

1. Record Nr.	UNINA9910830734803321
Autore	Hardy Maryann
Titolo	Paediatric radiography [[electronic resource] /] / Maryann Hardy, Stephen Boynes
Pubbl/distr/stampa	Oxford, UK ; ; Malden, MA, USA, : Blackwell Science, 2003
ISBN	1-280-21323-X 9786610213238 0-470-70877-8 0-470-77607-2 1-4051-4768-7
Descrizione fisica	1 online resource (226 p.)
Altri autori (Persone)	BoynesStephen
Disciplina	618.92007572
Soggetti	Pediatric radiography Diagnostic imaging Pediatrics
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	Paediatric Radiography; Contents; Preface; Acknowledgements; 1 Understanding childhood; Physical growth; Psychological and cognitive development; Birth to 3 years; 3 to 7 years; 7 to 11 years; Adolescents; Role of family; Role of play; Summary; References; 2 Consent, immobilisation and health care law; Children's rights; Health care law; Immobilisation versus restraint; Holding children still - a five-point model; Summary; References; 3 Radiation protection; Ionising radiation regulations; Patient positioning; Field size and beam limitation; Radiographic exposure parameters; Focal spot size Tube filtrationVoltage; Anti-scatter grids; Screen film systems; Digital systems; Automatic exposure control; Automatic brightness control; Summary; References; 4 The chest and upper respiratory tract; Structural and functional anatomy; The thorax, lungs and respiratory tract; The thymus; The heart; Pathology of the chest and upper respiratory tract; The upper/extra-thoracic airway; The lower/intra-thoracic airway; The chest wall and pleura; Radiographic technique for the chest and upper respiratory tract; Choice of projection; Antero-

posterior (supine); Antero-posterior (erect)
Postero-anterior (erect) Radiographic assessment criteria for antero-posterior/ postero-anterior projections of the chest; Area of interest to be included on the radiograph; Rotation; Lordosis; Respiration; Exposure; Artefacts; Supplementary radiographic projections of the chest and upper respiratory tract; Lateral chest; Lateral decubitus (antero-posterior); Lateral soft tissue neck; Post-nasal space; Exposure factors and radiation protection; Summary; References; 5 The abdomen; Structural and functional anatomy; Gastrointestinal system; Genitourinary system; Gastrointestinal pathology
Congenital pyloric stenosis; Intussusception; Appendicitis; Hernia; Gastroesophageal reflux; Meckel's diverticulum; Inflammatory bowel disease; Swallowed foreign body; Genitourinary system pathology; Urinary tract infection; Vesicoureteric reflux; Hydronephrosis; Posterior urethral valves; Haematuria; Renal agenesis; Chronic renal failure; Undescended testes (cryptorchidism); Abdominal mass; Nephroblastoma (Wilms' tumour); Signs and symptoms of abdominal pathology; Abdominal pain; Vomiting; Gastrointestinal bleeding; Constipation; Chronic diarrhoea; Gastric dilatation
Radiographic technique for the abdomen; Plain film abdominal radiography; Supine abdomen; Erect abdomen; Lateral decubitus; Lateral abdomen; Exposure factors and radiation protection; Radiographic assessment criteria; Fluoroscopic examinations; Gastrointestinal tract examinations; Barium swallow and meal; Barium follow-through; Small bowel enema; Barium enema; Renal tract examinations; Intravenous urography; Micturating cystourethrography; Summary; References; 6 Neonates; Organisation of neonatal care; Care by the radiographer; Handling; Infection; Warmth; Noise
Respiratory and cardiovascular pathology

Sommario/riassunto

Radiography is an integral part of paediatric health care. It is frequently requested to assist in the diagnosis, management and treatment of childhood disease and illness. Accurate interpretation of paediatric radiographs can depend entirely on the quality of images produced by the radiographer, yet there are few books available on this crucial aspect of radiographic practice. Paediatric Radiography fills a gap. It explores radiographic practice within the context of the modern health service and focuses on how our knowledge and understanding of paediatric growth,