

POSTER
SESSIONS



IPR 2021

THE INTERNATIONAL PEDIATRIC

RADIOLOGY

8TH CONJOINT CONGRESS & EXHIBITION

Rome, October 11 –15, 2021

& Pre-course Colloquia October 10-11, 2021

Building on the Classics: History, Innovation and Inspiration

IPR Presidents: Andrea Rossi - J Damien Grattan-Smith





EDUCATIONAL POSTER

Poster: EDU-001

BRITISH SOCIETY OF PAEDIATRIC RADIOLOGY ANNUAL MEETING (2020): THE TRANSITION FROM A VENUE-BASED TO A VIRTUAL CONFERENCE AND LESSONS LEARNED FOR THE FUTURE

Nageena Suleman, Mark Bishay, Emily Evans, Ulya Malik, Fatemeh Hadian, William Hedges, Sana Ali, Hiten Patel, Manigandan Thyagarajan, Adam Oates, Samantha Low
Birmingham Children's Hospital, Birmingham, UNITED KINGDOM

Poster: EDU-002

"HOW TO REVIEW THE PAEDIATRIC RADIOLOGY ARTIFICIAL INTELLIGENCE EVIDENCE USING THE PICO/DATO METHOD"

Brendan Kelly ¹, Gabrielle Colleran ², Sibohan Hoare ², Aonghus Lawlor ³, Ronan Killeen ¹

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Poster: EDU-003

ADVANCED CARDIOVASCULAR COMPUTED TOMOGRAPHY (CT) IMAGING IN CHILDREN WITH CONGENITAL VARIANTS AND ANOMALIES OF THE AORTIC ARCH: FROM VOLUME RENDERING (VR) TO 3D MODELS AND 3D PRINTING

Flavio Zuccarino ¹, María Clara Escobar-Diaz ², Alex Perez ², Maria Navallas ³, Ignaci Barber ⁴, Bosco Alejandro Moscoso ⁵, Congiu Stefano ⁵, Jose Maria Caffarena ⁵, Salvatore Marsico ⁶, Fredy Prada ², Juan Manuel Carretero ², Joan Sanchez De Toledo ², Javier Mayol ⁵, Ferran Pifarre ⁴, Irene Gomez ⁴, Laura Acosta ⁷, Arnau Valls ⁸, Enriquer Ladera ⁴, Josep Munuera ⁴

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Poster: EDU-004

CONGENITAL ABSENCE OF THE PERICARDIUM

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Poster: EDU-005

UNTWISTING ARTERIAL TORTUOSITY SYNDROME

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Poster: EDU-006

SEGMENTAL ANALYSIS OF COMPLEX CONGENITAL HEART DISEASE: AN ODE TO CARDIAC IMAGING

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Poster: EDU-007

MOCK ENDOVASCULAR STENTING AND COMPUTED TOMOGRAPHY OF A DISTENSIBLE 3D MODEL FOR COMPLEX CONGENITAL HEART DISEASE

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Poster: EDU-008

3D PRINTED CARDIAC MAGNETIC RESONANCE IMAGING TRAINING PHANTOM WITH RESPIRATORY SIMULATION

Kenneth Cheung ¹, Carol Wing-Ki Ng ², Mei-Yu Poon ², Wai-Siu Kwok ³, Ka-Ho Leung ³, Chui-Kin Lau ³, Francis Lee ³, Madeleine Lam ³, Tiffany Chung ³, Nam-Hung Chia ³, Eric So ³, George Ng ³, Elaine Kan ²

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Poster: EDU-009

DYNAMIC 4D AIRWAY CT: ACCOUNTING FOR VARIATIONS IN VENTILATION, POSITION, AND OTHER FACTORS IN INTERPRETATION AND OPTIMIZATION OF DIAGNOSTIC UTILITY

Elizabeth Tang, Erin Romberg, Sarah Menashe, Francisco Perez, Jeffrey Otjen
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Poster: EDU-010

RADIOLOGIC FINDINGS IN THE VITAMIN K DEFICIENT INFANT

Emily Haas ¹, Asha Sarma ¹, Rekha Krishnasarma ¹, Alexandra Borst ², Elizabeth Snyder ¹

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Poster: EDU-011

CONGENITAL PERIPHERAL PULMONARY ARTERY ANOMALIES, SYNDROME ASSOCIATIONS - CT AND MR IMAGING

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Poster: EDU-012

PEDIATRIC THORACIC MASSES: A PICTORIAL REVIEW

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Poster: EDU-013

HIGH-RESOLUTION COMPUTED TOMOGRAPHY IN CHILDHOOD INTERSTITIAL LUNG DISEASE: A HISTOLOGY-BASED APPROACH

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Poster: EDU-014

SARS-COV-2 INFECTION IN CHILDREN: REVIEW OF IMAGING FINDINGS

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Poster: EDU-015

LOW DOSE DYNAMIC CHEST CT FOR DETERMINATION OF OPTIMAL VENTILATION PEEP VALUES

Harutyun Haroyan, Darragh Brady, Jane Kim, Narendra Shet
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Poster: EDU-018

NON-NEOPLASTIC MEDIASTINAL MASSES IN PEDIATRICS

Hiral Banker, Preet Sandhu

Le Bonheur Children's Hospital, University of Tennessee, Memphis, USA

Poster: EDU-020

UNVEIL THE THYMUS SAIL

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Poster: EDU-021

IMAGING OF MALIGNANT PEDIATRIC CHEST MASSES

Kumar Shashi, Stephan Voss

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Poster: EDU-022

CHALLENGES WITH PEDIATRIC CENTRAL VENOUS CATHETER STUDIES: 10-YEAR EXPERIENCE AT A LARGE TERTIARY PEDIATRIC HOSPITAL

Kumar Shashi, Michael Callahan, Andy Tsai

Boston Childrens Hospital - Department of Radiology, Boston, USA



Poster: EDU-023

DEVELOPMENT AND IMPLEMENTATION OF A TRANSPARENT ORIGAMI FACE MASK FOR PATIENT AND FAMILY CENTERED CARE

MARIA Velez-Florez, ELIZABETH Silvestro, BRITTANY Bennett, ETHAN Larsen, ERIN Pohl, RAYMOND Sze

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Poster: EDU-024

PANCREATIC AND THYROID INTRAGLANDULAR FATTY TISSUE: PAY ATTENTION TO AVOID THE SONOGRAPHIC DIAGNOSTIC TRAP!

Marina Vakaki ¹, Rodanthi Sfakiotaki ¹, Anna Chountala ¹, Despina Pitsoulaki ¹, Eleni Koutrouveli ¹, Irene Vraka ¹, George Daniel ², Ekaterini Haritou ¹, Chrysoula Koumanidou ¹

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Poster: EDU-025

A PICTORIAL REVIEW OF INJURIES CONSIDERED TO HAVE A HIGH SPECIFICITY FOR ABUSIVE INJURY IN CHILDREN

Nageena Suleman, Samantha Low, Adam Oates

Birmingham Children's Hospital, Birmingham, UNITED KINGDOM

Poster: EDU-026

ADDITIVE MANUFACTURING (3D PRINTING) IN THE TIME OF A PANDEMIC: LESSONS, SUGGESTIONS, AND WHAT'S NEXT

Elizabeth Silvestro ¹, Maria Velez-Florez ¹, Ethan Larsen ¹, Micheal Francavilla ^{1,2}, Raymond Sze ^{1,2}

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Poster: EDU-027

CREATING A CASE-BASED ELECTRONIC TEACHING MODULE ON BASIC ABDOMINAL IMAGING

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Poster: EDU-028

FETAL HEAD AND NECK PATHOLOGY ON 3-T MRI

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Poster: EDU-029

AN UNUSUAL PRESENTATION OF PAEDIATRIC MYOFIBROMA (MYOPERICYTOMA): A CASE REPORT

Tobi Aderotimi, Kate Taylor-Robinson, Alexandra Williams

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Poster: EDU-030

TYPICAL AND ATYPICAL FINDINGS OF DUPLEX KIDNEYS ON FETAL MRI

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Poster: EDU-031

AQUEDUCTAL STENOSIS: PRENATAL DIAGNOSIS AND POSTNATAL OUTCOME

Meghan McClure, Edward Yang, Judy Estroff

Boston Children's Hospital, Boston, USA

Poster: EDU-032

NEW LESSONS FROM MR IMAGING OF PLACENTA ACCRETA SPECTRUM: PRACTICAL INSIGHTS AND FUTURE PERSPECTIVES

Irina Mashchenko, Polina Kozlova, Elena Semenova, Ekaterina Shelepova, Olga Li, Gennadiy Trufanov

Almazov National Medical Research Centre, Saint Petersburg, RUSSIAN FEDERATION

Poster: EDU-033

TRANSLATION OF STANDARD CARDIOVASCULAR IMAGING TECHNIQUES TO THE FETAL HEART

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Poster: EDU-034

FETAL CARDIAC MRI - PHYSICS AND TECHNOLOGY OF IMAGE ACQUISITION

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Poster: EDU-035

THE PERINATAL DIAGNOSIS OF THE BECKWITH_ WIEDEMANN AND OTHER OVERGROWTH SYNDROMES: WHEN AND HOW TO DETECT

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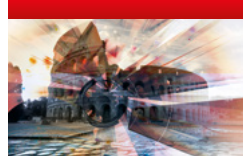
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Poster: EDU-036

A LIGHT AT THE END OF THE TUNNEL- AN ILLUMINATION OF THE PEDIATRIC INGUINAL CANAL

Ellen Christine Wallace, Jean-Marc Gauguet, Farhana R. Riaz, Julia Rissmiller, Ahmed M. Sobeih

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Poster: EDU-037

MAKING CONNECTIONS WITH TRACHEOESOPHAGEAL FISTULAS: SPECTRUM OF PRESENTATIONS AND TREATMENT COMPLICATIONS

Gregory Vorona, Landon Funciello, Jason Sulkowski, Madhura Chitnavis, Kathryn Jones, Jacqueline Urbine

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Poster: EDU-038

PICTORIAL REVIEW OF THE INGUINO-SCROTAL REGION IN CHILDREN: NORMAL ANATOMY AND PATHOLOGY

Harvey Teo

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Poster: EDU-039

IMAGING THE UMBILICUS AND ITS DISORDERS

Harvey Teo

KK Hospital, Singapore, SINGAPORE

Poster: EDU-040

WALKING THE FLANK: BULGING FLANKS-HELPFUL SIGNS ON ABDOMINAL RADIOGRAPHS IN THE DIAGNOSIS OF INTRABDOMINAL MASSES

Diana Lopez-Garcia, Jayne Seekins, Helen Nadel, Jesse Sandberg

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Poster: EDU-041

ROTATING 3D LIKE FLUROSCOPIC TECHNIQUE USING AN OCTOSTOP AND A FIXED FLUROSCOPY SYSTEM

Mikhael Sebaaly, Takashi Shawn Sato, Robert Becker

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Poster: EDU-043

ADOLESCENT WITH MEDIAN ARCUATE LIGAMENT AND NUTCRACKER SYNDROMES

Monique Riemann, Christine Markham, Smita Bailey

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Poster: EDU-049

MOVING BEYOND NONSPECIFIC BOWEL WALL THICKENING ON ULTRASOUND WITH PATHOLOGIC CORRELATION

Ione Limantoro, Anna Lee, Daniel Rosenbaum

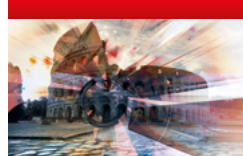
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Poster: EDU-050

