VOL 65 NO 770 FEBRUARY 1992

The British Journal of Radiology

Contents

Papers

Page

Computed tomographic assessment of soft tissue abnormalities following calcaneal fractures 105
S. A. Bradley and A. M. Davies

The use of a chelating derivative of alpha melanocyte stimulating hormone for the clinical imaging of malignant melanoma 112
E. P. Wraight, D. R. Bard, T. S. Maughan, C. G. Knight and D. P. Page-Thomas

Measurement of tibial torsion—a new technique applicable to ultrasound and computed tomography 119
P. A. Butler-Manuel, R. L. Guy and F. W. Heatley

Measurement of forearm bone mineral density in normal women by dual-energy X-ray absorptiometry 127
P. J. Ryan, G. M. Blake and I. Fogelman

Fat suppression in magnetic resonance imaging at low field strength using binomial pulse sequences 132
C. J. Baudouin, D. J. Bryant and I. R. Young

Duplex Doppler ultrasound in the investigation of occult nephropathy following haemolytic uraemic syndrome 137
F. V. Gleeson, M. M. Fitzpatrick, J. Somers, C. Kennedy, R. De Bruyn and T. M. Barratt

Percutaneous transluminal angioplasty: pain during balloon inflation 140
Y. Korogi, M. Takahashi, H. Bussaka and Y. Hatanaka

Mitomycin C, 5-fluorouracil and radiation in advanced, locally recurrent rectal cancer 143
W. Dobrowsky

Reduction in the diameter of human hairs following irradiation 148
V. K. Sieber, E. M. Sugden, C. J. Alcock and R. R. Belton

The influence of methotrexate on radiation-induced damage to different lengths of the rat spinal cord 152
G. M. Morris, J. W. Hopewell and A. D. Morris

Re-irradiation of soft-tissue sarcoma 157
J. D. Graham, M. H. Robinson and C. L. Harmer

Minimizing radiation dose to patient and staff during fluoroscopic, nasoenteral tube insertions 162
S. Rudin and D. R. Bednarek

Technical note

Magnetic resonance imaging of Fricke-doped agarose gels for the visualization of radiotherapy dose distributions in a lung phantom 167
S. J. Thomas, I. D. Wilkinson, A. K. Dixon and P. P. Dendy

Case reports

Magnetic resonance imaging of peritoneal leiomyosarcomatosis 170
R. W. Kerslake and B. S. Worthington

The use of ^{123}I-Hippuran renography in the management of synchronous bilateral upper urinary tract transitional cell carcinomata 172
D. P. S. Sandhu, P. Sambrook and N. J. R. George

Magnetic resonance imaging of penile rhabdomyosarcoma 175
G. S. Ganesan, D. Cory, M. E. Mitchell and J. A. Jones

An unusual presentation of pulmonary alveolar microlithiasis and diaphyseal aclasia 178
D. A. Ritchie, S. A. O'Connor and D. McGivern

Carcinoma of the ovary: a diagnostic hitch 181
I. Zammit-Maempel, P. M. Hughes, U. Patel and R. J. Johnson

Case of the month

Now you see it... now you don't 183
J. S. Millar

Short communication

An association between leakage of contrast seen on T-tube cholangiogram and subsequent biliary peritonitis 185
J. G. Mosley, J. A. Barron, M. C. Holbrook and A. Desai

Correspondence

Computer-based teaching file 187
M. Cornali and A. P. Battaglia

The use of MRI in the investigation of spinal cord compression 187
T. J. Podd and S. E. Walkden

The significance of patient weight when comparing X-ray room performance against guideline levels of dose 188
J. R. Williams and M. K. Catling

Authors' reply 189
D. Hart and P. C. Shrimpton

Scattered X-ray intensities from fluoroscopy units 190
D. A. Bradley, M. Arunasalam and K. H. Ng

Book reviews

Interstitial Brachytherapy: Physical Biological and Clinical Considerations. *L. L. Anderson et al* 191
An Introduction to Radiobiology. *A. H. W. Nias* 191
Cranial Meningiomas—Diagnosis Biology and Therapy. *G. B. Bradac, R. Ferszt and B. E. Kendall* (Eds) 191
Angiocardiography in Congenital Heart Malformations. *B. Soto and A. D. Pacifico* 191
Bone Marrow Transplantation in Children. *F. Leonard Johnson and C. Pochedly* 192

BIR Bulletin *facing page* 192

© 1992 The British Institute of Radiology. This publication is copyright under the Berne Convention and the Universal Copyright Convention. All rights reserved, apart from any relaxations permitted under national copyright laws, no part of this publication may be reproduced, stored in a retrieval system or transmitted in any form or by any means without the prior permission of the copyright owners. Permission is not, however, required to copy abstracts of papers or of articles on condition that a full reference to the source is shown. Multiple copying of the contents of the publication without permission is always illegal. Published by The British Institute of Radiology, 36 Portland Place, London W1N 4AT. Origination by BPCC Whitefriars Ltd, Tunbridge Wells, and printed and bound in Great Britain by BPCC Wheatons Ltd, Exeter.
ISSN 0007 1285