

Further reading

Oesophageal Disease

Topics in Gastroenterology 4, ed. Truelove & Ritchie
(Oxford: Blackwell Scientific Publications)

Clinics in Gastroenterology vol. 5, no. 1, Disorders of Oesophageal Motility, ed. Atkinson (New York: W. B. Saunders)

Peptic Ulcer

Topics in Gastroenterology 1, ed. Truelove & Jewell (Oxford: Blackwell Scientific Publications)

Topics in Gastroenterology 7, ed. Truelove & Willoughby
(Oxford: Blackwell Scientific Publications)

Topics in Gastroenterology 6, ed. Truelove & Heyworth
(Oxford: Blackwell Scientific Publications)

Gastrointestinal Haemorrhage

Clinics in Gastroenterology vol. 10, no. 1, Gastrointestinal Emergencies, ed. Torsoli (New York: W. B. Saunders)

Topics in Gastroenterology 3, ed. Truelove & Goodman
(Oxford: Blackwell Scientific Publications)

Irritable Bowel Syndrome

Topics in Gastroenterology 1, ed. Truelove & Jewell (Oxford: Blackwell Scientific Publications)

Clinics in Gastroenterology vol. 6, no. 3, The G. I. Tract in Stress and Psychological Disorder, ed. Almy & Fielding (New York: W. B. Saunders)

Inflammatory Bowel Disease

Topics in Gastroenterology, 1, ed. Truelove & Jewell
(Oxford: Blackwell Scientific Publications)

Topics in Gastroenterology, 8, ed. Truelove & Kennedy
(Oxford: Blackwell Scientific Publications)

Coeliac Disease

Topics in Gastroenterology, 4, ed. Truelove & Ritchie
(Oxford: Blackwell Scientific Publications)

Immunology of the G. I. Tract, ed. Asquith (Edinburgh:
Churchill Livingstone)

Liver & Biliary System – General

Liver & Biliary Disease, ed. Wright, Alberti, Karvan &
Millward-Sailler (New York: W. B. Saunders)

Diseases of Liver & Biliary System, Sherlock (Oxford:
Blackwell Scientific Publications)

Hepatitis

Topics in Gastroenterology, 3, ed. Truelove & Goodman
(Oxford: Blackwell Scientific Publications)

Topics in Gastroenterology, 4, ed. Truelove & Ritchie
(Oxford: Blackwell Scientific Publications)

Topics in Gastroenterology, 6, ed. Truelove & Heyworth
(Oxford: Blackwell Scientific Publications)

Drugs and the Liver

Topics in Gastroenterology, 5, ed. Truelove & Lee (Oxford:
Blackwell Scientific Publications)

Gastrointestinal Cancer

Cancer of the G. I. Tract. Clinics in Gastroenterology vol. 5,
no. 3, ed. Sherlock & Zamcheck (New York: W. B.
Saunders)

Gastroenteritis

Infections of the G. I. Tract. Clinics in Gastroenterology, ed.
Lambert (New York: W. B. Saunders)

The Acute Abdomen

Gastrointestinal Emergencies. Clinics in Gastroenterology,
ed. Torsoli (New York: W. B. Saunders)

Index

- abdominal adhesions and obstruction 45, 46
abdominal distension 44
abscess, pericolic 42, 44, 45
achalasia 27–9, 131
 complications 29
 dilatation 29
 eating 28
 investigations 28, 133, 134
 pathology 28
 surgery 28, 29
acidity, gastric 19, 139
acid perfusion see Bernstein Test
acute abdomen 39–51
 diagnosis 39, 48–51
 gynaecological causes 47, 48
 medical causes 51
 obstruction 44–6
 urine testing 51
Addison's disease and vomiting 34
aerophagy 128
 eating habits and pain 57
age and gastrointestinal bleeding 108
alcohol
 abdominal discomfort 57
 intolerance 178, 179
 jaundice 120, 122
 and malabsorption 86
 and pancreatitis 44, 201
 safe consumption 190
 treatment and diet 191
vomiting and abuse 36, 37
alcoholic liver disease 187–91
 see also cirrhosis
 features 188, 189
 incidence and mortality 187
 investigations 189
 management 190
 occupational risk and mortality 188
 pathogenesis and fat deposition 187, 188
 prognosis 191
 survival 192
alginate 20
alkaline phosphatase 179
 in jaundice 121
aluminium hydroxide, bile salt binding 21
amoebiasis 67
amylase, serum and pancreatitis 43, 61, 203, 205
anaemia 60
 diarrhoea 75, 77
 malabsorption 85
anal fissure 113
angiodyplasia and bleeding 114
angiography, gastrointestinal bleeding 111
anorexia 30
 in carcinoma 73
 occurrence and significance 125
anorexia nervosa 37, 94, 125