RECTOVESICULAR FISTULA: AN ODD PRESENTATION

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Poster: EDU-052

PAEDIATRIC VIDEOFUOROSCOPIC SWALLOW STUDY (VFSS): A STEP-BY-STEP APPROACH

Ana Forjaco, Ana Rega, Pedro Alves

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Poster: EDU-053

POINT SHEAR WAVE ELASTOGRAPHY: ECOGRAPHIC TECHNIQUE AND PAEDIATRIC APPLICATIONS

Ana Forjaco

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Poster: EDU-056

ACUTE ABDOMEN IN NEONATES: IMAGING SPECTRUM AND CLASSIC FEATURES

Ankita Chauhan, Anand Raju, Thomas Boulden, Preet Sandhu, Harris L. Cohen

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Poster: EDU-057

ASSESSMENT OF ESOPHAGUS AND GASTROESOPHAGEAL JUNCTION IN THE PEDIATRIC AGE GROUP

Ankita Chauhan, Anand Raju, Thomas Boulden, Preet Sandhu, Harris L. Cohen

University of Tennessee Health Science Center/Le Bonheur Children's Hospital, Memphis, USA

Poster: EDU-058

IMAGING SPECTRUM OF INGESTED FOREIGN BODY IN THE PEDIATRIC AGE GROUP: WHAT THE RADIOLOGISTS NEED TO KNOW

Ankita Chauhan, Anand Raju, Thomas Boulden, Preet Sandhu, Harris L. Cohen

University of Tennessee Health Science Center/Le Bonheur Children's Hospital, Memphis, USA

Poster: EDU-059

GASTRIC TRANSPOSITION FOR PAEDIATRIC OESOPHAGEAL REPLACEMENT SURGERY – A RADIOLOGICAL REVIEW

Anne Carroll, Joe Curry, Kieran Mchugh

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Poster: EDU-060

THE SPLEEN IN THE CHILD

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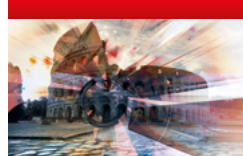
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Poster: EDU-062

IMAGING OF INGESTED FOREIGN BODIES AND THEIR COMPLICATIONS

Hiral Banker, Preet Sandhu

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Poster: EDU-063

CONGENITAL PORTOSYSTEMIC SHUNTS

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Poster: EDU-064

A PICTORIAL REVIEW OF MALROTATION MIMICS IN PAEDIATRICS

Srividya Arya, Saira Haque

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Poster: EDU-065

TRAUMATIC HANDLEBAR INJURIES IN CHILDREN

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Poster: EDU-066

ULTRASOUND IN DIAGNOSIS AND MONITORING OF PYELONEPHRITIS, AS THE ONLY IMAGING MODALITY IN CHILDREN

Irene Vraka ¹, Marina Vakaki ¹, Rodanthe Sfakiotaki ¹, Eleni Koutrouveli ¹, Ekaterini Haritou ¹, Anna Chountala ¹, Georgios Daniil ², Chrysoula Koumanidou ¹

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Poster: EDU-067

MULTISYSTEM IMAGING FINDINGS OF HAEMOLYTIC URAEMIC SYNDROME IN CHILDREN: A PICTORIAL REVIEW

Caoilfhionn Ní Leidhin ¹, Caoimhe Costigan ², Dermot Wildes ², Ailbhe Mcdermott ¹, Kathleen Gorman, Atif Awan ², Stephanie Ryan ¹, Eilis Twomey ¹

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Poster: EDU-068

ECHOGENIC KIDNEYS IN NEONATES AND INFANTS: A PICTORIAL REVIEW

Ailbhe Mcdermott, Eoghan E. Laffan, Angela T. Byrne

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Poster: EDU-069

THE USE OF MULTI-MODALITY IMAGING IN THE DIAGNOSIS OF CONGENITAL URACHAL ANOMALIES

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Poster: EDU-070

WILMS OR NOT WILMS? A PICTORIAL REVIEW OF PEDIATRIC RENAL MASSES

Rohan Biswas, Ami Gokli

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Poster: EDU-071

IMAGING INGUINO-SCROTAL ANOMALIES IN NEONATES (AND INFANTS) IN THE LIGHT OF THE EMBRYOLOGICAL DEVELOPMENT

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Poster: EDU-072

WAGR IS WACK!

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Poster: EDU-073

A PICTORIAL REVIEW OF INTERVENTIONAL RADIOLOGY PROCEDURES IN PAEDIATRIC HEPATOBILIARY DISEASES

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Poster: EDU-074

ABNORMALITIES OF THE LYMPHATIC SYSTEM IN CHILDREN: IMAGE-GUIDED INTERVENTIONS

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Poster: EDU-075

A PICTORIAL REVIEW OF PROCEDURES IN PAEDIATRIC INTERVENTIONAL URO RADIOLOGY

Ellen Collingwood, Nasim Tahir

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Poster: EDU-076

A RADIOLOGIST'S GUIDE TO LYMPHATIC ANOMALIES IN PEDIATRIC PATIENTS

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Poster: EDU-077

IMAGING REVIEW AND DISEASE FOLLOW UP OF CHRONIC NONBACTERIAL OSTEOMYELITIS WITH WHOLE BODY MRI

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Poster: EDU-078

INFLAMMATORY CONDITIONS OF THE PEDIATRIC HAND AND NON-INFLAMMATORY MIMICS

Leanne Royle, Thomas Mendes Da Costa, Daniel Rosenbaum
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Poster: EDU-079

SPECTRUM OF NORMAL FINDINGS, ANATOMIC VARIANTS AND PATHOLOGIC FINDINGS OF THE PAEDIATRIC STERNUM: A PICTORIAL REVIEW

Andreas Panayioutou, Marcela De La Hoz Polo, Saira Haque
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Poster: EDU-080

PRACTICAL APPROACH TO MRI OF THE TEMPOROMANDIBULAR JOINT IN JUVENILE IDIOPATHIC ARTHRITIS

Maria Navallas ¹, Emilio J Inarejos ², David Coca ¹, Mary-Louise Greer ³, Oscar M Navarro ³
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Poster: EDU-082

NON-ACCIDENTAL TRAUMA AND ITS MIMICKERS: A PICTORIAL EDUCATIONAL REVIEW

Hannah Myers, Ami Gokli
Staten Island University Hospital, Staten Island, USA

Poster: EDU-083

A PICTORIAL REVIEW OF RADIOLOGICAL FINDINGS IN SUSPECTED PHYSICAL ABUSE IN CHILDREN

Laura Marsland ¹, Sreena Das ², Saira Haque ¹
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Poster: EDU-084

IMAGING DURING THERAPY IN LATE PRESENTATION OF DEVELOPMENTAL DYSPLASIA OF THE HIP (DDH)

Cristina Hernández, Ignasi Barber
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Poster: EDU-085

CREATION OF A NOVEL PEDIATRIC SPORTS MEDICINE IMAGING MODULE

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Poster: EDU-086

CONGENITAL TALIPES EQUINOVARUS: INITIAL AND LONG-TERM RADIOLOGICAL ASSESSMEN

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Poster: EDU-087

CINEMATIC RENDERING IN PAEDIATRIC MUSCULOSKELETAL IMAGING

Aisling Fagan¹, Owen Arthurs¹, Neil Sebire², Susan Shelmerdine¹

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Poster: EDU-088

ULTRASOUND OF PEDIATRIC LUMPS AND BUMPS

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Poster: EDU-089

MR IMAGING OF NON-TRAUMATIC NON-NEOPLASTIC PATHOLOGIES OF THE PEDIATRIC KNEE JOINT – A PICTORIAL REVIEW

Mudit Arora, Narendra Shet, Ramon Sanchez

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Poster: EDU-090

ARTERIAL SPIN LABELLING (ASL) MRI IN PEDIATRIC HEAD AND NECK LESIONS WITH PATHOLOGICAL CORRELATION WHEN AVAILABLE

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Poster: EDU-091

ON-CALL PRIMER FOR RESIDENTS: PEDIATRIC NEURORADIOLOGY

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Poster: EDU-092

A MULTIMODALITY REVIEW OF NONTRAUMATIC PEDIATRIC INTRACEREBRAL HEMORRHAGE

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Poster: EDU-093

IMAGING THE “PECULIAR” HEAD SHAPE

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Poster: EDU-094

DEVELOPMENT AND MYELINATION OF THE FETAL AND POSTNATAL BRAIN, AN INTERACTIVE PICTORIAL REVIEW OF COMBINED MRI, ANATOMICAL AND HISTOPATHOLOGICAL ANALYSIS

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Poster: EDU-095

LOOKING INTO THE HARLEQUIN EYES: A PICTORIAL REVIEW OF CRANIOSYNOSTOSIS AND ITS MANAGEMENT

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Poster: EDU-096

CEREBROSPINAL FLUID SHUNT COMPLICATIONS IN CHILDREN: A PICTORIAL REVIEW

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Poster: EDU-097

IMAGING OF OCULAR AND OPTIC NERVE TRAUMA IN CHILDREN

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Poster: EDU-098

NEUROIMAGING OF NEONATAL STROKE: CLASSIFICATION AND IMAGING FINDINGS

Jacopo Scaggiante, Milad Yazdani, Manuel Trevino, Maria Gisele Matheus,

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Poster: EDU-099

EYES ON ORBIT: A RADIOLOGICAL REVIEW OF THE MAIN PEDIATRIC ORBITAL LESIONS

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Poster: EDU-100

PAEDIATRIC CEREBRAL CAVERNOUS MALFORMATIONS

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Poster: EDU-101

IMPORTANCE OF FLEXION AND EXTENSION MRI IN HIRAYAMA DISEASE

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Poster: EDU-102

IMAGING OF PATHOLOGIES OF VISUAL PATHWAY

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Poster: EDU-103

PEDIATRIC CLINICAL MAGNETIC RESONANCE ELASTOGRAPHY OF THE BRAIN: A PRIMER FOR RADIOLOGISTS

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Poster: EDU-104

DEEP GRAY MATTER PATHOLOGIES: A PATTERN-BASED APPROACH. WHAT THE PEDIATRIC RADIOLOGIST NEEDS TO KNOW

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Poster: EDU-107

NEUROIMAGING OF HMGCOA LYASE DEFICIENCY: CASE SERIES AND REVIEW OF LITERATURE

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Poster: EDU-108

A RADIOLOGIC PATHOLOGIC PICTORIAL REVIEW OF MEDULLOBLASTOMA SUBGROUPS BASED ON THE REVISED 2016 WHO CLASSIFICATION – AN IRISH PERSPECTIVE

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Poster: EDU-109

TO LEAVE OR NOT TO LEAVE ALONE – IMAGING APPROACH TO PETROUS APEX LESIONS IN CHILDREN

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Poster: EDU-110

NEUROIMAGING FINDINGS IN MAPLE SYRUP URINE DISEASE-EXPERIENCE IN A TERTIARY REFERRAL CENTRE

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Poster: EDU-111

PEDIATRIC NON-TRAUMATIC INTRACRANIAL HEMORRHAGE: WHAT RADIOLOGIST NEED TO LOOK FOR?

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Poster: EDU-112

ORBITAL LESIONS IN PEDIATRICS- A RADIOLOGIST'S PRIMER

Hiral Banker, Preet Sandhu

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Poster: EDU-113

ANOMALIES OF THE CORPUS CALLOSUM: AN MR ANALYSIS OF THE SPECTRUM OF ASSOCIATED MALFORMATIONS

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Poster: EDU-114

NEONATAL THYROID IMAGING DOESN'T HAVE TO BE A PAIN IN THE NECK!

