Ascites
Sameer D. Saini and Akbar K. Waljee

This chapter guides the reader on the diagnosis and management of ascites in hospitalized patients.

Splenomegaly
Sameer D. Saini and Akbar K. Waljee

This chapter guides the reader on the diagnosis and management of splenomegaly in hospitalized patients.

Autoimmunity in liver disease
Gavin P Spickett

Primary biliary cirrhosis (PBC)
Autoimmune hepatitis
Primary sclerosing cholangitis
• PBC is a disease of older women (90% of patients are female).
• Clinical features include initially:
  • profound fatigue starting in the prodrome
  • intense itch
  • arthralgia.
• With disease progression:
  • hepatosplenomegaly...
Acute Gastrointestinal Bleeding
Sameer D. Saini and Akbar K. Waljee

This chapter guides the reader on the general principles, clinical manifestations, and management of acute gastrointestinal bleeding in hospitalized patients.

Hepatic Veno-Occlusive Disease with Immunodeficiency
Tony Roscioli and Melanie Wong

Primary immunodeficiency diseases are inherited disorders that affect human adaptive and innate immunity. In most cases, affected individuals experience recurrent infections, but they may also suffer from autoimmune diseases and malignancies. This chapter focuses on Hepatic Veno-Occlusive Disease with Immunodeficiency (VODI), including the historic and scientific background, clinical presentations, immunologic characteristics, and the molecular/genetic underpinnings. Where appropriate, diagnostic tools and therapeutic options are outlined -- from prophylactic anti-infective measures to hematopoietic stem cell transplantation and gene therapy.

Liver Failure
Sameer D. Saini and Akbar K. Waljee

This chapter guides the reader on the general principles, clinical manifestations, and management of liver failure in hospitalized patients.

Diagnosis of the Most Common Forms of Extrathoracic Tuberculosis in Children
H. Simon Schaaf and Anthony J. Garcia-Prats

Tuberculosis can occur in any organ or tissue in the body but has a predilection for certain tissues. Extrathoracic tuberculosis, with or without pulmonary tuberculosis, occurs in 30–60% of tuberculosis cases in children. The peripheral lymph nodes are the most common extrathoracic site in children but tuberculosis of the bones and joints, various abdominal
organs, skin and the genitourinary tract remain important forms of disease. Performing an extensive history and complete physical examination on any child suspected of having tuberculosis is a critical part of the evaluation. This chapter reviews the pathogenesis, clinical presentations, diagnosis, and complications of the most common forms of extrathoracic tuberculosis in children other than tuberculous meningitis (Chapter 11).

**Immunosuppression for pancreas transplantation**

Jens Brockmann and Peter Friend

Immunosuppression for pancreas transplantation, including side effects and cardiovascular complications of immunosuppressive drugs, graft thrombosis, and immunological monitoring of the transplanted pancreas.

**Malignant disease and immunosuppression**

Richards Duncan, Jamie Coleman, John Reynolds, and Jeffrey Aronson

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