Problems in Gastroenterology

- incidence 35
- management 35, 36
- antacids 19, 20
 - gallbladder disease 58
 - gastric carcinoma 54
 - ulcer treatment 143
- antibiotics
 - and cirrhosis 198
 - diverticular disease 43
 - induced diarrhoea 69
 - peritonitis 47
 - salmonella diarrhoea 64, 65
- antibody, antireticular 82
- antireflux mechanisms and food 19
- aortic aneurysms 48, 49
 - age and pain 49
 - operative treatment and mortality 50
 - survival 49
- appendicitis
 - diagnostic problems 40
 - management 41
 - pregnancy 40, 41
- appendix
 - mass, management 41
 - pelvic 41
 - retrocaecal 40
- arteriography 112
- ascites
 - and cirrhosis 196, 197
 - and diet 197
 - protein 196
- aspirin 106
 - and ulcers 141
- bacteria see also infection 82, 83
 - small bowel colonization 82, 83, 153
- barium meal 18, 142
 - abdominal pain 59
- belching, causes 128
- Bernstein Test 18
- bile salts, impaired absorption 82
- biliary colic 57
- bilirubin in jaundice 117, 118, 121
- biopsy
 - coeliac disease 150
 - liver and cirrhosis 195
 - percutaneous, liver 123
- rectal 162
- small bowel 87, 154
- blood transfusion, gastrointestinal bleeding 105, 106
- bowel habit change 46, 73
- bowel necrosis 51
- breath, bad 126, 127
- breath test, radioactive carbon bile salt 89, 90
- Campylobacter* spp 114
- diarrhoea and symptoms 65, 66
- candidiasis 29
- carbenoxolone 20, 70
 - mucosal effects 144
- carbon tetrachloride and liver damage 183
- carcinoid tumours and diarrhoea 78
- carcinoma 30
 - bronchus 29
 - colon, investigation 60
 - colon and obstruction 44
 - colorectal 56, 75
 - constipation and colonic 98
 - gastric 133
 - gastric fundus 24
 - gastric and pain 54, 59
 - hepatocellular 187
 - and jaundice 123
 - large bowel 113
 - oesophageal 29, 135
 - oesophageal, causes and management 26, 27
 - pain 54, 56
- pancreatic 56, 61, 121, 202
- post-cricoid 24
- previous surgery 54
- rectal 100
- rectal and obstruction 45, 73
- weight loss 30, 54
- cardiomotomy 28, 29
- Celestin tube 26
- chlorpromazine hypersensitivity 185
- cholangiogram 61
 - jaundice 124
- cholangiography, percutaneous transhepatic 124
- cholangio-pancreatography, endoscopic retrograde 124

