

Ref.) List of abstracts, authors, speakers and affiliations

1 Magnetic resonance imaging results in children with growth hormone deficiency

Michael Yafi¹

¹University of Texas Health Science Center at Houston, Houston, United States

5 Experiences of Parents and Caregivers During Paediatric Medical Imaging: A Systematic Review of Support Mechanisms and Challenges

Jessica Eaton¹, Dr Ian Simcock¹, Professor Alan Simpson², Professor Owen J Arthurs¹

¹Great Ormond Street Hospital For Children, London , United Kingdom, ²Health Services and Population Research Department, King's College London, London, United Kingdom

6 Hands-on with the spaghetti sign: untangling the fibrolipomatous hamartoma in an 11-year-old girl.

James Hwang¹, Lauren Ehrlich

¹Yale School of Medicine, New Haven, United States

8 Comparison of bone age assessment using manual Greulich and Pyle method versus automated BoneXpert method in South African children

Radhiya Minty¹, Professor Nasreen Mahomed¹, Dr Nicole Van Wyk¹, Dr Ashesh Ranchod¹, Dr Gopolang Mndebele¹, Professor Zarina Lockhat¹

¹University Of Witwatersrand, Johannesburg, South Africa

9 A case study in diagnostic detective work: integrating clinical findings and prior imaging to detect polycystic ovarian syndrome

Joseph Kim¹, Matthew Hammer¹, Neal Shukla¹, Ramtin Hajibeygi², Richard Lozano¹, Brendon Graeber³, Long Tu¹

¹Yale New Haven Hospital, New Haven, United States, ²Tehran University of Medical Sciences, Faculty of Medicine, Tehran, Iran, Tehran, Iran, ³BC Children's Hospital, Vancouver, Canada

10 A case of posterior reversible encephalopathy syndrome: a rare but potential complication of Denys-Drash syndrome

Joseph Kim¹, Matthew Hammer¹, Neal Shukla¹, Ramtin Hajibeygi², Richard Lozano¹, Long Tu¹, Balaji Rao¹

¹Yale New Haven Hospital, New Haven, United States, ²Tehran University of Medical Sciences, Faculty of Medicine, Tehran, Iran

11 A multimodality case review of infantile hemangiomas of the upper eyelid

Joseph Kim¹, Neal Shukla¹, Matthew Hammer¹, Richard Lozano¹, Ramtin Hajibeygi², Long Tu¹, Balaji Rao¹

¹Yale New Haven Hospital, New Haven, United States, ²Tehran University of Medical Sciences, Faculty of Medicine, Tehran, Iran

12 An imaging review of branchial cleft cysts and their cystic mimics

Joseph Kim¹, Irene de Oliveira Santo¹, Danling Chen¹, Jeffers Nguyen¹, Long Tu¹

¹Yale New Haven Hospital, New Haven, United States

13 A growing pain in the neck: a case report of human botfly myiasis

Joseph Kim¹, Long Tu¹

¹Yale New Haven Hospital, New Haven, United States

14 Challenging localization of an abdominal teratoma in a 4-year-old boy

Joseph Kim¹, Matthew Hammer¹, Neal Shukla¹, Ramtin Hajibeygi², Richard Lozano¹, Long Tu¹, Balaji Rao¹

¹Yale New Haven Hospital, New Haven, United States, ²Tehran University, Faculty of Medicine, Tehran, Iran

15 Associations between MRI findings and Endoscopic Ultrasound findings in Children with Recurrent and Chronic Pancreatitis

Murat Kocaoglu¹, Pradipta Debnath¹, Nadeen Abu Ata¹, Christopher Anton¹, Bin Zhang¹, Andrew Trout¹, David Vitale²

¹Cincinnati Children's Hospital Medical Center, Department of Radiology, Cincinnati, United States,

²Cincinnati Children's Hospital Medical Center, Department of Gastroenterology,

18 Sarcopenia and sarcopenic obesity after chemotherapy in childhood lymphoma

Lalitphan Nimmankiatku^{1,2}, Supika Krtsaneepaiboon¹, Natee Ina¹, Thirachit Chotsampanchareon¹, Shevachut Chavananon¹

¹Prince of Songkla University, Hat Yai, Thailand, ²Queen Sirikit National Institute of Child Health, Bangkok, Thailand

19 Multiple quantitative ultrasound liver markers are applicable also in children and adolescents with severe obesity

Hanna Hebelka, Ivan Cetinic, Kerstin Lagerstrand, Jenny M. M. Kindblom, Lovisa Sjögren, Charlotte de Lange

¹Institute of Clinical Sciences, Sahlgrenska Academy, University of Gothenburg, Gothenburg, Sweden,

²Institute of Medicine, Sahlgrenska Academy, University of Gothenburg, Gothenburg, Sweden

21 Congenital infantile fibrosarcoma of the oropharynx misdiagnosed as epignathus: Fetal ultrasonography, MRI and pathology

Mi Jin Song¹, Jeong Woo Kim, Kyeong Ah Kim

¹Radiology, Seoul, South Korea

23 A rare complication of GnRH analogue therapy in a girl with central precocious puberty

Pei Shan Tsai¹, Dao Chen Lin²

¹Department of Radiology, Mackay Memorial Hospital, Taipei, Taiwan, ²Department of Radiology, Taipei Veterans General Hospital, Taipei, Taiwan