Aisling Fagan, Simon Clifford, Fern Whittam, David Garbera, Sai Elegiti, Marina Easty, Lorenzo Biassoni

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Poster: EDU-115

HYBRID ONCOLOGIC IMAGING IN PAEDIATRIC RADIOLOGY: ADVANTAGES OF I123 MIBG SPECT/CT IN NEUROBLASTOMA

Simon Clifford, Saigeet Eleti, Aisling Fagan, Thomas Davies, Fern Whittam, David Garbera, Marina Easty, Lorenzo Biassoni

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Poster: EDU-116

BENIGN VERSUS MALIGNANT? UNUSUAL VASCULAR MASSES IN CHILDREN

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Poster: EDU-117

IMAGING OF PAEDIATRIC VENO-OCCLUSIVE DISEASE

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SCIENTIFIC POSTER

Poster: SCI-001

PEDIATRIC BODY COMPOSITION: REFERENCE VALUES FOR L3 MUSCLE AND FAT AREAS USING AUTOMATIC SEGMENTATION

Atia Samim¹, Suzanne Spijkers¹, Pim Moeskops^{1,3}, Annemieke S. Littooi^{1,2}, Bob D. De Vos^{3,4}, Wouter B. Veldhuis^{1,3}, Pim A. De Jong¹, Hanneke M. Van Santen^{1,2}, Rutger A. J. Nieuvelstein^{1,2}

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Poster: SCI-002

WRONG EXAM, WRONG PATIENT: REPORTING AND TRACKING OF ERRORS AND NEAR MISSES IN GENERAL PEDIATRIC RADIOLOGY

Lynne Ruess, Rebecca Shaffer, Lauren Mack, Julee Eing, Tamara Viggiano, Rajesh Krishnamurthy
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Poster: SCI-003

IMPLEMENTING ACADEMIC PRODUCTIVITY OF RESEARCH USING MACHINE LEARNING IN A SYSTEM DYNAMICS MODEL

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Poster: SCI-004

SYNTHESIZING CONTRAST ENHANCEMENT FROM NON-CONTRAST CHEST COMPUTED TOMOGRAPHY USING A GENERATIVE ADVERSARIAL NETWORK

Yeon Jin Cho, Jae Won Choi, Seul Bi Lee, Seunghyun Lee, Young Hun Choi, Jung-Eun Cheon, Woo Sun Kim
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Poster: SCI-005

EVALUATION OF USEFULNESS OF REAL-TIME, DEEP LEARNING BASED DENOISING TECHNIQUE INTEGRATED INTO PACS : IMAGE QUALITY AND USER PREFERENCE

Yeon Jin Cho, Dae Hee Kim, Seul Bi Lee, Seunghyun Lee, Younghun Choi, Jung-Eun Cheon, Woo Sun Kim, Jong-Hyo Kim
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Poster: SCI-006

IMAGE GENTLY FAMILY FRIENDLY CAMPAIGN: REDUCING CHILDHOOD RADIATION EXPOSURE THROUGH AN INNOVATIVE EDUCATION MODULE

Samuel Brady ¹, Alex J. Towbin ¹, Donald Frush ², Ami Gokli ³, Kristen Hood-Watson ⁴, Dina Kurzweil ⁵, Grace Mitchell ³, Moelle Molter ⁵, Dana R. Nguyen ⁵, Emilee Palmer ⁶, Christopher W. Bunt ⁴

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Poster: SCI-007

DEVELOPMENT OF AN IMAGING BASED INTEGRATED SIMULATOR PROGRAM (ISP) TO PROVIDE A MEANS FOR ON-GOING PEDIATRIC RESIDENT COMPETENCY ASSESSMENT AND DETERMINATION OF ABILITY TO PROVIDE INDEPENDENT CALL

Denise A Castro ¹, Joseph Yang ², Tin Li ¹, Saleha Munawar ¹, Amy Acker ¹, Don Soboleski ¹

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² Memorial University, St. John's, CANADA

Poster: SCI-010

ANALYSIS OF RADIOLOGY QIS INFRASTRUCTURE RESPONSE TO THE COVID PANDEMIC: LESSONS FOR THE FUTURE

Ellen Chung, Lynne Ruess, Margarita Chmil, Tamara Viggiano, Rajesh Krishnamurthy
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Poster: SCI-011

TRAINING A PEDIATRIC RADIOLOGIST MUST LOOK BEYOND CONVENTIONAL METRICS TO FOCUS ON DEVELOPMENT OF HEALTHY PROFESSIONAL IDENTITY

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³ University of Pennsylvania, Philadelphia, USA

Poster: SCI-012

SOCIETY FOR PEDIATRIC RADIOLOGY FELLOWSHIP SURVEY - A FOCUS ON WHAT'S BEHIND OUR CAREER CHOICE

Syed Hussaini, Maria Velez-Florez, Janet Reid
Children's Hospital of Philadelphia, Philadelphia, USA

Poster: SCI-013

PATIENT FEEDBACK IN PEDIATRIC RADIOLOGY - A PERFORMANCE ANALYSIS

Michael Georg Grasser, Erich Sorantin, Jana Lacekova, Ariane Hemmelmayr
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Poster: SCI-014

TWO-DIMENSIONAL (2D) SHAPE-FEATURES CAN QUANTIFY THE SEVERITY OF LIVER DISEASE IN CHILDREN WITH AUTOSOMAL RECESSIVE POLYCYSTIC KIDNEY DISEASE (ARPKD) ASSOCIATED CONGENITAL HEPATIC FIBROSIS (CHF)

Adarsh Ghosh, Suraj Serai, Shyam Sunder B Venkatakrishna, Mohini Dutt, Erum Hartung
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Poster: SCI-015

PREDICTORS OF PEDIATRIC RADIOLOGY EXAM ORDER AND COMPLETION DURING THE COVID-19 PANDEMIC

Sebastian Gallo-Bernal, Fedel Machado-Ricas, Daniel Briggs, Oleg Pianykh, Michael S. Gee
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Poster: SCI-016

EVALUATION OF INTER-READER REPRODUCIBILITY FOR DETECTION AND LABELING OF PEDIATRIC RIB FRACTURES ON RADIOGRAPHS

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Andrew Zbojniewicz³, Jeffrey Otjen², Adam Alessio¹

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Poster: SCI-017

DO THE "EYES HAVE IT"? "SEEING" PEDIATRIC CT PERFORMANCE IMPROVEMENT OPPORTUNITIES THROUGH AN AUTOMATED QUALITY AND RADIATION DOSE TOOL

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³ *Duke University School of Medicine, Durham, USA*

Poster: SCI-018

TOWARDS IMPLEMENTATION OF UNSUPERVISED LESION DETECTION OF PEDIATRIC CANCER WITH WHOLE BODY MRI SCREENING BY INCORPORATION OF 3D CONTEXT

Sayali Joshi¹, Alex Chang¹, Abhishek Moturu¹, Vinith Suriyakumar¹, Nipaporn Tewattarat²,
Lisa States³, Suraj Serai³, Anna Goldenberg¹, Andrea Doria⁴

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Poster: SCI-019

RIB FRACTURE DETECTION IN PEDIATRIC RADIOGRAPHS VIA DEEP CONVOLUTIONAL NEURAL NETWORKS

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Jamie Frost³, Erin Romberg², Sarah Manashe², Jeffrey Otjen², Adam Alessio¹

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Poster: SCI-020

ESTABLISHING A WHOLE BODY MRI REPOSITORY FOR CHRONIC NON-BACTERIAL OSTEOMYELITIS (CNO)

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Poster: SCI-021

PERFORMANCE OF DEEP LEARNING MODEL USING ENSEMBLE METHOD FOR PEDIATRIC BONE AGE ASSESSMENT

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Poster: SCI-024

RIGHT CIRCUMFLEX AORTA AND AORTIC COARCTATION IN AN INFANT: A CASE REPORT

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Poster: SCI-025

KAWASAKI DISEASE AND PAEDIATRIC INFLAMMATORY MULTISYSTEM SYNDROME: TEMPORALLY ASSOCIATED WITH SARS-COV-2 (PIMS-TS) – RARE CAUSES OF PAEDIATRIC CORONARY ARTERY ANEURYSMS: TWO CASE REPORTS USING CTCA

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Poster: SCI-026

ROLE OF ULTRA HIGH PITCH FAST CT ANGIOGRAPHY IN IMAGING POST-OPERATIVE CONGENITAL HEART DISEASE

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Poster: SCI-028

CONTRAST PROTOCOL OPTIMISATION IN FONTAN CIRCULATION COMPUTED TOMOGRAPHY PULMONARY ANGIOGRAPHY.

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Poster: SCI-029

INFRACARDIAC TYPE TOTAL ANOMALOUS PULMONARY VENOUS RETURN: CASE REPORT OF THE RARE CONGENITAL CARDIAC ANOMALY

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Poster: SCI-030

DUAL-ENERGY CT EVALUATION OF PEDIATRIC THORACIC DISORDERS: CLINICAL APPLICATIONS WITH EMPHASIS ON UP-TO-DATE PRACTICAL TECHNIQUES AND ADDED DIAGNOSTIC VALUE

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Poster: SCI-031

INVESTIGATING CONGENITAL LUNG LESIONS IN INFANTS; AUDIT OF CT PROTOCOL AND DOSE

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Poster: SCI-032

HIGH-RESOLUTION CT FINDINGS IN CHILDREN WITH NON-SPECIFIC INTERSTITIAL PNEUMONIA

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Poster: SCI-033

CONGENITAL THORACIC ABNORMALITIES: INTERESTING CASES FROM A TERTIARY PAEDIATRIC CENTRE

Jonathan Bevan, Linda Stephens

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Poster: SCI-034

ASSESSMENT OF LUNG DENSITY IN PEDIATRIC PATIENTS USING ZERO ECHO-TIME AND ULTRASHORT ECHO-TIME SEQUENCES

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Poster: SCI-035

RADIOGRAPHIC SEQUEL OF A NEWBORN DIED BY COVID-19 INFECTION

Irene Vraka ¹, Rodanthe Sfakiotaki ¹, Christina Zouridaki ¹, Eleni Koutrouveli ¹,

Anna Chountala ¹, Marina Vakaki ¹, Georgios Daniil ², Ekaterini Haritou ¹,

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Poster: SCI-036

IMAGE QUALITY OF DSCT WITH HIGH-PITCH SPIRAL SCAN MODE (TURBO FLASH SPIRAL MODE) WITH OR WITHOUT GENERAL ANESTHESIA: CTA EVALUATION OF CONGENITAL THORACIC DISORDERS IN INFANTS AND YOUNG CHILDREN

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Poster: SCI-037

AN X-RAY SCORE TO DESCRIBE EVOLVING BRONCHOPULMONARY DYSPLASIA (BPD) IN PRETERM BABOONS

Julia Schönfeld ¹, Marius Möbius ^{1,2}, Steven Seidner ³, Donald Mccurnin ³, Cynthia Blanco ³, Shamimunisa Mustafa ³, Isabel Fürböter-Behnert ¹, Leonhard Menschner ¹, Bernard Thebauld ^{4,5,6}, Mario Rüdiger ^{1,2}, Gabriele Hahn ⁷

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Poster: SCI-038

TENSION GASTROTHORAX MASQUERADING AS TENSION PNEUMOTHORAX IN A CHILD

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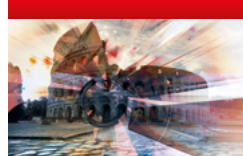
Poster: SCI-039

RALE RADIOGRAPHIC SCORING IN PEDIATRIC ACUTE RESPIRATORY DISEASE SYNDROME (PARDS)

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Poster: SCI-040

HRCT FINDINGS IN CHILDREN WITH CHRONIC SUPPURATIVE LUNG DISEASE (CSLD) AND P. AERUGINOSA COLONIZATION

Spyridon Prountzos ¹, Olympia Sardeli ², Dafni Moriki ², Angeliki Galani ¹,
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Poster: SCI-041

GRAVES' DISEASE AND THYMIC HYPERPLASIA IN PEDIATRIC PATIENTS

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Poster: SCI-042

FREQUENCY OF CHEST RADIOGRAPHIC FINDINGS IN PEDIATRIC COVID-19 POSITIVE PATIENTS

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Gustavo Nino ², Ryan Kahanowitch ², Hector Aguilar ², Xilei Xu Chen ², Jered Weinstock ²,
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Poster: SCI-043

LUNG DENSITY ASSESSMENT OF PULMONARY DISEASE IN CYSTIC FIBROSIS WITH COMPUTED TOMOGRAPHY SCANS

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Poster: SCI-044

TRAUMATIC PNEUMATOCELE IN NONACCIDENTAL TRAUMA

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Poster: SCI-045

ENDOTRACHEAL AND INTRAOSSEOUS VASCULAR LINE PLACEMENTS IN PEDIATRIC EMERGENCY CARE: A REVIEW BASED UPON POSTMORTEM COMPUTED TOMOGRAPHY