Index

- cholecystectomy 42
pancreatitis 44
cholecystitis see gallbladder disease
cholecystogram 61
cholestasis, drugs inducing canalicular 186
cimetidine 20, 143
cirrhosis
ascites 196, 197, 199
biochemical tests 189
bone damage 195
categories 191–5
causes 192, 193
complicated, asymptomatic 193
decompensated 193, 194
encephalopathy 191, 194, 197 198
features 188, 189
investigations and diagnosis 195
libido loss 199
management 195, 196
serum sodium 198, 199
cholelithiasis 201
Clostridium difficile and pseudomembranous colitis 69, 70
clubbing, finger nails 86
coeliac disease
and carcinoma 150
diagnosis 87, 88, 150
incidence in Ireland 150
and malabsorption 149–51
mental function 86
treatment and gluten exclusion 150
colon, treatment of perforated 47
colonic volvulus 45
colonoscopy 60, 112, 135–7
colon cleaning 135
general practice 137
indications 136
procedure 79
sedation 135
therapeutic 136, 137
constipation 171
causes 97–9
definition 97
fibre 99
management 99, 100
prophylaxis 100
simple 97
cortical inhibition, false dysphagia 22
Crohn's disease 72, 84, 85, 88, 113
abdominal pain 56, 166
aetiology 165, 166
clinical signs 166, 167
diagnosis 60, 74, 75
drug treatment 167
follow-up and management 168
guarding and iliac fossa 74, 75
incidence and increase 165
inflammation distribution 166
investigations 76
and malabsorption 152
mucosal appearance 167
surgery and management 167, 168
symptoms 73
- defaecation
incomplete emptying sensation 100, 101
and irritable bowel syndrome 55
patterns 97
reflex 98
dermatitis herpetiformis 86
intestinal lesion 151
descending perineum syndrome 100
diabetes mellitus
acute abdomen 51
diarrhoea 78, 87
diaphragm, pinchcock action 15
diarrhoea alternating with constipation 100
diarrhoea, acute 63–70
bacterial 63–6
drug-induced 69, 70
infective 63–6
management of infectious 68
prophylaxis 66
toxin-induced 63, 64
travellers 66–8
viral 66
diarrhoea, chronic and recurrent 71–9

Problems in Gastroenterology

- bacterial 76
 - blood loss 77
 - blood tests 77
 - causes 71, 72
 - drug use 74
 - investigations 76–9
 - malabsorption 84
 - silver stools 73
 - spurious, faecal impaction 73
 - diverticular disease 42, 43
 - bleeding 113, 114
 - colon 171–3
 - management and drugs 172, 173
 - pain 55
 - rectal examination 43
 - surgery 43, 45, 173
 - diverticulitis, definition and inflammation 172
 - diverticulosis 74
 - diffuse, incidence and treatment 171
 - sigmoid 171–3
 - drugs
 - anti diarrhoea 160
 - antispasmodic 159, 160
 - causing diarrhoea 69, 70
 - cirrhosis 198
 - colitis 162, 163
 - diverticular disease 172, 173
 - heartburn 20
 - and hepatitis 181
 - hepatotoxic 182–4
 - hypersensitive, liver damage 184, 185
 - liver inflammation 179
 - pancreatitis 201
 - ulcer 143
 - vomiting 34
 - duodenal ulcer
 - acid production 140
 - gastric distinction 54
 - surgery 145, 146
 - treatment of perforated 47
 - duodenitis 60
 - duodenum, endoscopy 133
 - dysentery see *Shigella* spp
 - dyspepsia
 - and food 53, 54
 - and stress 57
 - dysphagia 21–30
 - achalasia 28
 - and carcinoma 24
 - cortical inhibition 22
 - endoscopy 131
 - false 21, 22
 - and neuromuscular disease 24
 - oesophageal 24
 - palliative treatment 26
 - pharyngeal 22, 23
 - true 22–4
- ectopic pregnancy and bleeding 48
- Eder Penstow dilator 27
- encephalopathy
 - chronic in cirrhosis 199
 - and cirrhosis 191, 194, 197, 198
- diet control 198
- precipitation 197, 198
- endoscopy, gastrointestinal 24–6, 129–37 *see also colonoscopy*
 - abdominal pain 59, 60
 - accuracy of diagnosis 133
 - achalasia 28
 - contraindications 130
 - duodenum 133
 - equipment 129
 - oesophagus 130–2
 - procedure 18
 - stomach 132, 133, 142
 - therapeutic intubation 134, 135
 - upper gastrointestinal 130–5
- Entamoeba histolytica* diarrhoea 67, 68, 74, 76
- erythrocyte sedimentation rate 60
- Escherichia coli* toxins and diarrhoea 63, 64
- faecal fat 206 *see also steatorrhoea*
 - determination 88
- faecal impaction management 99
- fibre 99, 172
- folate deficiency
 - malabsorption 85
 - serum levels 87
- food
 - contaminated 66
 - pain 53, 54