24 Primary anti-phospholipid syndrome – How Radiologist can help?

Long Ching¹, Jonan Chun Yin Lee¹

¹Queen Elizabeth Hospital, Hong Kong, Hong Kong

27 Imaging of paediatric inflammatory myofibroblastic tumours – insights from a bi-institutional case series for radiologists

Tricia Kuah¹, Timothy Shao Ern Tan², Yi-Ming Teo¹

¹National University Health System, Singapore, Singapore, ²KK Women's and Children's Hospital, Singapore, Singapore

28 From birth to teen: uterine and ovarian development assessment on ultrasound

Barbara Limberger Nedel^{1,2}, Mariane Cibelle Barreto da Silva Barros¹

¹Hospital Moinhos de Vento, Porto Alegre, Brazil, ²Hospital Femina, Porto Alegre, Brazil

29 Twists of copper: unraveling the clinical puzzle of Menkes Disease.

James Hwang¹, Lauren Ehrlich

¹Yale University School of Medicine, New Haven, United States

30 Efficacy of MAPK inhibitor on pulmonary Langerhans cell histiocytosis documented by CT in 8 patients

François Chalard¹, Dmitry Evseev^{2,3}, Anna Raciborska⁴, Olga Slater⁵, Trung Nguen⁵, Adam Cécile⁶, Houda Boudiaf⁷, Mohamed Barkaoui¹, Guido Felizzia⁸, Evelina Lyudovskikh², Susanne Holzhauer⁹, Michael Maschan², Solenne Le Louet¹, Sébastien Héritier¹, Jean Donadieu¹

¹Hôpital Armand Trousseau, Paris, France, ²Dmitriy Rogachev National Center for Pediatric Hematology, Oncology and Immunology, Moscow, Russia, ³Kepler Universitätsklinikum, Kinder- und Jugendheilkunde, Linz, Austria, ⁴Institute of Mother and Child, Warsaw, Poland, ⁵Great Ormond Street Hospital, London, UK, ⁶Centre Hospitalier Universitaire Vaudois, Lausanne, Switzerland, ⁷Centre Hospitalo-Universitaire, Alger, Algeria, ⁸Pediatric Hospital Dr Juan Garrahan, Buenos Aires, Argentina, ⁹Charité-University Medicine, Berlin, Germany

31 Qualitative Assessment of Arterial Spin Labelling Perfusion Maps in Pediatric Patients with MRI-negative Epilepsy

Tijana Radovic^{1,2}, Sandra Nedovic¹, Zorica Jokovic¹, Sofija Cvejic¹, Ivana Dasic¹, Dubravka Milutinovic¹, Polina Pavicevic^{1,2}

¹University Children's Hospital Belgrade, Belgrade, Serbia, ²Faculty of Medicine, University of Belgrade, Belgrade, Serbia

32 Losing our senses – were they there to begin with?

Tanay Suri¹, Harry Knifton¹, Kaseem Ajilogba¹, Jonathan Delf¹, JiaYing Kuah¹, Thomas O'Neill¹, Ahmed Sharaf¹, Fiona Dickinson¹, Mandip Heir¹

¹University Hospitals Leicester NHS Trust, Leicester, United Kingdom

33 Ultrasonography (US) in pediatric radiology - far more than just the basic work horse

Michael Riccabona

Graz, Austria

34 Performance of a deep learning-based algorithm for automated measurements of Cobb angles on pre-operative spine radiographs in adolescent idiopathic scoliosis

Maria Chiara Bonanno¹, Toan Nguyen¹, Mathilde Gaume¹, Raphael Vialle¹, Hubert Ducou le Pointe¹

¹Armand Trousseau Hospital, Paris, France

37 Evaluation of congenital developmental pediatric neck masses through different imaging modalities

Alex Alexandrescu¹, Simona Cerbu^{1,2}

¹Emergency Clinical Municipal Hospital Timisoara , Timisoara, Romania, ²Victor Babes University of Medicine and Pharmacy Timisoara, Timisoara, Romania

38 Cervical rib leading to thoracic outlet syndrome in a teenager: a case report

Barbara Limberger Nedel¹, Carlos Eduardo Nedel¹, Cristiano Feijo¹, Mariane Cibelle Barreto Barros da Silva¹

¹Hospital Moinhos de Vento, Porto Alegre, Brazil, ²Hospital Femina, Porto Alegre, Brasil

39 Pictorial essay: the many faces of neonatal skull

Barbara Limberger Nedel^{1,2}, Carlos Eduardo Nedel¹, Mariane Cibelle Barreto da Silva Barros¹

¹Hospital Moinhos de Vento, Porto Alegre, Brazil, ²Hospital Femina, Porto Alegre, Brasil

40 Pictorial review of uterine malformations encountered in the paediatric population of Tarragona area from 2019 to 2024.