Patricia Harty, Emily Gripp, Matthew Dina, Sharon Gould, H. Theodore Harcke

Nemours Children's Health, Alfred. I. duPont Hospital for Children, Wilmington, USA



Poster: SCI-046

REVIEW OF INTER-CENTRE VARIATION BETWEEN UK PAEDIATRIC CYSTIC FIBROSIS CENTRES IN THEIR APPROACH TO ANNUAL ASSESSMENT A DONNELLY, A REID AND A PATERSON ROYAL BELFAST HOSPITAL FOR SICK CHILDREN BELF

Austin Donnelly, Annie Paterson, Alistair Reid
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Poster: SCI-047

UNUSUAL LESION OF THE MEDIASTINUM: LANGERHANS CELL HISTIOCYTOSIS

Zuhal Bayramoglu, Elif Hazal Karli, Ezgi Kara
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Poster: SCI-048

CALCIFYING FIBROUS PSEUDOTUMOR OF THE MEDIASTINUM: A RARE CASE REPORT

Zuhal Bayramoglu, Ezgi Kara, Elif Hazal Karli, Araz Gafarli
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Poster: SCI-049

ECTOPIC THYROID AND THYMUS TISSUE AT THE SUBMANDIBULAR REGION IN A PRE-SCHOOL MALE PATIENT

Zuhal Bayramoglu, Sinan Seyrek, Araz Gafarli, Ezgi Kara
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Poster: SCI-050

DISSEMINATED HYDATID CYST DISEASE

Zuhal Bayramoglu, Rana Gunoz Comert
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Poster: SCI-051

RESPONSE OF THE MEDIASTINAL INFLAMMATORY PSEUDOTUMOR TO THE MEDICAL TREATMENT

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Poster: SCI-052

RADIOLOGICAL FINDINGS OF PULMONARY CHRONIC GRANULOMATOUS DISEASE IN AN ADOLESCENT MALE PATIENT

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Poster: SCI-053

CLASSIFICATION OF PEDIATRIC CYSTIC AND CAVITATORY LESION IN LUNG USING COMPUTED TOMOGRAPHY AND ULTRASONOGRAPHY

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Poster: SCI-054

THE DIAGNOSTIC PERFORMANCE OF CHEST COMPUTED TOMOGRAPHY IN THE DETECTION OF RIB FRACTURES IN CHILDREN INVESTIGATED FOR SUSPECTED PHYSICAL ABUSE: A SYSTEMATIC REVIEW AND META-ANALYSIS

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Poster: SCI-055

CONTRAST-ENHANCED ULTRASOUND (CEUS) IN PEDIATRIC RADIOLOGY: WHERE WE ARE AND WHERE WE GO?

Luca Basso ¹, Fiammetta Sertorio ¹, Elena Arkhangelskaya ¹, Francesca Rizzo ¹, Elisabetta Vignale ¹, Francesco Pasetti ¹, Nicola Stagnaro ¹, Marta Pongiglione ¹, Maura Valle ¹, Francesca Magnaguagno ¹, Elena Aleo ¹, Valentina Prono ¹, Anna Marzoli ¹, Francesca Nardi ¹, Lorenzo Anfigeno ², Silvia Pamparino ², Martina Fiannacca ², Sara Perissi ², Marcello Carlucci ³, Stefano Avanzini ³, Michela Wong ³, Luca Pio ³, Girolamo Mattioli ³, Giorgio Piaggio ⁴, Marialudovica Degl'Innocenti ⁴, Gian Marco Ghiggeri ⁴, Emanuela Piccotti ⁵, Andrea Moscatelli ⁶, Maria Beatrice Damasio ¹

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Poster: SCI-056

WHEN LIFE DOES NOT GIVE YOU LEMONS...

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Poster: SCI-057

DETECTION OF SOFT TISSUE FOREIGN BODIES IN CHILDREN USING ULTRASONOGRAPHY

Alexander Sheeka, Richard Jenkins, Stacey Castle, Sufi Sadigh
Imperial College Healthcare, London, UNITED KINGDOM



Poster: SCI-058

THE PEDIATRIC OVERNIGHT CALL CONUNDRUM: OPTIMIZING EXPERTISE AND DECREASING BURNOUT

Michael Frazier, Christina Cinelli, Jennifer Talmadge
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Poster: SCI-059

PLUNGING RANULA IN CHILDREN: DIAGNOSIS BY CROSS-SECTIONAL IMAGING

Diksha Diksha, Pareekshith Bhat
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Poster: SCI-060

OPTIMIZING UTILIZATION OF ULTRASOUND, MRI, AND PLAIN FILM USE IN PEDIATRIC SICKLE CELL PATIENTS

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Poster: SCI-061

HANDS-ON ULTRASOUND TRAINING FOR RADIOLOGY RESIDENTS: THE IMPACT OF AN ULTRASOUND SCANNING CURRICULUM

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Poster: SCI-062

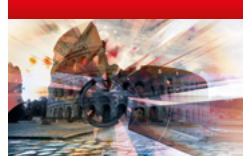
THE IMPACT OF INTEGRATING RADIOLOGY DIDACTICS IN CLERKSHIP CURRICULA

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Poster: SCI-063

PRESENTATION TO PUBLICATION REVISITED: TRENDS IN PUBLICATION RATE OF ORAL PRESENTATIONS FROM ESPR, SPR, AND IPR

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Poster: SCI-064

IMPACT OF COVID-19 PANDEMIC ON MRI OPERATIONS AND ACCESS: A DICOM-HEADER DATA ANALYTICS APPROACH

Samantha Harrington ¹, Camilo Jaimes ^{2,3}, Caroline Robson ^{2,3}, Sarah Bixby ^{2,3}, Fedel Machado-Rivas ^{2,3}, Simon Warfield ², Richard Robertson ^{2,3}, Benoit Scherrer ⁴

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Poster: SCI-065

FELLOW-DRIVEN VIRTUAL EDUCATION DURING A PANDEMIC: A PILOT PROJECT

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Poster: SCI-066

INTRODUCING AND INTEGRATING MINDFULNESS WITHIN THE RADIOLOGY RESIDENCY EDUCATION

Rita Sico, Amisha Shah, Erica Kar, Priya Paltel, Marion Hughes

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Poster: SCI-067

USELESS AND LIMITS OF POST MORTEM COMPUTER TOMOGRAPHY (PMCT) IN A CASE OF INFANT MURDER IN A PRETERM.

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Poster: SCI-068

UTILIZATION OF POSTMORTEM IMAGING IN NORTH AMERICA

Mary Harty, Sharon Gould, Lauren Ayers, H. Theodore Harcke

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Poster: SCI-069

THE PANDEMIC'S EFFECT ON RESIDENT PEDIATRIC RADIOLOGY EDUCATION AS MEASURED BY INDEPENDENT CALL PERFORMANCE

Lynn Della Grotta, George Koberlein

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Poster: SCI-070

CONGENITAL IMMATURE TERATOMA OF THE THYROID: A MULTIMODAL IMAGING APPROACH

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Poster: SCI-071

FETAL THROMBOSIS OF THE TORCULAR HEROPHILI

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Poster: SCI-072

PRENATAL IMAGING OF CONGENITAL EPULIS

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Poster: SCI-073

RETROSPECTIVE MOTION CORRECTION IN FETAL MRI: HOW TO IMAGE A MOVING TARGET

Fedel Machado Rivas, Clemente Velasco-Annis, Onur Afacan, Simon K. Warfield, Ali Gholipour, Camilo Jaimes

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Poster: SCI-074

CASE REPORT OF ZELLWEGER SYNDROME DIAGNOSED BY FETAL MRI

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Poster: SCI-075

FETAL MR IMAGING OF CRANIOPAGUS

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Poster: SCI-076

DURAL SINUS MALFORMATION: A CASE SERIES WITH A FOCUS ON FETAL IMAGING

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Poster: SCI-077

ASSESSMENT OF MEDIASTINAL SHIFT ANGLE IN CONGENITAL PULMONARY AIRWAY MALFORMATION: A NEW FETAL MRI INDICATOR OF CONGENITAL LUNG DISEASE

Jun Tsukamoto ¹, Osamu Miyazaki ¹, Yuki Saito ¹, Saho Irahara ¹, Reiko Okamoto ¹, Mikiko Miyasaka ¹, Yoshiyuki Tsutsumi ¹, Yushi Ito ², Haruhiko Sago ², Yutaka Kanamori ³, Yoshiko Hayashida ⁴, Takatoshi Aoki ⁴, Shunsuke Nosaka ¹

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Poster: SCI-078

INVESTIGATION OF MRI CRITERIA DETERMINING THE RISK OF MAJOR POSTPARTUM HEMORRHAGE IN PATIENTS WITH PLACENTA ACCRETA SPECTRUM AND PLACENTA PREVIA

Elena Semenova, Polina Kozlova, Irina Mashchenko, Elena Vyshedkevich, Gennadiy Trufanov

Almazov National Medical Research Centre, Saint-Peterburg, RUSSIAN FEDERATION

Poster: SCI-079

THREE FOETUSES WITH MOLAR TOOTH SIGN IN MRI

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Poster: SCI-080

THREE MRI CASES OF FOETUSES WITH SEVERE VENTRICULOMEGALY AND DIENCEPHALIC-MESENEPHALIC JUNCTION DYSPLASIA

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Poster: SCI-081

MRI CONTRIBUTION TO THE PRENATAL DIAGNOSIS OF THE MOST FREQUENT CONGENITAL VASCULAR ANOMALIES: LYMPHATIC MALFORMATIONS AND CONGENITAL HEMANGIOMAS

Laurence Crivelli ¹, Anne-Elodie Millischer ², Pascale Sonigo ², David Grévent ², Sylviane Hanquinet ³, Yvan Vial ¹, Leonor Alamo ¹

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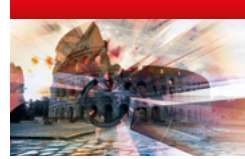
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Poster: SCI-082

3D PRINTED TRAINING SIMULATION FOR PEDIATRIC UPPER GI FLUOROSCOPY

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Poster: SCI-083

THE MECKEL'S DIVERTICULUM AND ITS COMPLICATIONS - PICTORIAL REVIEW OF IMAGING FINDINGS

Timothy Shao Ern Tan, Harvey Eu Leong Teo
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Poster: SCI-085

COLORECTAL DUPLICATION: A RARE CASE WITH RADIOLOGICAL AND SURGICAL CORRELATION

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Poster: SCI-086

IMAGING "TWISTS" IN VOLVULUS AROUND MECKEL'S DIVERTICULUM - A CASE SERIES INCLUDING US, CT AND MRI WITH DWI

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Poster: SCI-087

NEW SONOGRAPHIC SIGNS IN NEONATES WITH NECROTIZING ENTEROCOLITIS

Catalina Le Cacheux, Alan Daneman, Agostino Pierro, Christopher Tomlinson,
Ricardo Faingold
The Hospital For Sick Children, Toronto, CANADA

Poster: SCI-088

THE SPECTRUM OF IMAGING FINDINGS IN PIMS-TS (MIS-C) PRESENTING AS AN ACUTE ABDOMEN TO A TERTIARY PAEDIATRIC HOSPITAL

Harsimran Laidlow-Singh, Charlotte A. Roberts, Jonathan Colledge, Anoushka Ljutikov
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Poster: SCI-089

PAEDIATRIC SPLENIC LESIONS - A CASE SERIES FROM A BUSY LONDON HOSPITAL

Richard Jenkins, Stacey Castle, Alex Sheeka, Afshin Alavi
Imperial NHS, London, UNITED KINGDOM

Poster: SCI-090

PANCREATIC PSEUDOPAPILLARY TUMOR: A CASE REPORT

Madelinne Granados Macías, Angie Becerra Cervantes, Jesus Maldonado Rayas
Nucleo Diagnostico Avanzado, Tijuana, MEXICO

Poster: SCI-091

UNUSUAL CYSTIC LESIONS IN THE PEDIATRIC ABDOMEN AND PELVIS: HOW COMMON IS UNCOMMON

Aljoharah Aljabr, Gali Shapira, Nagwa Wilson
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Poster: SCI-092