Index

- gallbladder disease
acute and pain 58
age 41
causes 41
drugs 42
management 42
pain 55, 57, 58
symptoms 42
gallstones 187
 Crohn's disease 169
 estimated incidence 58
gangrenous small bowel 46
gastrectomy and vomiting 36
gastric surgery
 and heartburn 20, 21
 and malabsorption 151
gastric ulcer
 acid production 139
 endoscopy 132, 133
 surgery 146
 treatment of perforated 47
gastritis, pain 56, 57
gastrointestinal haemorrhage
 103–15 see also rectal
 acute upper, causes 103–7
 management 105–7
 mortality and age 103, 107,
 108
 severity assessment 104, 105
 signs 105
 sites 106
 surgery 107–10
gastrointestinal haemorrhage,
 chronic
 causes 110, 111
 investigations 111, 133
gastro-oesophageal reflux
 antacids 30
 drugs 30
 factors increasing 31
 heartburn 16
 lump in throat 22
 and vomiting 36
Giardia lamblia infection 74,
 76, 87
 and malabsorption 154
 symptoms and treatment 67
Gilbert's disease, jaundice 118
globus hystericus, false
 dysphagia 22
gamma-glutamyl transpeptidase
 in jaundice 122
- gluten sensitive enteropathy see
 coeliac disease
- H₂ antagonists 143 see also
 cimetidine
- haematemesis 103, 104
- haemochromatosis 196
- haemorrhage see also
 gastrointestinal, rectal
 haemorrhage
 achalasia 29
 cirrhosis 198
 ectopic pregnancy 48
 heartburn 21
- haemorrhoids, rectal blood
 loss 112
- halitosis 127
- Hartmann's procedure 43
- heartburn 16–21
 diagnostic problems 18, 19
 management 19, 20
 pain 17
 predisposing situations 20, 21
 site 17
 surgery 21
- hepatitis 178
- Australia antigen 122
 causes 120, 121
 chronic persistent 178, 179
 complications 177, 178
 fulminant 178
 halothane 186
 and jaundice 120, 121
 non-A, non-B 177
- hepatitis, chronic active 179–82
- drugs and 180
 features 179
 investigations 180, 181
 lupoid group 180, 181
 lupoid treatment 181, 182
- hepatitis, type A
 alcohol abstinence 176
 clinical features 175
 virus 175
- hepatitis, type B
 carrier identification 177
 prevention and management
 177
 sex incidence 180
 virus particle 176
- hepatomas and oral
 contraceptives 187

Problems in Gastroenterology

- hepatotoxicity
drugs inducing 182–5
hypersensitive damage 184,
185
- hernias
Richter 46
small bowel obstruction 45, 46
- hiatus hernia
endoscopy 131
sliding 18
- Hirschprung's disease 99
- hyperbilirubinaemia,
unconjugated in jaundice
117, 118
- hypersensitivity, characteristics
of liver 185
- indican, urinary 90
- infection
bleeding 114
diarrhoea 63–6
viral 175–8
vomiting 33
- inflammatory bowel disease
161–9 *see also* ulcerative
colitis, Crohn's
arthritis 168
colonoscopy 136
complications 168, 169
- inflammatory disease, acute
abdomen 40–4
- intragastric pressure 19
- intrinsic factor 90
- iron deficiency
and malabsorption 85
serum levels 87
- irritable bowel syndrome
157–60
aetiology 157
constipation 98
diagnosis and pain 55, 60, 72
diarrhoea 159
and diet 158
drugs 159, 160
erratic bowel habit 158
incidence 157, 158
management 159, 160
pain types 55, 74, 158
radiology 78
symptoms 72
- ischaemic bowel disease 50, 55
- isoniazid toxicity 184
- jaundice 57, 193, 194
causes in UK and mechanisms
119
- diagnosis of causes 117–24
- drugs inducing 184, 185
- features and hepatitis 119–21,
175, 176
- investigations 121–4
- serum bilirubin 117
- ketoacidosis 51
- laparoscopy 47, 48, 123
- laparotomy 48, 61, 112, 204
- laxative abuse
management 94
specific problems 95
surreptitious 94, 95
types 93–5
- laxatives, types and problems
95, 96
- liquid paraffin and malabsorption
95
- liquorice, deglycyrhizinated
144
- liver
detoxification 194
diseases *see also* hepatitis,
alcoholic hepatitis
175–99
- disorders in Crohn's disease
169
- function tests 189
- pain, causes 58
- radioisotope scanning 123
- scanning 195
- lower oesophageal sphincter
factors affecting 19
and muscle activity 16
and reflux 15
- lump in throat sensation 31
- lymphadenopathy 75
- lymphoma
gut 111
Mediterranean and alpha chain
153
- small intestine 153
- malabsorption 75, 81–91
anaemia 85
- bacterial colonization 82, 83
- bile salts 82