Montserrat Domingo Ayllón¹, Andrea Asensio Vicente², Ida Di Crosta³, Ignacio Díaz Saubidet⁴

¹University Hospital Joan XXIII, Tarragona, Spain, ²University Hospital Joan XXIII, Tarragona, Spain,

³University Hospital Joan XXIII, Tarragona, Spain, ⁴University Hospital Joan XXIII, Tarragona, Spain

42 Incidence and Spectrum of Fetal Anomalies Detected by MRI: Complementary to Ultrasound

Dr Nazli Gulsum Akyel¹, Dr Hamit Ozgul², Dr Aysegul Omac Birinci², Dr Tugce Arslanoglu³

¹Department of Pediatric Radiology, University of Health Sciences, Basaksehir Cam and Sakura City Hospital, Istanbul, Turkey, ²Department of Radiology, University of Health Sciences, Basaksehir Cam and Sakura City Hospital, Istanbul, Turkey, ³Department of Perinatology, University of Health Sciences, Basaksehir Cam and Sakura City Hospital, Istanbul, Istanbul, Turkey

43 Incidental lung nodules in both oncology and non-oncology paediatric patients: how to manage?

Luis Riera Soler¹

¹Hospital Universitari Vall D'hebron, Barcelona, Spain, ²Institut de Diagnòstic per la Imatge, Barcelona, Spain

45 Metamorphosis: An imaging case study of fibrodysplasia ossificans progressive (FOP)

Michael Morgan¹, Alexander Wilson¹

¹Addenbrooke's Hospital, Cambridge University Hospitals, Cambridge, United Kingdom

47 Evaluating an AI Tool Trained on Adult Radiographs for Accurate Measurement of Pediatric Hip Joint Angles

Felix Endres², Thomas La Cava², Ludwig Jägerhuber², Verena Schäfer¹, Yevgeniy Dikthyar¹, Boj F. Hoppe¹, Marco Paolini¹, Chakravarthy U Dussa², Boris Holzapfel², Jens Ricke¹, Paul Reidler¹, Ferdinand Wagner², Christian Ziegler², Jan Rudolph¹

¹Department of Radiology, LMU University Hospital, LMU Munich, Munich, Germany, ²Department of Orthopedics and Trauma Surgery, Musculoskeletal University Center Munich (MUM), LMU University Hospital, LMU Munich, Munich, Germany

48 Intracranial pressure correlates with brain stiffness measured by non-invasive ultrasound-based transcranial time harmonic elastography in children and young adults

Corona Metz¹, Dr. Valentina Pennacchietti², Matthias Stephan Anders¹, Prof. Dr. Simon Veldhoen¹, Prof. Dr. Ulrich-Wilhelm Thomale², Prof. Ingolf Sack³, Tom Meyer³

¹Charité – Universitätsmedizin Berlin, corporate member of Freie Universität Berlin and Humboldt-Universität zu Berlin, Pediatric Radiology, Berlin, Germany, Berlin, Germany, ²Charité – Universitätsmedizin Berlin, corporate member of Freie Universität Berlin and Humboldt-Universität zu Berlin, Pediatric Neurosurgery, Berlin, Germany, Berlin, Deutschland, ³Charité – Universitätsmedizin Berlin, corporate member of Freie Universität Berlin and Humboldt-Universität zu Berlin, Radiology, Berlin, Germany, Berlin, Deutschland

49 The hidden bite of sickle cell disease: unveiling an important gastrointestinal complication.

James Hwang¹, Dr. Lauren Ehrlich¹

¹Yale University School of Medicine, New Haven, United States

52 Play Therapy and Study Visits: Reducing need for Anesthesia and Sedation in Pediatric MRI

Hanna Hebelka¹, Pär-Arne Svensson, Jenny Berggren

¹Institution Of Clinical Sciences, Sahlgrenska Academy, University of Gothenburg, Göteborg, Sweden

53 The role of the paediatric radiologist in pulmonary infections in children.

Montserrat Domingo Ayllón¹, Olga Calavia Garsaball², Andrea Papaleo³

¹Institut Diagnòstic Per La Imatge - Radiology Department - University Hospital Joan XXIII,

Tarragona, Spain, ²University Hospital Joan XXIII, Tarragona, Spain, ³University Hospital Joan XXIII, Tarragona, Spain

54 CEUS in Pediatric Benign Liver Masses with MR Correlation

Zoltan Harkanyi¹

¹Zoltan Harkanyi, Heim Pal National Pediatric Institute, Budapest, Hungary, ²Timea Beli, Heim Pal National Pediatric Institute, Budapest, Hungary

55 Neuroimaging findings in Infantile neuroaxonal dystrophy.

Ruchi Gandecha¹, Tanay Suri¹, Deevia Hanji¹, Mandip Heir¹, Ahmed Sharaf¹, Kaseem Ajilogba¹, JiaYing Kuah¹, Jonathan Delf¹, Fiona Dickinson¹

¹University Hospitals Leicester NHS Trust, Leicester, United Kingdom

57 Mammillary body and hippocampal injury after acute perinatal arterial ischemic stroke

Maarten Lequin¹, Dr Lisanne Baak¹, Dr Jeroen Dudink¹, Prof Seralynne Vann¹, Dr Floris Groenendaal¹, Prof Linda de vries¹, Prof Manon Benders¹, Prof Cora Nijboer¹, Dr Nienke Wagenaar¹, Dr Niek van de Aa¹

¹Texas Childrens Hospital, Austin, United States

58 Range of Extracranial Fetal Abnormalities Detected by MRI

George Hadjidekov¹

¹University Hospital Lozenetz, Sofia, Bulgaria, ² Medical Faculty, Sofia University "St Kliment Ohridski", Sofia, Bulgaria, Sofia, Bulgaria

59 Reliability of Automated Intracranial Volume Measurements by Synthetic Brain MRI in Children

Andreea Ciornei-Hoffman¹

¹Medical University Of Graz, Graz, Austria, ²"Iuliu Hatieganu" University of Medicine and Pharmacy, Cluj-Napoca, Romania, ³University Second Faculty of Medicine, Charles University, , Czech Republic