THE ASSESSMENT OF MRE IN PAEDIATRIC PATIENTS WITH CLINICAL SYMPTOMS SUGGESTING CROHN'S DISEASE

Monika Zbroja ¹, Maryla Kuczynska ³, Weronika Cyranka ¹, Karolina Siejka ²,
Malgorzata Nowakowska ², Magdalena Grzegorzczak ², Monika Piekarska ²,
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Poster: SCI-093

A REVIEW OF THE SPECTRUM OF INCIDENTAL FOCAL LIVER LESIONS REFERRED TO A TERTIARY REFERRAL PAEDIATRIC HEPATOBILIARY UNIT

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Poster: SCI-094

DIAGNOSTIC EFFICIENCY OF ULTRASOUND FOR INTESTINAL MALROTATION IN INFANTS: EXPERIENCE FROM A TERTIARY CHILDREN'S HOSPITAL

Makhethe Vuma ¹, Luis Octavio Tierradentro-García ¹, Rebecca Dennis ¹, Asef Khwaja ¹,
Alireza Zandifar ¹, Kassa Darge ¹, Sudha Anupindi ¹, Thane A. Blinman ², Misun Hwang ¹

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Poster: SCI-095

DIAGNOSING MIDGUT VOLVULUS IN INFANTS

Luis Octavio Tierradentro-García ¹, Rebecca Dennis ¹, Asef Khwaja ¹, Makhethe Vuma ¹,
Alireza Zandifar ¹, Kassa Darge ¹, Sudha Anupindi ¹, Thane A. Blinman ², Misun Hwang ¹

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Poster: SCI-096

MAKING INTUSSUSCEPTION REDUCTIONS EASIER: USE OF MEDICAL AIR IN LIEU OF MANUAL PUMP IPR 2021

Elizabeth Snyder, Marta Hernanz-Schulman, Sumit Pruthi

Monroe Carell Jr. Children's Hospital at Vanderbilt, Nashville, USA

Poster: SCI-097

LIMITED RANGE CT FOR RADIATION REDUCTION IN CHILDREN WITH SUSPECTED APPENDICITIS

Vanessa Rameh ¹, Farah Abi Zeid ¹, Christel Tamer ², Hala Khasawneh ³, Lara Nassar ¹,
Lamy Ann Atweh ¹

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³ Mayo Clinic, Rochester, USA



Poster: SCI-098

UTILIZATION OF ABDOMINAL ULTRASOUND AND MOST COMMON SONOGRAPHIC FEATURES OF ACUTE PANCREATITIS IN PEDIATRIC PATIENTS

Rupesh Patel ¹, Maisam Abu-El-Haija ², Jaimie Nathan ³, Tom Lin ², David Vitale ², Alexander Nasr ⁴, Andrew Trout ¹

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Poster: SCI-099

IMAGING EVALUATION FOR G-TUBE COMPLICATIONS IN THE PEDIATRIC ED: FLUOROSCOPY VS TWO-VIEW RADIOGRAPHS

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Poster: SCI-100

WHERE'S THE APPENDIX? CONTRIBUTING FACTORS FOR VISUALISATION OF THE APPENDIX ON ULTRASOUND IN THE PAEDIATRIC POPULATION

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Poster: SCI-101

ATTENUATION COEFFICIENT MEASUREMENT USING HIGH FREQUENCY TRANSDUCER FOR SMALL CHILDREN

Hyun Ji Lim ¹, Haesung Yoon ¹, Mi-Jung Lee ¹, Kamiyama Naohisa ², Takuma Oguri ²

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Poster: SCI-102

THE SIGNIFICANCE OF INTRAMURAL AND INTRALUMINAL CALCIFICATION OF THE INTESTINE ON SONOGRAPHY IN NEONATES WITH CONGENITAL INTESTINAL OBSTRUCTION

Catalina Le Cacheux ¹, Alan Daneman ¹, Gina Nirulla ¹, Claudia Martínez-Rios ², Haiying Chen ¹

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Poster: SCI-103

ATTENUATION COEFFICIENT MEASUREMENT USING HIGH FREQUENCY TRANSDUCER FOR CHILDREN WITH FATTY LIVER

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Poster: SCI-104

TITLE: ESTABLISHMENT OF LOCAL DIAGNOSTIC REFERENCE LEVELS OF PEDIATRIC ABDOMINOPELVIC AND CHEST CT EXAMINATIONS BASED ON BODY WEIGHT AND SIZE IN SOUTH KOREA

Jae-Yeon Hwang ¹, Young Hun Choi ², Hee Mang Yoon ³, Young Jin Ryu ⁴, Hyun Joo Shin ⁵, Hyun Gi Kim ⁶, So Mi Lee ⁷, Sun Kyung You ⁸, Ji Eun Park ⁹

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Poster: SCI-105

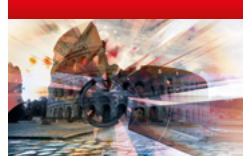
UTILITY OF COMPUTED TOMOGRAPHY FOR EVALUATION OF SMALL BOWEL ROTATION

Nathan Hull ¹, Jeffrey De St Joor ², Larry Binkovitz ¹, Amy Kolbe ¹, Paul Thacker ¹,

Kristen Thomas ¹, Shannon Zingula ¹, Matthew Thorpe ¹

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Poster: SCI-106

SENSITIVITY OF CONTRAST-ENHANCED ULTRASOUND VERSUS CT IN DETECTION OF SOLID ORGAN INJURIES FROM BLUNT ABDOMINAL TRAUMA IN YOUNG CHILDREN

M. Katherine Henry ¹, Joanne N. Wood ², Aaron E. Chen ², Kassa Darge ¹, Teniola Egbe ³, Mohamed Elsingerly ¹, Victor Ho-Fung ¹, Summer Kaplan ¹, Jenny Y. Kloss ⁴, Michael L. Nance ⁴, Philip V. Scribano ², Susan J. Back ¹

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Poster: SCI-107

ASSESSING THE VALUE OF A COMBINED MR ENTEROGRAPHY-PERIANAL MRI PROTOCOL IN THE EVALUATION OF SMALL BOWEL AND PERIANAL DISEASE IN PEDIATRIC CROHN'S DISEASE PATIENTS

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Massachusetts General Hospital, Boston, USA

Poster: SCI-108

UTILIZATION OF EOS IMAGING FOR EVALUATION OF BOWEL MANAGEMENT AND RADIATION DOSE REDUCTION

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Poster: SCI-109

DIAGNOSTIC PERFORMANCE OF ULTRASOUND HEPATORENAL INDEX AS A QUANTITATIVE MEASURE OF PEDIATRIC FATTY LIVER DISEASE AND COMPARISON TO FIVE HUMAN RADIOLOGISTS

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Poster: SCI-110

FREQUENCY OF DUODENAL ANATOMICAL VARIANTS IN NEONATAL AND PEDIATRIC UPPER GASTROINTESTINAL TRACT SERIES (UGI) AND THE INFLUENCE OF EXAM QUALITY ON DIAGNOSTIC REPORTING

Mohamed Elsingerly, Juan S. Calle Toro, Rebecca Dennis, Daphine Grassi, Hansel Otero, Savvas Andronikou

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Poster: SCI-111

FACTORS AFFECTING THE SUCCESS OF AIR ENEMA REDUCTION OF INTUSSUSCEPTION IN CHILDREN. WHAT STARTING PRESSURE?

Heba Elbaaly Elbaaly, Marie-Claude Miron, Ramy El Jalbout, Amélie Damphousse, Chantale Lapierre, Josée Dubois

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Poster: SCI-112

IS ORAL CONTRAST BENEFICIAL FOR VISUALIZATION OF THE APPENDIX IN LOW-WEIGHT CHILDREN?

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Poster: SCI-113

REFERENCE RANGES OF AGE-BASED LIVER, SPLEEN, PANCREAS AND KIDNEY SIZE IN CHILDREN IN CONJUNCTION WITH WAIST CIRCUMFERENCE

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Poster: SCI-114

ABDOMINAL IMAGING FINDINGS OF BASIDIOMYCOSES IN CHILDREN

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Poster: SCI-115

CONGENITAL VITELLINE BAND CAUSING INTESTINAL OBSTRUCTION IN A 15 YEAR OLD BOY - A DIAGNOSTIC CHALLENGE FOR HIGH-FREQUENCY SONOGRAPHY

Eleni Koutrouveli¹, Rodanthi Sfakiotaki¹, Irene Vraka¹, Marina Vakaki¹, Georgios Daniil², Anna Chountala¹, Chrysoula Koumanidou¹

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Poster: SCI-116

SPATIAL ENTROPY OF THE LIVER IN SICKLE CELL DISEASE PEDIATRIC PATIENTS: A HIGHER SPATIAL RESOLUTION SURROGATE TO T2*-BASED LIC MEASURES

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Poster: SCI-117

FOLLOW-UP ULTRASONOGRAPHIC FINDINGS AMONG CHILDREN WITH UNCOMPLICATED, ACUTE APPENDICITIS, MANAGED CONSERVATIVELY

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Poster: SCI-118

SONOGRAPHIC FINDINGS OF COMPLICATED AMYAND'S HERNIA IN A NEONATE. A SCROTAL ABSCESS WITH A RARE CAUSE THAT WE SHOULD BE AWARE OF

Rodanthi Sfakiotaki¹, Irene Vraka¹, Anna Chountala¹, Marina Vakaki¹, Eleni Koutrouveli¹, Georgios Daniil², Chrysoula Koumanidou¹

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Poster: SCI-119

CAN SONOGRAPHIC ABDOMINAL FINDINGS COMPLETE THE CRITERIA FOR THE DIAGNOSIS OF MIS-C? A NON-SPECIFIC IMAGE THAT DEVELOPS INTO A PATTERN

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Poster: SCI-120

NON-INVASIVE BIOMARKERS OF NAFLD IN ASYMPTOMATIC SCHOOL-AGED VOLUNTEERS

Maria Raissaki¹, Stavros Charalambous¹, Georgios Kalaitzakis¹, Marina Vafeiadi², Katerina Margetaki², Theano Roumeliotaki², Nikos Stratakis³, Leda Chatzi³, Thomas G. Maris¹

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Poster: SCI-121

REDUCING RADIOGRAPHS AFTER CROSS-SECTIONAL IMAGING IN PEDIATRIC TRAUMA TO REDUCE RADIATION EXPOSURE

Jonathan Phuong, Jena Fujimoto, Samuel Yap, Rebecca Stein-Wexler
University of California, Davis, Sacramento, USA

Poster: SCI-122

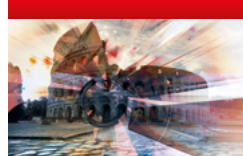
SHOULD POSTNATAL ULTRASOUND BE PERFORMED WHEN ISOLATED ECHOGENIC BOWEL HAS BEEN REPORTED ON THE ANTENATAL ULTRASOUND?