Index

- causes in UK 83, 84
diseases and conditions causing 149–55
history 86
investigations 77, 87–91
jaundice 83
nutritional deficiencies 84–6
pancreatic function 82, 83,
 205, 206
post-infection 154
signs 86
small intestine disease 81
surgery 81–3
manometry and heartburn 19
megacolon 69
melaena 103
 and gastrointestinal bleeding
 105
melanosis coli 94
Menière's disease and vomiting 36
mesenteric adenitis 40
mesenteric angina 125
mesenteric artery occlusion,
 inferior
 thumbprint sign 50
mesenteric artery occlusion,
 superior
 features and treatment 51
methotrexate toxicity 184
metoclopramide 19
migraine and vomiting 36
Mousseau Barbin tube 26
musculoskeletal pain, causes 58, 59
myocardial infarction and acute abdomen 51
nausea 33–7
 and vomiting 33
obesity and appendicitis 41
obstruction
 causes 44, 45
 investigations 45
 large bowel 44, 45
 small bowel 45, 46
 sudden acute small bowel 45
 treatment 46
oedema and malabsorption 86
oesophageal reflux
 anti-reflux 15, 19
 mechanisms 16
oesophageal stricture 24–6
 benign and malignant 25, 30
 causes 24
 investigations 25, 131
oesophageal tubes 131, 132
oesophageal varices
 balloon compression 109
 bleeding 108, 109
 fibre optic injection 132
 surgery 109, 110
 vasopressin 109
oesophagitis 18
oesophagus structure and function 15, 16
osteomalacia
 cirrhosis, treatment 199
 malabsorption 86
oxyphenisatin toxicity 184

pain
 abdominal 41, 44
 and acidity 19, 20
 aortic aneurysm 49
 cardiac and heartburn 17, 18
 dysphagia 29
 food 53, 54
 heartburn, mechanism 17
 jaundice 119
 left iliac fossa 46, 55
 malabsorption 84
 oesophageal stricture 25
 pancreatitis 204, 205
 right iliac fossa 40
 spontaneous 27
 ulcer 141, 145
 and vomiting 36, 37
pain, recurrent abdominal 53–61
 and eating 53, 54
 investigations 59–61
 irritable bowel syndrome 55
pancreatic function tests 61
pancreatitis 61
 and alcohol 44, 201
 epigastric pain 55, 56
 and insufficiency 155
 malabsorption 89, 155, 205,
 206
 mortality 44
 pain 204
 treatment 44

Problems in Gastroenterology

- pancreatitis, acute
 causes 201, 202
 complications 204
 diagnosis 43, 44
 diagnostic tests 203
 fulminant 202
 mild 202
 mortality 205
 treatment 44, 204
 treatment of inflammation 203
- pancreatitis, chronic
 causes 205
 investigations 206
 management 206
 symptoms and pain 205
- pancreatography, endoscopic
 retrograde 61, 89, 206
- paracetamol poisoning 183
- Paul-Mikulicz operation 43
- pelvic inflammatory disease see
 salpingitis
- peptic stricture, benign 27
- peptic ulcer 139–46 see also
 gastric, duodenal
 aetiology 140, 141
 clinical features 141
 diagnostic investigations 142
 healing 145
 incidence and sex 139
 investigation and treatment 59
 management 145
 pain 141, 145
 pain relief 54
 stress 141
 vomiting 36
 waking pain 54
- perforation, intestinal 171
 diagnosis and history 46
 treatment 47
 X-ray 46, 47
- peristalsis, secondary 16
- peritoneal rupture
 and aortic aneurysm 49
 intra- and extra- 49
 repair and survival 49, 50
- peritoneal lavage 47
- peritonitis 172
- Peutz-Jegers syndrome 111
- pharyngeal pouches and
 dysphagia 23
- pharyngo-oesophageal web or
 stricture
- anaemia 23
 obstruction 23
- photocoagulation 108
- pneumonia, lower lobe 51
- polyposis 111
 and bleeding 113
 therapeutic colonoscopy 136, 137
- polysiloxanes 20
- prednisolone 181, 182
- pregnancy see also ectopic
 appendicitis 40, 41
 constipation 96
 Crohn's disease 169
 and heartburn 20
 vomiting 34
- proctalgia fugax 101
- proctitis management 162
- prostaglandins 144
- protein losing enteropathy 86
 chromium 51 test 90, 91
- prothrombin time 86
- pruritis 119, 120
- pseudomembranous colitis 69, 70
 antibiotics implicated 69
- pyloric stenosis and vomiting 34
- pyrexia 58
- radiology
 achalasia 28
 chronic and diarrhoea 78, 79
 malabsorption 88
 oesophageal stricture 25
 pancreatitis 203
- rectal examination
 constipation 100
 diarrhoea 75
- rectal haemorrhage
 causes 112–14
 infections 114
 investigations 112, 136
 massive 114, 115
- rectal ulcer 101
- regurgitation and heartburn 17
- renal colic and pain 44
- renal pain, causes 58
- Salmonella* spp 114
 diarrhoea 64, 65
- salpingitis (pelvic inflammatory disease) 41, 47, 48