60 Breaking Barriers in AI Pediatric Fracture Detection: Validating the Effectiveness of Two Leading AI Algorithms

Jan Rudolph¹, Alexander L. Gebel¹, Jakob Mühling², Marco Paolini¹, Boj F. Hoppe¹, Johannes Rueckel³, Ingrid Krueger-Stollfuss¹, Nada Nasri², Florian Bergmann², Jens Ricke¹, Birgit Kammer¹, Oliver Muensterer², Julia Ley-Zaporozhan¹

¹Department of Radiology, LMU University Hospital, LMU Munich, Munich, Germany, ²Department for Pediatric Surgery, LMU University Hospital, LMU Munich, Munich, Germany, ³Institute of Neuroradiology, LMU University Hospital, LMU Munich, Munich, Germany

61 An atypical clinical presentation of a congenital mediastinal tumor

Andrei Corniciuc, Dr Veronica Marcu, Dr Mariana Coman

¹Emergency Clinical Hospital for Children“Maria Skłodowska Curie, Bucharest, Romania, ²Children's Hospital Dr Victor Gomoiu, Bucharest, Romania

62 Radiographic findings in ACAN-related short stature: an under-recognised skeletal dysplasia

Joy Barber¹, Dr Nikhil Pattani¹, Prof Sahar Mansour¹

¹St George's Hospital, London, United Kingdom

63 Child-friendly imaging for paediatric inflammatory bowel disease

Joy Barber¹, Mr Stephen Jarvis¹, Mr Jagadish Kalasthry¹

¹St George's Hospital, London, United Kingdom

64 Imaging challenges in the diagnosing undifferentiated embryonal sarcoma of the liver.

Tamara Gorjanc¹, Ana Gazikalović¹, Martin Thaler¹, Damjana Ključevšek¹

¹Children's Hospital, University Medical Centre Ljubljana, Ljubljana, Slovenia

65 Nasopharyngeal Carcinoma In A Teenager: A Case Report

Catarina Gil¹, Luís Duarte Silva¹

¹Centro Hospitalar Universitário Do Algarve - Unidade De Portimão E Lagos, Lisboa, Portugal

68 Contrast-Enhanced Ultrasound of focal liver lesions in pediatric patients.

Aleksandra Sniatkowska¹, Małgorzata Goluch¹, Joanna Fornalska¹, Elżbieta Jurkiewicz¹

¹Children's Memorial Health Institute, Warsaw, Poland

69 Ultrasonography - primum movens in the assessment of intracranial hypertension
Ciprian Radu Sofariu¹, Gabriela Visa¹, Claudiu Matei², Andreea Maria Corches³, Mihaela Ileana Muntean¹, Cristina Ratiu¹, Simona Paraschiva Sofariu¹, Eduard George Dobrin¹, Nicoleta Constantinescu¹, Cristina Maria Dospinescu¹, Ciprian Ionica¹

¹Pediatric Clinical Hospital, Sibiu, Romania, ²MedLifePolisanoHospital, Sibiu, Romania, ³County Emergency Clinical Hospital, Sibiu, Romania

70 FNH-like lesions in pediatric patients undergoing chemotherapy: radiological characteristics and evolution during MRI follow-up

Marzia Vaccaro^{1,2}, Dr. Lorenzo Lasagni³, Prof. Sergio Salerno^{1,2}, Dr. Perla Scalini³, Dr. Annalisa Tondo³, Dr Ubaldo Bongini³, Dr Anna Perrone³

¹Pediatric Hospital Di Cristina, Palermo, Italy, ²Policlinico University Hospital, Palermo, Italy, ³Meyer Children's Hospital, Florence, Italy

71 Predicting age from pediatric chest radiographs using artificial intelligence

Morgan McBee¹

¹Medical University Of South Carolina, Charleston, United States

72 Spontaneous regression of congenital lung masses: Serial prenatal ultrasonography and postnatal CT

Mi Jin Song¹, Jeong Woo Kim², Kyeong Ah Kim³

¹Korea University Guro Hospital, Seoul, South Korea, ²Korea University Guro Hospital, Seoul, South Korea, ³Korea University Guro Hospital, Seoul, South Korea

74 Multivendor comparison study of AI algorithms for automated fracture detection in paediatric patients

Léa Geiger¹, PD Dr. Michelle Seiler¹, PhD Fraser Callaghan¹, Prof. Christian Johan Kellenberger¹, PhD Irmhild Altmann-Schneider¹

¹University Children's Hospital Zurich, Zurich, Switzerland

75 Predictors of Patellofemoral Instability in a Paediatric Population: a Retrospective Study

Jungwoo Kang¹, Dr Mayurun Ramadas¹

¹Whittington Hospital, London, United Kingdom

78 Radiological manifestation of congenital syphilis – case report

Dunja Djeric¹, Vesna Topic¹

¹Institute For Mother And Child Health Care Of Serbia “dr Vukan Cupic”, Belgrade, Serbia

82 The role of ultrasound and hydrosonography in evaluating pediatric inflammatory bowel disease

Oana Noelle Popa¹, Otilia Fufezan

¹Clinical Emergency Hospital for Children, Cluj-Napoca, Romania

83 Imaging Rhabdomyosarcoma; the first international prospective imaging trial in paediatric soft tissue sarcoma

MD Isabelle de Vries¹, MD Roelof van Ewijk¹, MD Raj Athwal², MD. PhD. Lise Borgwardt³, MD. PhD. Arthur Braat⁴, PhD. Lettine van den Brink¹, MD. PhD. Julia Chisholm⁵, MD. Charlotte Firth², MSc. Charlotte Gaskell², MD. PhD. Susanne A. Gatz^{6,7}, Ms. Emma Gray², MD. PhD. Simone ter Horst⁴, MD. PhD. Nina Jehanno⁸, Prof. MD. PhD. Merriel Jenny⁹, MSc. Gideon de Jonge⁴, MD. PhD. Bart de Keizer⁴, MSc. Sarah Kelly^{10,11,12}, MD. PhD. Henri Mandeville¹³, MSc. Bridget Shaw², MD. PhD Simon Wan¹⁴, Prof. MD. PhD. Hans Merks¹, Rick R. Van Rijn¹⁵