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Poster: SCI-123

AN OBSERVATION OF UPPER GI CONTRAST STUDIES IN 3 IRISH PAEDIATRIC HOSPITALS DURING THE COVID-19 PANDEMIC IN IRELAND

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Poster: SCI-125

DETERMINING ACUTE APPENDICITIS IN PEDIATRIC PATIENTS: COMPARING RISK PREDICTABILITY AMONG CLINICAL ASSESSMENT SCORES AND DIAGNOSTIC IMAGING

Donald Lee

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Poster: SCI-126

MAGNET INGESTION IN THE PAEDIATRIC POPULATION – OUR EXPERIENCE IN ALDER HEY CHILDREN'S HOSPITAL

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Poster: SCI-127

RECTOURETHRAL FISTULA IN ANORECTAL MALFORMATIONS: AN AUSTRALIAN PERSPECTIVE ON PREVALENCE AND DETECTION ON MEDICAL IMAGING

Timothy James Jeffery, Richard Warne

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Poster: SCI-128

DIAGNOSTIC ACCURACY OF INCREASED LIVER ECHOGENICITY AS A MARKER FOR STEATOSIS IN CHILDHOOD OBESITY

Eric Graham, Monique Riemann, Smita Bailey

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Poster: SCI-129

AUTOIMMUNE PANCREATITIS IN PEDIATRIC GROUP

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Poster: SCI-130

INTER-RADIOLOGIST VARIABILITY IN REPORTING SONOGRAPHIC MEASUREMENTS OF THE PEDIATRIC LIVER: A CONUNDRUM OF HEPATOMEGALY PROPORTIONS

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Poster: SCI-131

PRIMARY ADRENAL SCHWANNOMA

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Poster: SCI-132

UNUSUAL IMAGING PRESENTATION OF WOLMAN DISEASE

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Poster: SCI-133

IMAGING APPROACH TO SUSPECTED FOREIGN BODY INGESTION IN CHILDREN

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Poster: SCI-134

OVARIAN TORSIONS IN CHILDREN

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Poster: SCI-135

PELVIC PAIN IN FEMALE CHILDREN AND ADOLESCENTS: NOT JUST APPENDICITIS

Georgia Papaioannou, Evaggelia Manopoulou, Loukia Tzarouchi, Christina Meleti, Georgios Manganas, Panagiotis Tagalakis, Spyros Yarmentitis

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Poster: SCI-136

THE IMAGING APPEARANCE OF RARE-EARTH NEODYMIUM MAGNETS

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Poster: SCI-137

A CASE OF SERTOLI-LEYDIG CELL TUMOR WITH INTRA-ABDOMINAL RECURRENCE IN A PATIENT WITH A DICER1 GENE MUTATION

Sana Basseri, Denise A. Castro, Don Soboleski
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Poster: SCI-138

ROLE OF RI OF INTRA-RENAL ARTERIES IN CONGENITAL HYDRONEPHROSIS

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Indira Gandhi Institute of Child Health, Bangalore, INDIA

Poster: SCI-139

OVARIAN CYSTIC LESIONS IN FEMALE PEDIATRIC POPULATION: LOCAL TERTIARY CENTER EXPERIENCE

Azza Yosuph, Amna Kashgari, Amin Alzahrani
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Poster: SCI-140

THE MORE WE BECOME FAMILIAR WITH THE NUTCRACKER SYNDROME, THE MORE WE ADD SONOGRAPHIC DIAGNOSTIC CLUES

Marina Vakaki, Anna Chountala, Eleni Koutrouveli, Rodanthe Sfakiotaki, Irene Vraka, Despina Pitsoulaki, Ekaterini Haritou, Christina Zouridaki, Chrisoula Koumanidou
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Poster: SCI-141

CORRELATION OF ECHOGENICITY OF THE RENAL MEDULLA TO RENAL FUNCTION TESTS IN CHILDREN WITH SICKLE CELL DISEASE

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Poster: SCI-142

COMPARISON STUDY OF REAL-TIME CONTRAST-ENHANCED VOIDING ULTRASONOGRAPHY WITH DMSA RENAL SCAN IN CHILDREN

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Poster: SCI-143

NOVEL USE OF CONTRAST-ENHANCED MAGNETIC RESONANCE MICTURATING CYSTOURETHROGRAM IN DEPICTING ANO-URETHRAL FISTULA IN A PEDIATRIC PATIENT

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Poster: SCI-144

INTEROBSERVER AGREEMENT IN DIAGNOSTIC IMAGING IN EVALUATION OF CONGENITAL FEMALE GENITAL TRACT ANOMALIES USING ESHRE/ESGE CLASSIFICATION

Faizah Mohd Zaki Mohd Zaki ¹, Wooi Kee Chiam ¹, Nur Azurah Abdul Ghani ², Suraya Abd Aziz ¹, Erica Wong Yee Hing ¹, Marjmin Osman ³, Dayang Anita Aziz ³

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Poster: SCI-145

IMAGING FINDINGS IN 46 XY DISORDERS OF SEXUAL DEVELOPMENT

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Poster: SCI-146

VIABILITY OF CONTRAST ENHANCED VOIDING UROSONOGRAPHY AS AN ALTERNATIVE TO FLUOROSCOPY FOR URODYNAMICS

Nicole Kapral, Reza Daugherty

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Poster: SCI-147

DYNAMIC CONTRAST ENHANCED ULTRASOUND (DYN-CEUS) FOR ANALYZING OVARIAN MASSES IN CHILDREN AND ADOLESCENTS

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Poster: SCI-148

UTERINE ADENOMYOSIS IN AN ADOLESCENT GIRL

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Poster: SCI-149

LENGTH OF BOWEL REST DOES NOT PREDICT RISK FOR GASTROJEJUNOSTOMY RELATED INTUSSUSCEPTION RECURRENCE

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Poster: SCI-150

PRESURGICAL ENDOVASCULAR EMBOLIZATION OF GIANT PEDIATRIC MENINGIOMA: CASE REPORT

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Poster: SCI-151

LARGE PORTAL VENOUS PSEUDOANEURYSM IN A PEDIATRIC LIVER TRANSPLANT PATIENT WITH SUCCESSFUL CLOSURE USING A BALLOON EXPANDABLE COVERED STENT

Max American ¹, Jonathan Jo ², Jesse Courtier ², Matthew Zapala ², K. Pallav Kolli ²,
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Poster: SCI-152

IMAGING AND MANAGEMENT OF PAEDIATRIC ARTERIOVENOUS MALFORMATION – AN INTERVENTIONAL RADIOLOGICAL PERSPECTIVE

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Poster: SCI-153

PERCUTANEOUS CRYOABLATION FOR THE TREATMENT OF PRIMARY AND RECURRENT PEDIATRIC AND ADOLESCENT CHONDROBLASTOMA

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Poster: SCI-154

WHEN CROHN'S COMES TO RADIOLOGIST: VALUE OF MRE AND US IN CHILDREN

Monika Piekarska ¹, Maryla Kuczynska ¹, Małgorzata Nowakowska ¹, Karolina Siejka ¹,
Magdalena Grzegorzczak ¹, Monika Zbroja ¹, Weronika Cyranka ¹, Agnieszka Brodzisz ²,
Magdalena Maria Wozniak ²

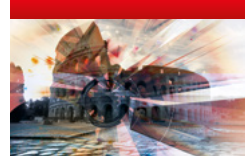
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Poster: SCI-155

PERCUTANEOUS, IMAGE-GUIDED TREATMENT OF ANEURYSMAL BONE CYSTS (ABCS): IS THERE A SUPERIOR TREATMENT OPTION?

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Poster: SCI-156

TISSUE SAMPLING IN CHILDREN – THE “PATH” LESS TRAVELLED

Marian Gaballah¹, Ganesh Krishnamurthy^{1,2}, Michael Acord^{1,2}, Fernando Escobar^{1,2},
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Poster: SCI-157

INTRA-ABDOMINAL LYMPHATIC MALFORMATION MANAGEMENT IN LIGHT OF THE UPDATED INTERNATIONAL SOCIETY FOR THE STUDY OF VASCULAR ANOMALIES

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Poster: SCI-158

COVID-19 and MIS-C, A Year in Review: Global Contributions of Interventional Radiology to the Care of Pediatric Patients

Tina Sankhla, Morgan Whitmore, Mohammed Loya, Jay Shah

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Poster: SCI-159

LOWER EXTREMITY DEEP VEIN THROMBOSIS CATHETER-DIRECTED THROMBOLYSIS IN PEDIATRIC PATIENTS: SINGLE-CENTER EXPERIENCE

Jonathon Weber, Nathan Fagan, Manish Patel

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Poster: SCI-160

FUSION OF INTRAPROCEDURAL CONE BEAM CT AND PRE-PROCEDURAL MRI IMAGES FOR THE EVALUATION OF COMPLETENESS OF KNEE JOINT VEIN MALFORMATION EMBOLIZATION

Elena Violari, John Cieslak, Victoria Young, Matthew Lungren, Avnesh Thakor,
Shellie Josephs

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Poster: SCI-161

ATTEMPTED PLUG EMBOLISATION OF A CONGENITAL PORTOSYSTEMIC SHUNT WITH SUBSEQUENT EMBOLISATION INTO THE PULMONARY ARTERY AND SUCCESSFUL ENDOVASCULAR SNARE RETRIEVAL

Nasim Tahir, Ellen Collingwood, Jai Patel

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Poster: SCI-162

ADDED VALUE OF CONTRAST ENHANCED ULTRASOUND (CEUS) IN THE DIAGNOSIS OF SPLENIC ARTERY PSEUDOANEURYSM

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Poster: SCI-163

THE CLINICAL USEFULNESS OF THE DYNAMIC-CONTRAST MR LYMPHANGIOGRAPHY: INITIAL EXPERIENCE FOR THE ASSESSMENT OF NON-TRAUMATIC LYMPHATIC ANOMALY

Lee Seunghyun, Hur Saebeom, Yeon Jin Cho, Young Hun Choi, Seul Bi Lee, Jung-Eun Cheon, Woo Sun Kim
Seoul National University Children's Hospital, Seoul, SOUTH KOREA

Poster: SCI-164

CONE-BEAM COMPUTED TOMOGRAPHY GUIDANCE FOR PEDIATRIC BONE BIOPSIES

Lavi Nissim, Scott Willard, Richard Towbin, David Aria
Phoenix Children's Hospital, Phoenix, USA MINOR OUTLYING ISLANDS

Poster: SCI-165

SINGLE-CENTER, RETROSPECTIVE STUDY OF OUTCOMES IN PEDIATRIC HEREDITARY HEMORRHAGIC TELANGIECTASIA PATIENTS FOLLOWING PULMONARY ARTERIOVENOUS MALFORMATION EMBOLIZATION

Viet Le¹, Nathan Fagan¹, Adrienne Hammill¹, Katie Wusik¹, Ross Ristagno², Manish Patel¹
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Poster: SCI-167

ASSESSMENT OF THE SUPERIOR MESENTERIC ARTERY ANGLE IN THE PEDIATRIC GROUP ON COMPUTED TOMOGRAPHY (CT) SCAN: VALUES IN DIFFERENT AGE GROUPS, GENDER AND (BODY MASS INDEX) BMI CATEGORIES

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Poster: SCI-168

PEDIATRIC PALEORADIOLOGY: WHAT IT IS AND WHY WE SHOULD GET INVOLVED

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Poster: SCI-169

A PICTORIAL REVIEW OF PAEDIATRIC SOFT TISSUE LESIONS

Alexander Sheeka, Richard Jenkins, Stacey Castle, May-Ai Seah, Joanna Danin
Imperial College Healthcare, London, UNITED KINGDOM

Poster: SCI-170

WHAT SKELETAL IMAGING MODALITY IS BEST FOR ASSESSING BONE HEALTH IN CHILDREN AND YOUNG ADULTS? SYSTEMATIC REVIEW AND META-ANALYSIS

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Poster: SCI-171

PEDIATRIC ANTERIOR CRUCIATE LIGAMENT: TEARS AND REPAIRS

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Poster: SCI-172

IMAGING OF THE LIMPING CHILD

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Poster: SCI-173

IT'S NOT ALWAYS A SUPRACONDYLAR FRACTURE!