Index

- and appendicitis 47
- laparoscopy 47, 48
- Schatzki's ring 25
- Schilling test and vitamin B₁₂
 - absorption 90
- schistosomiasis 68
- scleroderma
 - and dysphagia 29
 - heartburn 21
- sclerosant therapy 110
- Sengstaken tube 109
- serum transaminases in hepatitis 121, 122, 179
- Shigella* spp dysentery 65
- sigmoidoscopy 60, 67, 68, 94, 100, 112, 162
 - bowel cancer diagnosis 113
 - bowel obstruction 45
 - chronic diarrhoea 76
- small bowel
 - ischaemia, chronic 153
 - resection and malabsorption 152
 - treatment of perforated 47
- smoking 143
- stagnant loop syndrome 89, 172
- steatorrhoea 72, 73, 82, 88, 89
- stomach endoscopy 132, 133
- stool examination 76, 77
- stress 141
 - dyspepsia 57
- sulphasalazine 162, 163
- surgery
 - Crohn's disease 167, 168
 - diverticular disease 173
 - gallstone incidence 152, 153
 - gastric and carcinoma 54
 - gastrointestinal bleeding 107, 108
 - and malabsorption 81, 82, 86, 151–3
 - pancreatitis 204–6
 - peptic ulcer 145, 146
- swallowing 15
 - difficulties see dysphagia
- telangiectasia, hereditary
 - haemorrhagic 110
- tetracycline hepatotoxicity 182, 183
- thumbprint sign 50
- thyrotoxicosis 73
- and diarrhoea 78
- tongue, abnormal; causes and significance 126
- toxins
 - bacterial and diarrhoea 63, 69, 70
 - cirrhosis 198
- travel and malabsorption 86
- tropical sprue 68
 - malabsorption 154
- ulcerative colitis 72, 113, 119
 - aetiology 161, 162
 - cancer risk 164, 165
 - diagnosis 162
 - diarrhoea 162
 - follow-up 164, 165
 - hospitalization indications 163, 164
 - incidence and geography 161
 - management 162–4
 - surgery 164
- ulcers, mouth 126
- ultrasonography 61
 - jaundice 123, 124
 - pancreatitis 203
- vestibulitis 33
- virus 66, 175–7
- vitamin B₁₂ deficiency
 - absorption mechanisms 90
 - and absorption test 90
 - and malabsorption 82, 85, 90
- vomiting 33–7, 141
 - acute 33
 - and anorexia nervosa 35, 36
 - causes 33, 34
 - coffee grounds 104
 - episodic, causes 34–6
 - infections 33
 - menstruation 35
 - persistent, causes 34
 - psychogenic, causes 35
- weight control 19
- weight loss 30, 54, 141
 - and diarrhoea 73
 - malabsorption 85
- Whipple's disease 87
 - malabsorption 154, 155
- Wilson's disease
 - diagnosis 181

Problems in Gastroenterology

- management 196
 - wind
 - alimentary, composition and causes 127, 128
 - and diet 128
 - X-ray *see also radiology*
 - bowel obstruction 45
 - free air, diaphragm 46
 - perforation 46, 47
 - xylose absorption test 87
- Yersinia* spp and Crohn's disease 165