¹Prinsess Máxima Center, Utrecht, the Netherlands , ²Cancer Research Clinical Trials Unit, Birmingham, United Kingdom, ³University Hospital Rigshospitalet, Copenhagen, Danmark, ⁴University Medical Center Utrecht, Utrecht, the Netherlands, ⁵Children and Young People’s Unit, Royal Marsden Hospital and Institute of Cancer Research, Sutton, United Kingdom, ⁶Department of Cancer and

Genomic Sciences, College of Medicine and Health, University of Birmingham, Birmingham, United Kingdom, ⁷Department of Paediatric Oncology, Birmingham Women’s and Children’s NHS Foundation Trust, Birmingham, United Kingdom, ⁸Institute Curie, Paris, France, ⁹Children’s Hospital for Wales, Cardiff, United Kingdom, ¹⁰QUARTET Project, SIOP Europe, Brussels, Belgium, ¹¹The European Organisation for Research and Treatment of Cancer (EORTC) Headquarters, Brussels, Belgium,

¹²Faculty of Medicine and Health Sciences, Ghent University, Ghent, Belgium, ¹³Children and Young People’s Unit, Royal Marsden Hospital and Institute of Cancer Research, Sutton, United Kingdom,

¹⁴University College London, London, United Kingdom, ¹⁵Amsterdam UMC, University of Amsterdam, , the Netherlands

84 A Series of Cases of Sonographic Findings in Juvenile Polyps and the Differential Diagnosis of Lower Gastrointestinal Bleeding

Lavinia Claudia Neculoiu¹, Damaris Neculoiu¹, Otilia-Maria Fufezan¹

¹Clinical Emergency Hospital Of Children, Cluj-Napoca, Romania, Cluj-Napoca, Romania

86 Ultrasound elasticity, dispersion and attenuation imaging as Potential Tools for Detecting Liver Affection in Children with Cystic Fibrosis

Karl Bohlin¹, Charlotte de Lange¹, Anders Lindblad¹, Marcus Svedberg, Kerstin Lagerstrand, Hanna Hebelka

¹Department Of Clinical Sciences, Sahlgrenska Academy, University of Gothenburg, Gothenburg, Sweden

87 Uncommon presentation of recurrent Fibromatosis Coli in a male child – a case report

Raluca-Oana Raianu¹, Diana Stanescu², George Danila², Mariana Coman²

¹Emergency Clinical Hospital Bucharest, Bucharest, Romania, ²Marie Curie Clinical Hospital, Bucharest, Romania

88 Paediatric insufficiency fractures of the spine

Angeliki Voudaski¹, Artemis Doulgeraki², Evangelia Vassalou^{1,3}, Sergia Liasi¹, Maria Raissaki¹

¹Radiology Department, University Hospital Of Heraklion, Heraklion, Greece, ²Department of Bone and Mineral Metabolism, Institute of Child Health, Athens, Greece , ³Radiology Department, General Hospital Of Sitia, , Greece

89 Manifestations of gastrointestinal pathology on neonatal chest imaging.

Dr Saira Haque¹, Annabel Felton¹, Dr Honida Mansour¹, Dr Pamela Allen¹, Dr Annamaria

Deganello², Dr Maria Sellars¹, Dr Christopher Harris¹

¹King's College Hospital, London, United Kingdom, ²King's College London, London, United Kingdom

90 Plasmablastic lymphoma as a neoplasm associated with liver transplantation

Joanna Fornalska¹, Aleksandra Sniatkowska¹, Małgorzata Goluch¹, Elżbieta Jurkiewicz¹

¹The Children's Memorial Health Institute, Warsaw, Poland

91 Diagnostic performance of triplanar real-time cine FIESTA MRI in preschool children – preliminary comparison to dedicated lung MRI

Michael Zellner¹, Julia Geiger¹, Srdjan Micic¹, Elias Seidl¹, Alexander Moeller¹, Christian Kellenberger¹

¹University Children's Hospital Zurich, Zurich, Switzerland

92 History repeats itself. The importance of recognizing a rare syndrome

Oana Alexandra Isac¹, Virginia Băican¹, Associate Professor Alina Cristiana Venter^{1,2}

¹Emergency County Hospital Bihor, Oradea, Romania, ²University of Oradea, Oradea, Romania

95 Review of a Fontan circulation for the paediatric radiologist.

Katarina Chow¹, Ghadaq Enad¹, Soraya Campbell^{1,2}, Amit Maniyar²

¹North West School Of Radiology, Manchester, United Kingdom, ²Royal Manchester Children's Hospital, Manchester, United Kingdom

96 Postoperative Acute Kidney Failure Secondary to Bilateral Ureteric Sludge in Children

Dr. Nazli Gulsum Akyel¹, Dr Merve Soyleyici², Dr Zeki Can Beyoglu², Dr Tuba Banaz², Dr Ercan Ayaz¹