Elaine O'Boyle, Annie Paterson

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Poster: SCI-174

STRUCTURED REPORTING OF SCOLIOSIS IN PEDIATRIC PATIENTS WITH IMAGING OF POST SURGICAL FIXATION HARDWARE AND COMPLICATIONS

Donald Lee

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Poster: SCI-175

CONGENITAL SYPHILIS- A CASE STUDY

Richard Jenkins, Stacey Castle, Afshin Alavi, Erin Butterworth

Imperial NHS Trust, London, UNITED KINGDOM

Poster: SCI-176

AUTOMATIC DETECTION OF SLIPPED CAPITAL FEMORAL EPIPHYSIS ON PEDIATRIC PELVIC RADIOGRAPHS USING MACHINE LEARNING

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Poster: SCI-177

A CASE OF LATE DIAGNOSIS OF X-LINKED HYPOPHOSPHATEMIC RICKETS

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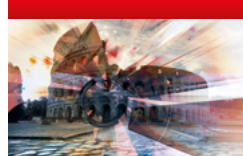
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Poster: SCI-178

T2 RELAXATION TIME CHANGES IN DISTAL FEMORAL CONDYLAR CARTILAGE IN CHILDREN WITH DISCOID MENISCUS

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Poster: SCI-179

IMAGING OF NON-ACCIDENTAL TRAUMA DURING THE BEGINNING OF THE 2020 NOVEL CORONAVIRUS PANDEMIC

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Poster: SCI-180

MRI OF THE FOOT: A STEP TOWARDS DEFINING THE EARLY IMAGING FINDINGS IN JUVENILE IDIOPATHIC ARTHRITIS

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Poster: SCI-181

WHOLE BODY POST-MORTEM COMPUTED TOMOGRAPHY VERSUS SKELETAL SURVEY IN THE DETECTION OF FRACTURES IN SUSPECTED CASES OF FATAL NON-ACCIDENTAL INJURY

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Poster: SCI-182

ARE LATERAL RADIOGRAPHS OF JOINTS HELPFUL IN THE SUSPECTED PHYSICAL ABUSE SKELETAL SURVEY?

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Poster: SCI-183

WHAT IS THE EFFECT OF SELECTIVE ULTRASOUND SCREENING ON THE INCIDENCE OF LATE PRESENTATION OF DEVELOPMENTAL HIP DYSPLASIA?

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Poster: SCI-184

COMPARISON OF RELIABILITY OF MAGNETIC RESONANCE IMAGING USING CARTILAGE AND T1-WEIGHTED SEQUENCES IN THE ASSESSMENT OF THE CLOSURE OF THE GROWTH PLATES AT THE KNEE

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Poster: SCI-185

MYOSONOGRAPHIC PATTERNS IN INFANTILE AND JUVENILE ONSET POMPE DISEASE

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Poster: SCI-186

YIELD OF POST-MORTEM SKELETAL SURVEYS IN INFANTS PRESENTING WITH SUDDEN UNEXPECTED DEATH

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Poster: SCI-187

CHILD ABUSE IMAGING AND FINDINGS IN THE TIME OF COVID

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Poster: SCI-190

FEASIBILITY OF ASSESSING SYSTEMIC OXALOSIS BY MRI

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Poster: SCI-191

RELIABILITY OF CONE BEAM CT IN THE ASSESSMENT OF DESTRUCTIVE CHANGE OF THE TEMPOROMANDIBULAR JOINT IN PATIENTS WITH JUVENILE IDIOPATHIC ARTHRITIS (JIA)

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Poster: SCI-192

CBCT-BASED MEASUREMENTS OF THE TEMPOROMANDIBULAR JOINT IN PATIENTS WITH JUVENILE IDIOPATHIC ARTHRITIS (JIA)

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Poster: SCI-193

DIAGNOSTIC ACCURACY OF 3D ULTRASOUND AND ARTIFICIAL INTELLIGENCE FOR DETECTION OF PEDIATRIC WRIST INJURIES

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Poster: SCI-194

A CASE SERIES; IMAGING FINDINGS OF CHRONIC RECURRENT MULTIFOCAL OSTEOMYELITIS

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Poster: SCI-195

LONG TERM SEQUELAE OF CHRONIC NONBACTERIAL OSTEOMYELITIS

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Poster: SCI-196

SPONTANEOUS CORRECTION OF CONGENITAL ANTEROLATERAL TIBIAL BOWING ASSOCIATED WITH POLYDACTYLY: A CASE REPORT

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Poster: SCI-197

TO CT OR NOT TO CT? IMAGING STRATEGY IN BLUNT PAEDIATRIC TRAUMA

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Poster: SCI-198

THE EFFECT OF THE UK LOCKDOWN ON EMERGENCY RADIOLOGY PRACTICE IN A TERTIARY CHILDREN'S HOSPITAL

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Poster: SCI-199

MR IMAGING IN PEDIATRIC KNEE LYME ARTHRITIS

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Poster: SCI-200

MAGNETIC RESONANCE IMAGING SACROILIAC JOINT SCORING SYSTEM FOR JUVENILE IDIOPATHIC ARTHRITIS: ARE WEIGHTS FOR ITEMS NEEDED? MULTICENTRIC MULTIDISCIPLINARY OMERACT INITIATIVE

Tarimobo Otobo ¹, Mirkamal Tolend ¹, Sayali Joshi ¹, Michal Znajdek ², Jennifer Stimec ¹, Arthur Meyers ³, Nele Herregods ⁴, Jacob Jaremko ⁵, Lennart Jans ⁴, Shirley Tse ⁶, Marion Van Rossum ⁷, Appenzeller Simone ⁸, Pamela Weiss ⁹, Dax Rumsey ¹⁰, Olympia Papakonstantinou ¹¹, John Carrino ¹², Eva Kirkhus ¹³, Nikolay Tzaribachev ¹⁴, Aloysius Ligha ¹⁵, Emilio Inarejos ¹⁶, Philip Conaghan ¹⁷, Robert Lambert ⁵, Walter Maksymowich ¹⁰, Manuela Perez ¹⁸, Rahim Moineddin ¹⁹, Nigil Haroon ²⁰, Iwona Sudol-Szopinska ², Andrea Doria ¹

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Poster: SCI-201

CORRELATING CLINICAL EXAM FINDINGS TO IMAGING FINDINGS FOR NEWBORNS WITH SUSPECTED HIP DYSPLASIA

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Poster: SCI-202

3D SCOLIOSIS ANGLE PROVIDED BY RASTER-STEREOGRAPHY VERSUS 3D RECONSTRUCTION OF LOW DOSE RADIOGRAPHY (EOS) IN ADOLESCENT IDIOPATHIC SCOLIOSIS: A PRELIMINARY STUDY

Meryle Laurent ¹, Anne Tabard-Fougère ², Charlotte De Bodman ³, Sylviane Hanquinet ¹, Alice Bonnefoy-Mazure ², Stéphane Armand ², Seema Toso ¹, Romain Dayer ²

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Poster: SCI-203

“STAY HOME, STAY SAFE” - HOW SAFE IS HOME?

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Poster: SCI-204

A REVIEW OF THE EFFECT OF THE SARS-COV-2 PANDEMIC ON PAEDIATRIC TRAUMA IN A MAJOR TRAUMA CENTRE

Harsimran Laidlow-Singh, Anoushka Ljutikov, Jonathan Colledge, Susan Cross, Charlotte A. Roberts

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Poster: SCI-205

REVIEW OF PEDIATRIC HIP ULTRASOUNDS: ARE WE PERFORMING TO NORTH AMERICAN STANDARDS?

Tyson Keddie, Eileen Tu, Teresa Liang

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Poster: SCI-206

IMPACT OF COVID-19 PANDEMIC ON MUSCULOSKELETAL EXAMINATIONS IN A PAEDIATRIC EMERGENCY RADIOLOGY DEPARTMENT

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Poster: SCI-207

OPTIMIZATION OF ULTRASOUND PLANES FOR ASSESSMENT OF JOINTS OF PATIENTS WITH BLOOD-INDUCED ARTHRITIS: A MULTICENTRIC STUDY

Jyoti Panwar ¹, Mirkamal Tolend ¹⁴, Eloy Fernandes ², Sonia Mitraud ², Victor Blanchette ⁴, Jorge Carneiro ⁵, Paulo Daruge ⁶, Elbio D'amico ⁵, Sergio Dertkigil ⁷, Artur Fernandes ², Aihua Huo ⁸, Jose Jarrin ⁹, Ying-Jia Li ¹⁰, Arun Mohanta ⁹, Jose Negrao ², Margareth Ozelo ¹¹, Sanuj Panwar ¹², Yun Peng ⁸, Marcelo Bordalo Rodrigues ⁶, Emerson Sakuma ⁷, Jin Sung ¹³, Sandra Antunes ³, Paula Villaca ⁵, Runhui Wu ¹⁵, Ningning Zhang ⁸, Alex Zhou ⁹, Fang Zhou ¹⁰, Andrea Doria ⁹

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Poster: SCI-208

RADIOLOGIC FEATURES OF SCURVY: A CASE REPORT

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Poster: SCI-209

KAPOSIIFORM HAEMANGIOENDOTHELIOMA OF THE SPINE WITH FIXED HYPERLORDOTIC DEFORMITY AND KASABACH MERRITT SYNDROME: A RARE ATYPICAL CASE REPORT AND REVIEW OF THE LITERATURE

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Poster: SCI-211

PAEDIATRIC HIP ULTRASOUND OF DDH DURING THE COVID-19 PANDEMIC

Stacey Castle, Richard Jenkins, Afshin Alavi, Mayai Seah, Sufi Sadigh, Danin Joanna Imperial Healthcare NHS Trust. St Mary's Hospital. Department of Radiology, London, UNITED KINGDOM



Poster: SCI-212

HUGE FEMORAL ARTERY PSEUDOANEURYSM AS A SWELLING MASS: CASE REPORT

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Poster: SCI-213

PILOMATRIXOMA OF THE MOLAR REGION: A CASE REPORT

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Poster: SCI-214

A CASE REPORT ON ENDOCONDAL OSSIFIED THYROID CARTILAGE AS A SUSPICIOUS LESION

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Poster: SCI-215

CHRONIC RECURRENT MULTIFOCAL OSTEOMYELITIS (CRMO): RADIOLOGICAL IMAGING FINDINGS OF AN EXTREMELY YOUNGER CHILD

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Poster: SCI-216

ENDOCHONDRAL OSSIFICATION OF THE THYROID CARTILAGE

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Poster: SCI-217

FIBROUS HAMARTOMA OF INFANCY: MRI FINDINGS IN FOUR CASES

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Poster: SCI-218

ASSESSING THE PREVALENCE OF SPINAL INVOLVEMENT IN OUR COHORT OF CHRONIC RECURRENT MULTIFOCAL OSTEOMYELITIS PATIENTS: ARE DEDICATED SPINAL IMAGING SEQUENCES REQUIRED?

Tobi Aderotimi, Nik Barnes, Caren Lande

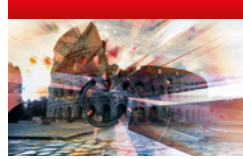
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Poster: SCI-221

TWO DIFFERENT MRI PATTERNS IN PEDIATRIC PARECHOVIRUS ENCEPHALITIS – FROM THE NEWBORN TO THE ADOLESCENT

Luis Octavio Tierradentro-García, Alireza Zandifar, Jorge Du Ub Kim, Savvas Andronikou

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Poster: SCI-222

WHEN SKULL GROWTH GOES WILD: A CASE REPORT OF HYPEROSTOSIS CRANIALIS INTERNA

Susan Taylor¹, Christabell Ndibe¹, Kartik Reddy^{1,2}, Adam Goldman-Yassen^{1,2}, Kristan Alfonso^{1,2}

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Poster: SCI-223

LARGE POSTERIOR DURAL VENOUS SINUS MALFORMATION: A CONCERNING RARE CONGENITAL INTRACRANIAL VASCULAR MALFORMATION

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Poster: SCI-224

PEDIATRIC HIGH-GRADE GLIOMAS - DIFFERENTIATING THE GENETIC SUBTYPES OF HISTONE H3G34 MUTANT, HISTONE H3K27 MUTANT, AND IDH-1 MUTANT TUMORS

Grace Renshaw, Audrey Fazel, Ryan Bruhns, Ben Renshaw, Jeffery Bennett

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Poster: SCI-225

CLINICAL AND RADIOLOGIC MANIFESTATIONS OF SMART SYNDROME: A CASE REPORT

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Poster: SCI-226

CONGENITAL FACIAL NERVE DISORDERS: A CASE SERIES

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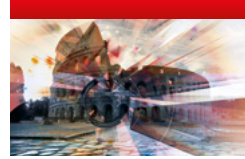
Poster: SCI-227

IMAGING OF MIDLINE CONGENITAL MALFORMATIONS OF BRAIN

Rahul Nikam¹, Ashrith Kandula¹, Snigdha Puram¹, Ben Paudyal¹, Xuyi Yue¹, Sachin Kumbhar²

