

CURRICULUM / CONTENT

Scientific Osteopathic Approach to Patients with Abdominal Complaints

1. Introduction

2. Palpation and Observation of the Abdominal Region

- 2.1. General Palpatory Procedure*
- 2.2. Abdominal Observation*
- 2.3. Abdominal Rebound Provocation Tests*
- 2.4. General Abdominal Visceral Palpation*
- 2.5. Abdominal Auscultation and Percussion*

3. Visceral Complaints per Organ

- 3.1. The Stomach*
 - 3.1.1. Reflux
 - 3.1.1.1. Pathophysiology/Anatomy/Causes
 - 3.1.1.2. Symptoms
 - 3.1.1.3. Assessment
 - 3.1.1.4. Treatment
 - 3.1.2. Hiatus Hernia
 - 3.1.2.1. Pathophysiology/Anatomy/Causes
 - 3.1.2.2. Symptoms
 - 3.1.2.3. Assessment
 - 3.1.2.4. Treatment
 - 3.1.3. Stomach (Peptic) Ulcer and Gastritis
 - 3.1.3.1. Pathophysiology/Anatomy/Causes
 - 3.1.3.2. Symptoms
 - 3.1.3.3. Assessment
 - 3.1.3.4. Treatment
 - 3.1.4. Non-Ulcer Dyspepsia (NUD)
 - 3.1.4.1. Pathophysiology/Anatomy/Causes
 - 3.1.4.2. Symptoms
 - 3.1.4.3. Assessment
 - 3.1.4.4. Treatment
 - 3.1.5. Gastroparesis (Slow Emptying)
 - 3.1.5.1. Pathophysiology/Anatomy/Causes
 - 3.1.5.2. Symptoms
 - 3.1.5.3. Assessment
 - 3.1.5.4. Treatment
 - 3.1.6. Stomach Ptosis

- 3.1.6.1. Pathophysiology/Anatomy/Causes
- 3.1.6.2. Symptoms
- 3.1.6.3. Assessment
- 3.1.6.4. Treatment
- 3.1.7. Stomach Cramping
 - 3.1.7.1. Pathophysiology/Anatomy/Causes
 - 3.1.7.2. Symptoms
 - 3.1.7.3. Assessment
 - 3.1.7.4. Treatment
- 3.1.8. Arterial Dysfunction
 - 3.1.8.1. Pathophysiology/Anatomy/Causes
 - 3.1.8.2. Symptoms
 - 3.1.8.3. Assessment
 - 3.1.8.4. Treatment
- 3.1.9. Pyloric Stenosis
 - 3.1.9.1. Pathophysiology/Anatomy/Causes
 - 3.1.9.2. Symptoms
 - 3.1.9.3. Assessment
 - 3.1.9.4. Treatment
- 3.1.10. Referred Pain (Viscerovisceral Relation)
- 3.1.11. Stomach Pain and Red Flags
- 3.2. *The Duodenum*
 - 3.2.1. General
 - 3.2.2. Sphincter of Oddi Dysfunction
 - 3.2.2.1. Pathophysiology/Anatomy/Causes
 - 3.2.2.2. Symptoms
 - 3.2.2.3. Assessment
 - 3.2.2.4. Treatment
- 3.3. *The Pancreas*
 - 3.3.1. Acute Pancreatitis
 - 3.3.1.1. Pathophysiology/Anatomy/Causes
 - 3.3.1.2. Symptoms
 - 3.3.1.3. Assessment
 - 3.3.1.4. Treatment
 - 3.3.2. Chronic Pancreatitis
 - 3.3.2.1. Pathophysiology/Anatomy/Causes
 - 3.3.2.2. Symptoms
 - 3.3.2.3. Assessment
 - 3.3.2.4. Treatment
 - 3.3.3. Exocrine Pancreatic Insufficiency (EPI)
 - 3.3.3.1. Pathophysiology/Anatomy/Causes
 - 3.3.3.2. Symptoms
 - 3.3.3.3. Assessment
 - 3.3.3.4. Treatment
 - 3.3.3.5. Specific Diseases
 - 3.3.3.5.1. Cystic fibrosis
 - 3.3.3.5.2. Celiac Disease (Gluten Sensitive Enteropathy)
 - 3.3.4. Pancreatic Cysts
 - 3.3.4.1. Pathophysiology/Anatomy/Causes