¹Department Of Pediatric Radiology, University Of Health Sciences, Basaksehir Cam And Sakura City Hospital, Istanbul, Turkey, ²Department of Radiology, University of Health Sciences, Basaksehir Cam and Sakura City Hospital, Istanbul, Turkey

98 Imaging aspects of hepatic angiosarcomas in children

Mariana Andreea Calota¹, Dr. Solène Le Cam¹, Dr. Inès Mannes¹, Pr. Stéphanie Franchi-Abella¹

¹Hôpital Bicêtre AP-HP, Paris, France

99 Longitudinal assessment of renal allograft function in pediatric recipients using intravoxel incoherent motion (IVIM) and monoexponential diffusion-weighted imaging (DWI)

Tijana Radovic^{1,2}, Brankica Spasojevic^{1,2}, Mirjana Cvetkovic^{1,2}, Ivana Gojkovic¹, Sofija Cvejic¹, Dubravka Milutinovic¹, Ivana Dasic¹, Polina Pavicevic^{1,2}

¹University Children's Hospital Belgrade, Belgrade, Serbia, ²Faculty of Medicine, University of Belgrade, Belgrade, Serbia

100 Diagnostic accuracy of MRI and imaging characteristics of pediatric neuroendocrine tumors

Ola Alahmadi¹, dr Ahmad Al-Qatie

¹Ministry Of Health, Jeddah, Saudi Arabia

102 Ingestion of Button Battery with Severe Complications and Fatal Outcome - Case Report

Snezana Milinkovic¹, Vesna Topic¹, Nada Zlatar¹

¹Institute For Mother And Child Health Care Of Serbia "dr Vukan Cupic", Belgrade, Serbia

103 Pediatric Accessory Navicular Bone on MRI: Prevalence and Symptomatology

Dr Nazli Gulsum Akyel¹, Dr Mehmet Ali Arikan², Dr Ceyda Ceren Arikan², Dr Ercan Ayaz¹

¹Department Of Pediatric Radiology, University Of Health Sciences, Basaksehir Cam And Sakura City Hospital, Istanbul, Turkey, ²Department of Radiology, University of Health Sciences, Basaksehir Cam and Sakura City Hospital, Istanbul, Turkey

104 Abernethy Malformation and Its Diverse Clinical Presentations: Three case series

Preeyacha Pacharn¹, Dr. Varin Jaruvongvanich¹, Dr. Ramida Amornsithiwat¹

¹Siriraj Hospital, Bangkok, Thailand

105 Accuracy of out-of-hours paediatric trauma CT reporting by radiology residents in a major trauma centre

Ellen Collingwood¹, Dr Kristine Mayer¹, Dr Helen Cliffe^{1,2}, Dr Greg Chambers^{1,2}

¹Leeds Teaching Hospitals NHS Trust, Leeds, United Kingdom, ²Leeds Children's Hospital, Leeds, United Kingdom

106 Dose and image quality optimization in whole spine radiography across Children's Health Ireland: a quality improvement project

Patrick Cooper¹, Sinead Ryan¹, Jennie Cooke², Jayne O'Neill², Dr Angela Byrne²

¹Children's Health Ireland at Temple Street, Dublin, Ireland, ²Children's Health Ireland at Crumlin, Dublin, Ireland

107 Structured reporting in fetal MRI: ESPR Fetal TF recommendations

Carmelo Sofia

¹University Hospital " Gaetano Martino", Messina, Italy

108 Clinico-radiological corroborative analysis of the inferior nasal turbinate hypertrophy and its summative effect on obliteration of postnasal space with coexisting adenoid hypertrophy; using novel radiological grading methods in paediatric patients- An institutional perspective.

Sreekumar Muthiyal¹, Dr. Adham Mushtak, Dr. Omar Abunima

¹Hamad General Hospital, Doha , Qatar

109 Real-time MRI of congenital lung malformations – a comparison to chest radiography with dedicated structural and perfusion lung MRI as a reference

Christian J Kellenberger, Michael Zellner, Elias Seidl, Alexander Moeller, Ueli Moehrlen, Julia Geiger

¹University Children's Hospital Zürich, Zürich, Switzerland

110 The challenges of making accurate diagnosis in children

Supika Kritsaneephaiboon¹

¹Prince of Songkla University, Hat Yai, Thailand

111 Hypothalamic obesity following craniopharyngioma surgery; what is the role of hypothalamic inflammation?

Doga Yurddas¹, Rutger Jan Nielvelstein^{1,2}, Brigitte Bison³, Marta Fiocco⁴, Sanne Hulsmann¹, Julia Beckhaus⁵, Eelco Hoving¹, Hermann Muller⁵, Hanneke van Santen^{1,2}

¹Princess Maxima Center For Pediatric Oncology, Utrecht, The Netherlands, ²University Medical Center Utrecht/Wilhelmina Children's Hospital, Utrecht , The Netherlands, ³University Hospital Augsburg, Augsburg, Germany, ⁴Mathematical Institute, Leiden University, Leiden, The Netherlands, ⁵University Children's Hospital, Carl von Ossietzky University, Oldenburg Clinic AGR, Oldenburg, Germany

112 Optimizing Imaging Protocols for Paediatric Tuberculosis: A Regional Review of CT Utilization and status of Clinical Guidelines in the Northwest of England

Tejas Kapadia^{1,2}, Debra Harris^{1,2}, Jenny Maniyar¹, Rachel Dixon¹

¹Royal Manchester Children's Hospital, Manchester, United Kingdom, ²North West School of Radiology, Manchester, United Kingdom