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Poster: SCI-230

PERINATAL ARTERIAL ISCHEMIC STROKE IN FETAL VASCULAR MALPERFUSION: A CASE SERIES AND LITERATURE REVIEW

Ana Geraldo ¹, Alessandro Parodi ², Marta Bertamino ³, Francesca Buffeli ⁴, Sara Uccella ⁵, Domenico Tortora ⁶, Paolo Moretti ³, Luca Ramenghi ^{2,7}, Enzo Fulcheri ^{4,8}, Andrea Rossi ^{6,9}, Mariasavina Severino ⁶

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Poster: SCI-231

DEEP CERVICAL LYMPH NODES ON PEDIATRIC HEAD AND NECK MRI SCANS – A PICTORAL REVIEW

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Poster: SCI-232

MR SIALOGRAPHY AT A DISTRICT GENERAL HOSPITAL: OUR JOURNEY

Riddhika Chakravarty, Sarah Watson

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Poster: SCI-233

CONGENITAL INTRADURAL SPINAL LIPOMATOSIS WITH INTRACRANIAL EXTENSION

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Poster: SCI-234

LYMPHANGIOMA OF THE PEDIATRIC TEMPORAL BONE

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Poster: SCI-235

ANATOMICAL CORRELATION OF HUMAN VS. MOUSE MODEL ON MRI

Cesar Alves, Meagan Mcmanus, Nina Duncan, Abhay Ramachandran, Walt Mchugh,

Sergey Magnitsky, Todd Kilbaugh, Savvas Andronikou

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Poster: SCI-236

DOSE REDUCTION WITH SPECTRAL SHAPING FOR PEDIATRIC PARANASAL SINUS CT

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Poster: SCI-237

THE EVALUATION OF ANATOMIC STRUCTURES' VOLUME OF THE BRAIN IN PEDIATRIC PATIENTS WITH EPILEPSY – PRELIMINARY STUDY

Monika Zbroja ¹, Weronika Cyranka ¹, Katarzyna Drelich ¹, Olga Pustelniak ¹, Malgorzata Matuszek ¹, Ewa Kopyto ¹, Andrzej Materniak ², Magdalena Wozniak ²

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Poster: SCI-238

CLINICAL UTILITY OF THE DIFFUSION WEIGHTED IMAGING (DWI) RATIO IN CHARACTERIZING PRIMARY BRAIN NEOPLASMS IN PEDIATRIC PATIENTS: A 5-YEAR RETROSPECTIVE STUDY IN A TERTIARY HOSPITAL IN THE PHILIPPINES

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Poster: SCI-239

MRI FINDINGS OF AICA LOOPS IN CHILDREN: INCIDENCE AND ASSOCIATION WITH AUDIOVESTIBULAR SYMPTOMS

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Poster: SCI-242

BRAIN MRI FINDINGS IN PAEDIATRIC PATIENTS WITH DEVELOPMENTAL DELAY AT A TERTIARY HOSPITAL IN JOHANNESBURG, SOUTH AFRICA

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Poster: SCI-243

PROTOCOL-BASED IMAGING OF PAEDIATRIC BRAIN TUMOURS WITH MAGNETIC RESONANCE IMAGING (MRI) USING COMPRESSED SENSE: IMPACT ON IMAGE QUALITY AND EXAMINATION TIME

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Poster: SCI-244

POLYTRAUMA IN CHILDREN - COMPUTED TOMOGRAPHY ASSESSMENT OF CRANIOCEREBRAL PATHOLOGIES

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Poster: SCI-245

MAGNETIC RESONANCE SPECTROSCOPY STUDY OF ACUTE MILD TRAUMATIC BRAIN INJURY

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Poster: SCI-246

LATE-ONSET SUBVENTRICULAR ECHOGENICITY ON CRANIAL SONOGRAPHY IN EXTREMELY LOW BIRTH WEIGHT INFANTS WITH INTESTINAL PERFORATION

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Poster: SCI-247

THE IMPACT OF CEREBELLAR VOLUME ON BRAIN NETWORKS IN CHILDREN WITH EPILEPSY

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Poster: SCI-248

THE ROLE OF ADVANCED EPILEPSY-SPECIFIC MRI PROTOCOL IN THE DIAGNOSIS OF PHARMACORESISTANT EPILEPSY IN CHILDREN

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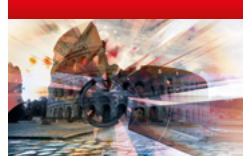
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Poster: SCI-249

COMPARING MEASUREMENTS ON STANDARD AND ULTRAFAST MRI SEQUENCES

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Poster: SCI-250

LACRIMAL SACK PATHOLOGY: THE ROLE OF ULTRASOUND - A CASE PRESENTATION

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Poster: SCI-251

RAPID MAGNETIC RESONANCE IMAGING OF THE BRAIN IN A PEDIATRIC EMERGENCY DEPARTMENT: AN ANALYSIS OF USAGE FOR HEADACHE

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Poster: SCI-252

DYNAMICS OF MICROSTRUCTURAL AND METABOLIC PARAMETERS IN CHILDREN WITH SEVERE TBI AND HYPOXIC-ISCHEMIC BRAIN INJURY

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Poster: SCI-253

DYSFUNCTION OF FUNCTIONAL CONNECTIVITY BETWEEN DEFAULT MODE NETWORK AND CEREBELLAR STRUCTURES IN PATIENTS WITH MTBI IN ACUTE STAGE. RSFMRI AND DTI STUDY

Maxim Ublinskiy¹, Andrei Manzhurtsev^{1,2}, Ilya Melnikov¹, Tolibdzhon Akhadov¹, Natalia Semenova^{1,2}, Alexei Yakovlev^{1,2}

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Poster: SCI-254

CEREBROSPINAL FLUID FLOW DETECTION IN POST-HEMORRHAGIC HYDROCEPHALUS WITH NOVEL MICROVASCULAR IMAGING MODALITY

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Poster: SCI-255

BENIGN DEVELOPMENTAL CHANGES OF THE THYROID CARTILAGE MIMICKING PATHOLOGICAL NODULES

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Poster: SCI-256

AFTER-HOURS MRI AT CHILDREN'S HOSPITALS: EMERGENT VP SHUNT EVALUATION AS A JUSTIFICATION FOR 24-HOUR STAFFING

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Poster: SCI-257

'TWO-IN-ONE' – IN-BORE CHILD AND PARENT POSITIONING FOR NON-ANESTHESIA PEDIATRIC MRI

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Poster: SCI-258

DO CHILDREN WITH SUSPECTED SHUNT FAILURE ALSO REQUIRE A RADIOGRAPHIC SHUNT SERIES IF HEAD CT IS GOING TO BE, OR HAS BEEN, PERFORMED?

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Poster: SCI-259

AVOIDING SKULL RADIOGRAPHS IN INFANTS WITH SUSPECTED INFLECTED INJURY WHO ALSO UNDERGO HEAD CT: "A NO-BRAINER?"

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Poster: SCI-260

MENINGIOANGIOMATOSIS IN A 5 YEAR OLD: A CASE REPORT

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Poster: SCI-261

SIMULATION OF REDUCED-DOSE IMAGES USING NOISE-INSERTION PROGRAM FOR PEDIATRIC BRAIN CT

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Poster: SCI-262

NEONATAL NEUROSONOGRAM – SPECTRUM OF CASES IN A TERTIARY CARE CENTRE IN INDIA

Prasanna Karpaga Kumaravel, Nitin Ashok, Abirami Krithiga
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Poster: SCI-263

VOLUMETRIC ANALYSIS OF CAUDATE, LENTIFORM NUCLEI, THALAMIC VOLUMES OF CHILDREN WHO UNDERWENT MRI FOR HEADACHE

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Poster: SCI-264

GANGLIONEUROMA WHICH IS RARELY LOCATED ON THE NECK: A CASE REPORT

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Poster: SCI-265

CEREBRAL VASCULAR FINDINGS IN CHILDREN WITH NEUROFIBROMATOSIS TYPE 1 USING TIME-OF-FLIGHT MRA

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Poster: SCI-266

BIOMETRY OF THE CEREBRAL VENTRICLES IN EXTREMELY LOW GESTATIONAL AGE NEONATES

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Poster: SCI-267

EXPECT THE UNEXPECTED: A PICTORIAL REVIEW OF UNEXPECTED PET/MR FINDINGS IN COMMON CHILDHOOD MALIGNANCIES AND THEIR CLINICAL SIGNIFICANCE

Jayne Seekins, Helen Nadel, Jesse Sandberg
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Poster: SCI-268

MRI APPARENT DIFFUSION COEFFICIENT (ADC) AND 123-I-MIBG UPTAKE IN LOW-RISK NEUROBLASTOMA: CASE REPORT

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Poster: SCI-269

THYROID INVOLVEMENT OF LANGERHANS CELL HISTIOCYTOSIS: IMAGING FINDINGS OF RARE DISEASE

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Poster: SCI-270

PAPILLARY CARCINOMA IN A CHILD, RARE BUT AGGRESSIVE

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Poster: SCI-271

LANGERHANS CELL HISTIOCYTOSIS: A GREAT MIMICKER!

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Poster: SCI-272

WHEN LIQUID TUMORS TURN SOLID...

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Poster: SCI-274

WILMS TUMOR UPDATE

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Poster: SCI-275

EXTRARENAL WILMS TUMOUR WITH PULMONARY METASTASES: A RARE PRESENTATION OF A COMMON PAEDIATRIC TUMOUR

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Poster: SCI-276

HEPATIC EPITHELIOID HAEMANGIOENDOTHELIOMA WITH PULMONARY INVOLVEMENT: A ONE IN A MILLION DIAGNOSIS

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Poster: SCI-277

COMPARISON OF WHOLE BODY MRI AND PET-CT IN PEDIATRIC SOLID TUMORS

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Poster: SCI-278

ULTRASOUND IN TONSILLAR LYMPHOMA: AN EMERGING FRONTLINE MODALITY - TWO CASE REPORTS

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Poster: SCI-279

IMAGING FINDINGS OF CONGENITAL-INFANTILE FIBROSARCOMA WITH A PICTORIAL REVIEW

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Poster: SCI-281

BILOBED METANEPHRIC ADENOMA AND WILMS TUMOR: IDENTICAL EMBRYOLOGIC ORIGIN, DIVERGENT IMAGING APPEARANCE. FIRST REPORT WITH US, SPECTRAL CT, AND MRI

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Poster: SCI-282

DO OTHERWISE WELL, HEALTHY CHILDREN WITH PALPABLE CERVICAL LYMPH NODES REQUIRE INVESTIGATION WITH NECK ULTRASOUND?

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Poster: SCI-283

NEUROBLASTOMA WITH KINSBOURNE SYNDROME: CASE SERIES OF SIXTEEN CASES AND REVIEW OF LITERATURE

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Poster: SCI-284

IMAGING PATTERNS OF GROWTH OF TUMORS IN LI-FRAUMENI SYNDROME: CASE SERIES

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Poster: SCI-285

DIAGNOSTIC ACCURACY OF MRI FOR PEDIATRIC NEUROBLASTIC TUMOR DIFFERENTIATION: SYSTEMATIC REVIEW AND SUBGROUP META-ANALYSIS

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Poster: SCI-286

2D SHEAR WAVE ELASTOGRAPHY OF SUPERFICIAL LYMPH NODES IN CHILDREN WITH HODGKIN LYMPHOMA. ITS CONTRIBUTION IN EVALUATING RESPONSE TO CHEMOTHERAPY

Anna Chountala¹, Rodanthe Sfakiotaki¹, Efi Alexopoulou³, Marina Vakaki¹,
Nickos Spyridis², Dimitris Doganis⁴, Chrysoula Koumanidou¹, Lydia Kossiva²

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Poster: SCI-287

CAN SUPERFICIAL LYMPH NODES' ELASTOGRAPHY CONTRIBUTE TO THE DIFFERENTIAL DIAGNOSIS OF THE TYPES OF PEDIATRIC MALIGNANCY?

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