- 3.3.4.2. Symptoms
- 3.3.4.3. Assessment
- 3.3.4.4. Treatment
- 3.3.5. Diabetes
 - 3.3.5.1. Pathophysiology/Anatomy/Causes
 - 3.3.5.2. Symptoms
 - 3.3.5.3. Assessment
 - 3.3.5.4. Treatment
- 3.3.6. Pancreatic Cancer
 - 3.3.6.1. Pathophysiology/Anatomy/Causes
 - 3.3.6.2. Symptoms
 - 3.3.6.3. Assessment
 - 3.3.6.4. Treatment
- 3.4. *The Liver and Gallbladder*
 - 3.4.1. Virus Infections of the Liver
 - 3.4.1.1. Pathophysiology/Anatomy/Causes
 - 3.4.1.2. Treatment
 - 3.4.2. Alcohol Related Liver Disease
 - 3.4.2.1. Pathophysiology/Anatomy/Causes
 - 3.4.2.2. Symptoms
 - 3.4.2.3. Assessment
 - 3.4.2.4. Treatment
 - 3.4.3. Non-Alcohol Related Liver Disease (Fatty Liver)
 - 3.4.4. Liver Cirrhosis
 - 3.4.5. Liver Cancer
 - 3.4.6. Gallstones (Cholelithiasis) and Inflammation of the Gallbladder and Bile Duct
 - 3.4.6.1. Pathophysiology/Anatomy/Causes
 - 3.4.6.2. Symptoms
 - 3.4.6.3. Assessment
 - 3.4.1.4. Treatment
 - 3.4.7. Hepatorenal Syndrome
 - 3.4.8. Functional Liver Congestion
 - 3.4.8.1. Pathophysiology/Anatomy/Causes
 - 3.4.8.2. Symptoms
 - 3.4.8.3. Assessment
 - 3.4.8.4. Treatment
 - 3.4.9. Liver Related Symptoms
 - 3.4.9.1. Ascites
 - 3.4.9.2. Jaundice
 - 3.4.9.3. Metabolic Syndrome or Insulin Resistance Syndrome or Syndrome X)
 - 3.4.9.4. Liver Fibrosis
 - 3.4.9.4.1. Pathophysiology/Anatomy/Causes
 - 3.4.9.4.2. Symptoms
 - 3.4.9.4.3. Assessment
 - 3.4.9.4.4. Treatment
- 3.5. *The Spleen*
 - 3.5.1. Rupture of the Spleen

- 3.5.1.1. Pathophysiology/Anatomy/Causes
- 3.5.1.2. Symptoms
- 3.5.1.3. Assessment
- 3.5.1.4. Treatment
- 3.5.2. Splenectomy and OPSI-Syndrome
 - 3.5.2.1. Pathophysiology/Anatomy/Causes
 - 3.5.2.2. Symptoms
 - 3.5.2.3. Assessment
 - 3.5.2.4. Treatment
- 3.5.3. Functional Congestion of the Spleen
 - 3.5.3.1. Pathophysiology/Anatomy/Causes
 - 3.5.3.2. Symptoms
 - 3.5.3.3. Assessment
 - 3.5.3.4. Treatment
- 3.6. *The Small Intestine (Intestinum Tenue) and Colon*
 - 3.6.1. Crohn's Disease
 - 3.6.1.1. Pathophysiology/Anatomy/Causes
 - 3.6.1.2. Symptoms
 - 3.6.1.3. Assessment
 - 3.6.1.4. Treatment
 - 3.6.2. Celiac Disease
 - 3.6.3. Intestinal Obstruction
 - 3.6.3.1. Pathophysiology/Anatomy/Causes
 - 3.6.3.2. Symptoms
 - 3.6.3.3. Assessment
 - 3.6.3.4. Treatment
 - 3.6.4. Intestinal Ptosis
 - 3.6.4.1. Pathophysiology/Anatomy/Causes
 - 3.6.4.2. Symptoms
 - 3.6.4.3. Assessment
 - 3.6.4.4. Treatment
 - 3.6.5. Intestinal Ulcer
 - 3.6.6. Inflammatory Bowel Disease (IBD)
 - 3.6.6.1. Pathophysiology/Anatomy/Causes
 - 3.6.6.2. Symptoms
 - 3.6.6.3. Assessment
 - 3.6.6.4. Treatment
 - 3.6.7. Intestinal Cancer
 - 3.6.7.1. Pathophysiology/Anatomy/Causes
 - 3.6.7.2. Symptoms
 - 3.6.7.3. Assessment
 - 3.6.7.4. Treatment
 - 3.6.8. Leaky Gut Syndrome
 - 3.6.8.1. Pathophysiology/Anatomy/Causes
 - 3.6.8.2. Symptoms
 - 3.6.8.3. Assessment
 - 3.6.8.4. Treatment
 - 3.6.9. Short Bowel Syndrome
 - 3.6.10. Malabsorption Syndrome
 - 3.6.10.1. Pathophysiology/Anatomy/Causes