113 Imaging features of pediatric fibrous angiomyomatoid histiocytoma

Cherifa Bougharka¹, Liesbeth Cardoen, Nayla Nicolas, Arnaud Gauthier, Johanna Cyrtà, Paul Freneaux, Daniel Orbach, Hervé Brisson

¹Institut Curie, Paris, France

114 Comparative Evaluation of SARS-CoV-2 Infection in Neonates and Infants: Clinical Manifestations, Immune Response, and Lung Ultrasound Assessment

Emil Robert Stoicescu¹, Professor Diana Manolescu¹, Lecturer Cerbu Simona¹, Professor Ioana Ciucă¹, Assistant Professor Roxana Stoicescu¹

¹'Victor Babes' University of Medicine and Pharmacy, Timisoara, Romania

116 A pediatric puzzle: clinical and radiological features of primary bone lymphoma

Stefan Teodorescu-Draghicescu¹, Iustin-Paul Caliman¹, Daniel Popa^{1,2}, Theodor Lutz^{2,3}

¹Universitatea de medicina si farmacie "Carol Davila", Bucharest, Romania, ²Medicover, Bucharest, Romania, ³Centrul de Radioterapie Amethyst, Bucharest, Romania

117 Association of diaphragm motility with disease severity after congenital diaphragmatic hernia using ultrasound

Stefan Appelhaus¹, Linus Frisch¹, Carlotta Sophie Carusone¹, Dr. Julia Elrod¹, Prof. Dr. Michael Böttcher¹, Prof. Dr. Meike Weis¹

¹Universitätsmedizin Mannheim, Mannheim, Germany

118 Detecting recurrence of congenital diaphragmatic hernia using ultrasound

Stefan Appelhaus¹, Carlotta Sophie Carusone¹, Linus Frisch¹, Dr. Julia Elrod¹, Prof. Dr. Michael Böttcher¹, Prof. Dr. Meike Weis¹

¹University Medical Center Mannheim, Mannheim, Germany

120 Pediatric brain abscesses as intracranial complications of ENT diseases: assessment with computed tomography and magnetic resonance imaging

Marzia Vaccaro^{1,2}, Dr. Mariasole Mazzola², Dr. Gianluca Coscia², Dr. Elisa Costantini², Prof. Sergio Salerno^{1,2}, Dr. Marcello Napolitano³, Dr. Michelangelo Baldazzi⁴, Dr. Eugenio Rossi⁵, Dr. Giuseppe Paviglianiti¹

¹Pediatric hospital Di Cristina , Palermo, Italy, ²Policlinico university hospital , Palermo, Italy, ³Vittore Buzzi Children's Hospital, Milano, Italy, ⁴Sant'Orsola-Malpighi Polyclinic, Bologna, Italy, ⁵Santobono-Pausilipon Children's Hospital, Napoli, Italy

121 Persistent hyperplastic primary vitreous: a radiologic approach on pediatric leukocoria

Ina Popescu¹

¹"Prof. Dr. Theodor Burghese" Clinical Hospital, Bucharest , Romania

122 MR lymphangiography: the preparation and scanning protocol

Willemijn Klein¹

¹Radboudumc, Nijmegen, Netherlands

123 Multi-Parametric Ultrasound for Assessing Chronic Liver Disease in Children

Vasiliki Bizimi¹

¹2nd Radiology Department, General University Hospital “Attikon”, Athens, Greece

125 The utility of the MCUG in assessing the posterior urethra in males - the experience of a tertiary paediatric referral centre.

Dr Jennifer Lee¹, Dr Paul Humphries¹, Dr Riwa Meshaka¹, Dr James Carmichael¹, Dr Tom Watson¹, Dr Giulia Perucca¹, Dr Brendan Kelly¹, Dr Naima Smeulders¹, Dr Imran Mushtaq¹

¹Great Ormond Street Hospital for Children, London, United Kingdom

126 Dual-Energy CT pulmonary perfusion in the assessment of disease severity in infants with Chronic Lung Disease of Prematurity

Jordan Rapp^{1,2}, Stephanie El Omeiri¹, Dmitry Khrichenko¹, Joice Prodigios¹, David Biko^{1,2}, Hansel Otero^{1,2}

¹Children's Hospital of Philadelphia, Philadelphia, United States, ²University of Pennsylvania, Philadelphia, United States

127 Paediatric Reverse Slipped Capital Femoral Epiphysis: A First Description

Claire Kathleen Stenson^{1,2}, Mr Darren Moloney^{1,2}, Dr Conor Brosnan^{1,2}, Dr Eilish Twomey^{1,2}, Mr Paul Connolly^{1,2}

¹Royal College of Surgeons Ireland, Dublin, Ireland, ²Childrens Health Ireland Temple Street Hospital , Dublin , Ireland

130 Lung Ultrasound: A Game-Changer in Cystic Fibrosis Management?

Daniel Mușetescu¹, Maria Octavia Musetescu¹, Diana Stănescu¹, Mariana Coman¹

¹Children's Emergency Clinical Hospital M.S. Curie, Bucharest, Romania

131 Duplex urinary tract - not as simple as it sounds

Otilia Fufezan¹

¹Emergency Children Hospital Cluj-Napoca, Cluj-Napoca, Romania

133 Dynamic Airway Imaging

R. Paul Guillerman¹

¹Cincinnati Children's Hospital Medical Center, Cincinnati, United States

134 Ultrasound in clinically doubtful cases of osteomyelitis: Trustworthy or not?

Evangelia Pitsoulaki¹, Marina Rontogianni¹, Rodanthi Sfakiotaki¹, Apostolos Kouriotis¹, Vrissiis Sarri¹, Athanasios Zamparas¹, Aikaterini Dimopoulou¹, Maria Kazakou¹, Marina Vakaki¹

