

1. Record Nr.	UNINA9910965351103321
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Titolo	Pearce's surgical companion : essential notes for postgraduate exams / / Oliver Pearce
Pubbl/distr/stampa	Harley : , : tfm publishing, , 2009
ISBN	1-908986-41-7
Edizione	[1st ed.]
Descrizione fisica	1 online resource (434 p.)
Disciplina	617.0076
Soggetti	Surgery - Examinations Surgery, Operative - Examinations
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	<p>""COVER FRONT"; ""Contents"; ""Preface""; ""Acknowledgements"";      ""Bibliography""; ""Abbreviations""; ""Section 1 Applied basic sciences"";      ""Chapter 1 Pathology and practice of surgery""; ""Basic pathological terminology""; ""Acute inflammation""; ""Chronic inflammation"";      ""Microbiology""; ""Sterilisation techniques""; ""The immune system"";      ""Immune deficiency""; ""Hypersensitivity reactions""; ""Acute inflammatory response""; ""Risk of wound infection (surgical site infection [SSI])""; ""Wound healing""; ""Neoplasia""; ""Carcinogenesis"";      ""Chemotherapy""; ""Radiotherapy (DXT)""      ""Malignant melanoma""""Blood and blood products""; ""Blood transfusion complications""; ""Massive transfusion""; ""Clotting cascade""; ""Disorders of coagulation""; ""Deep venous thrombosis (DVT)""; ""Disseminated intravascular coagulation (DIC)""; ""Hepatitis"";      ""Bone""; ""Bone healing""; ""Atherosclerosis""; ""Transplantation"";      ""Suture materials""; ""Drains""; ""LASER""; ""Screening""; ""Euthanasia"";      ""Statistics""; ""Clinical audit""; ""Clinical governance""; ""Chapter 2 Physiology and critical care""; ""Respiratory physiology""; ""Ventilation"";      ""Pulse oximetry""      ""Adult respiratory distress syndrome""""Pulsus paradoxus""; ""Cardiac physiology""; ""Physiology""; ""Factors that influence coronary blood flow""; ""a€?Couplinga€? of the heart and the blood vessels""; ""Shock"";      ""Sepsis""; ""Body fluids and compartments""; ""Physiology of the arterial system""; ""Inotropes""; ""Central line insertion""; ""Cerebral blood</p>

flow"; "Renal physiology"; "Kidneys"; "Renal function"; "Renal tubular function"; "Potassium regulation"; "Calcium homeostasis"; "Acid-base balance"; "Management of acute renal failure"; "Dialysis"  
"Gastrointestinal physiology" "GI tract histology"; "Gastric function"; "Pancreas"; "Liver"; "Jaundice"; "Volumes of GI secretions"; "Endocrine physiology"; "Regulation of hormone secretion"; "Hypothalamus"; "Pituitary"; "Thyroid physiology"; "Parathyroid physiology"; "Adrenal physiology"; "Calcium metabolism"; "General physiology topics"; "Nociception"; "Local anaesthetics"; "General anaesthesia"; "Diathermy"; "Nutrition"; "Burns"; "Myocardial infarction"; "APACHE II score"; "ASA score"; "Brainstem death criteria"  
"Paediatric general principles" "Chapter 3 Anatomy"; "Abdominal anatomy"; "Anterior abdominal wall"; "Abdominal wall incisions"; "Posterior abdominal wall structures"; "Anatomy of the liver"; "Anatomy of the kidneys"; "Suprarenal glands (adrenal glands)"; "Anatomy of the spleen"; "Anatomy of the pancreas"; "GI tract anatomy"; "Gastroepiploic foramen (of Winslow)"; "Transpyloric plane of Addison"; "Gallbladder"; "Anatomy of the inguinal region"; "Femoral canal"; "Pelvic anatomy"; "Pelvic anatomy (as it relates to general surgery)"; "Pelvic floor"  
"Pelvic fascia"

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#### Sommario/riassunto

This book represents a review of all the subjects with which a junior doctor needs to be effortlessly conversant in their postgraduate surgical exams in order to qualify as a specialist trainee. It covers a full range of subjects, concisely written to aid the revision process and includes basic science, physiology, anatomy, examination techniques, operative surgery and clinical surgery topics. The latter two sections are further subdivided into their relevant surgical specialty for clarity and ease of learning: general surgery, orthopaedics, vascular surgery, ENT surgery, breast and endocrine surgery, and urology. The physiology section is further subdivided into the following areas: respiratory, cardiac, renal, gastrointestinal, endocrine, and general. The purpose of this book is to pull together the main subject areas to provide a coherent overview of the facts, as well as the principles, which examiners are looking for when deciding whether a doctor has the requisite skills and knowledge to proceed further with their training in surgery as a specialist. It contains essential required information, which would otherwise take months to gather by reading a variety of textbooks, each one specifically aimed at its own specialist topic.

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