- 3.6.10.2. Symptoms
- 3.6.10.3. Assessment
- 3.6.10.4. Treatment
- 3.6.11. Specific Colon Diseases
 - 3.6.11.1. Proctosigmoiditis
 - 3.6.11.2. Diverticulosis and Diverticulitis
 - 3.6.11.3. Hemorrhoids
 - 3.6.11.4. Rectal Adhesions
 - 3.6.11.5. Ileocecal Sphincter Syndrome or Spasm
 - 3.6.11.6. Venous Sciatica Left
- 3.6.12. Ischemic Small Intestine or Colon
- 3.6.13. Appendicitis
 - 3.6.13.1. Pathophysiology/Anatomy/Causes
 - 3.6.13.2. Symptoms
 - 3.6.13.3. Assessment
 - 3.6.13.4. Treatment
- 3.6.14. Symptoms Associated with Intestinal Disease
 - 3.6.14.1. Constipation
 - 3.6.14.2. Diarrhea
 - 3.6.14.3. Cramps
- 3.7. *The Kidneys, Ureters and Adrenals*
 - 3.7.1. Kidney Stones
 - 3.7.1.1. Pathophysiology/Anatomy/Causes
 - 3.7.1.2. Symptoms
 - 3.7.1.3. Assessment
 - 3.7.1.4. Treatment
 - 3.7.2. Pyelonephritis
 - 3.7.2.1. Pathophysiology/Anatomy/Causes
 - 3.7.2.2. Symptoms
 - 3.7.2.3. Assessment
 - 3.7.2.4. Treatment
 - 3.7.3. Glomerulonephritis
 - 3.7.3.1. Pathophysiology/Anatomy/Causes
 - 3.7.3.2. Symptoms
 - 3.7.3.3. Assessment
 - 3.7.3.4. Treatment
 - 3.7.4. Renal Failure or Insufficiency
 - 3.7.4.1. Pathophysiology/Anatomy/Causes
 - 3.7.4.2. Symptoms
 - 3.7.4.3. Assessment
 - 3.7.4.4. Treatment
 - 3.7.5. Polycystic Kidney
 - 3.7.6. Kidney Cancer
 - 3.7.6.1. Pathophysiology/Anatomy/Causes
 - 3.7.6.2. Symptoms
 - 3.7.6.3. Assessment
 - 3.7.6.4. Treatment
 - 3.7.7. Nutcracker's Syndrome
 - 3.7.7.1. Pathophysiology/Anatomy/Causes
 - 3.7.7.2. Symptoms

- 3.7.7.2. Symptoms
- 3.7.7.3. Assessment
- 3.7.7.4. Treatment
- 3.7.8. Nephroptosis
- 3.7.9. Trauma to the Kidney
- 3.7.10. Kidney Immobility
- 3.7.11. Hyperadrenocorticism
 - 3.7.11.1. Pathophysiology/Anatomy/Cause
 - 3.7.11.2. Symptoms
 - 3.7.11.3. Assessment
 - 3.7.11.4. Treatment
- 3.7.12. Hypoadrenocorticism
 - 3.7.12.1. Pathophysiology/Anatomy/Cause
 - 3.7.12.2. Symptoms
 - 3.7.12.3. Assessment
 - 3.7.12.4. Treatment
- 3.8. *Viscerosomatic Reflexes and Pain*
 - 3.8.1. General
 - 3.8.2. Referred Pain from the Abdominal Organs
- 3.9. *Somatovisceral Relation*

Bibliography

Acknowledgment

Disclaimer