

The pancreas produces two main types of secretions: digestive enzymes and hormones. The digestive enzymes are released into the duodenum and help to break down food. The hormones, insulin and glucagon, are released into the bloodstream and help to regulate blood sugar levels.

Pathology of the Pancreas

The pancreas can be affected by a number of different diseases, including:

- Pancreatitis: Inflammation of the pancreas
- Pancreatic cancer: A type of cancer that starts in the pancreas
- Diabetes: A condition in which the body cannot produce or use insulin

Surgical Techniques for the Pancreas

The pancreas can be treated with a variety of surgical techniques, including:

- Pancreatectomy: Removal of all or part of the pancreas
- Whipple procedure: A type of pancreatectomy that removes the head of the pancreas, the duodenum, and the gallbladder
- Distal pancreatectomy: A type of pancreatectomy that removes the tail of the pancreas

The Multidisciplinary Teaching Atlas of the Pancreas

The Multidisciplinary Teaching Atlas of the Pancreas is a comprehensive resource that provides an in-depth exploration of the pancreas. This atlas is an invaluable resource for healthcare professionals seeking to enhance their understanding of this vital organ.

The atlas is divided into four sections:

- Section 1: Anatomy and Physiology of the Pancreas
- Section 2: Pathology of the Pancreas
- Section 3: Surgical Techniques for the Pancreas
- Section 4: Clinical Cases

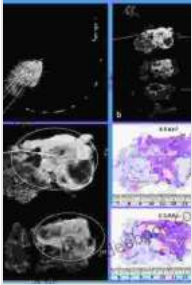
Each section is written by a team of experts in the field and is illustrated with high-quality images and diagrams.

The Multidisciplinary Teaching Atlas of the Pancreas is a comprehensive and up-to-date resource that provides an in-depth exploration of the pancreas. This atlas is an invaluable resource for healthcare professionals seeking to enhance their understanding of this vital organ.

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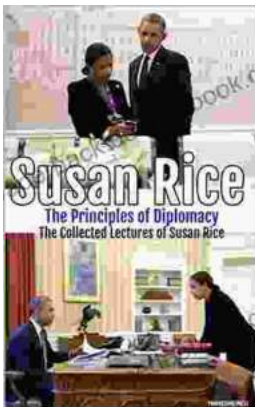
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