¹Children's Hospital 'P.&A. Kyriakou', Athens, Greece

135 A Rare Case of a 7-Year-Old Child with a Neglected Parasitic Disease

Anna Tahmazyan¹, Arsen Shahnazrayan¹

¹Yerevan State Medical University, Yerevan, Armenia

137 Ultrasonographic insights into rhabdoid tumors of solid organs: exploring a rare entity

Dimitra Boviatsi¹, Vrissiis Sarri¹, Eleni Koutrouveli¹, Georgia Fezoulidi¹, Evangelia Pitsoulaki¹, Rodanthi Sfakiotaki¹, Marina Rontogianni¹, Maria Kazakou¹, Marina Vakaki¹

¹Children's Hospital 'P. & A.Kyriakou', Athens, Greece

138 Development of a Novel Classification System for Pulmonary Vein Stenosis: Improving Diagnosis and Clinical Management in Pediatric Patients

Aurelio Secinaro¹, Dr Giulia Manni², Paolo Ciliberti¹, Davide Curione¹, Paolo Ciancarella¹, Veronica Bordonaro¹, Carmela Napolitano¹, Teresa Santangelo¹, Mario Panebianco¹

¹Bambino Gesù Children's Hospital, IRCCS, Rome, Italy, ²Policlinico Tor Vergata University, Rome, Italy

140 Cardiovascular magnetic resonance-guided catheterization in pediatric congenital heart disease and cardiomyopathy: our single-center experience

Davide Curione¹, Paolo Ciancarella¹, Veronica Bordonaro¹, Flavia Cobianchi Bellisari¹, Teresia Pia Santangelo¹, Carmela Napolitano¹, Enrico Piccinelli², Micol Rebonato², Mara Pilati², Gianfranco Butera², Aurelio Secinaro¹

¹Advanced Cardio-Thoracic Vascular and Fetal Imaging, Bambino Gesù Pediatric Hospital, Rome, Italy, ²Interventional Cardiology, Bambino Gesù Pediatric Hospital, Rome Italy, Rome, Italy

143 Breast from birth to adulthood: all we need is ultrasound

Marina Rontogianni¹, Rodanthi Sfakiotaki¹, Vrissiis Sarri¹, Dimitra Boviatsi¹, Christina Zouridakis¹, Georgia Fezoulidi¹, Maria Kazakou¹, Anna Chountala¹, Marina Vakaki¹

¹Children's hospital of Athens "Panagiotis & Aglaia Kyriakou", Athens, Greece

144 Detection of lung nodules in children comparing FDG PET/MR, T2WI, and ZTE with CT

Joice Prodigios¹, Lisa J. States^{1,2}, Stephanie El Omeiri¹, Wondwossen Lerebo¹, Jordan B. Rapp^{1,2}

¹Children's Hospital of Philadelphia, Philadelphia, USA, ²University of Pennsylvania , Philadelphia, USA

145 New Pediatric Lung Diseases to Know

R. Paul Guillerman¹

¹Cincinnati Children's Hospital Medical Center, Cincinnati, United States

146 Pulmonary CT findings in bronchopulmonary dysplasia:

association with pulmonary vein stenosis and one-year mortality

Luis Octavio Tierradentro-Garcia¹, Stephanie El Omeiri¹, Julian Forero-Millan¹, Abass Noor¹, Ammie White¹, Jordan Rapp¹, David Biko¹, Hansel J. Otero¹

¹Department of Radiology, Children's Hospital of Philadelphia, Perelman School of Medicine, University of Pennsylvania, Philadelphia, USA

147 Navigating tiny vessels: advancing catheter-guided neuroangiography in children

Luis Octavio Tierradentro-Garcia^{1,2}, Karen Ramirez-Suarez², Mesha L. Martinez³

¹Department of Radiology, Perelman School of Medicine, University of Pennsylvania, Philadelphia, United States, ²Department of Radiology, Children's Hospital of Philadelphia, Philadelphia, United States, ³Department of Radiology, Texas Children's Hospital, Baylor College of Medicine, Austin, United States

149 Abdominoscrotal hydrocele: Ultrasound characteristics of a rare condition.

Georgia Fezoulidi¹, Anna Chountala¹, Dimitra Boviatsi¹, Eleni Koutrouveli¹, Evangelia Pitsoulaki¹, Athanasios Zamparas¹, Maria Kazakou¹, Apostolos Kouriotis¹, Marina Vakaki¹

¹General Children's Hospital Of Athens 'P & A Kyriakou', Athens, Greece

150 Pediatric Sacroiliitis with Iliopsoas Abscess and Phlegmonous Spread: The Role of MRI in Diagnosis and Management

Branislava Bogdanovic, Katarina Koprivsek, Jovan Lovrenski, Nikola Eic, Petkovic Mirjana, Svetlana Balj Barbir, Dragana Simic, Aleksandar Jelenkovic

¹Institute for Child and Youth Health Care of Vojvodina, Novi Sad, Serbia

151 Challenges in Pediatric Chest Radiography: Interpreting External Object Superimposition.

Athanasiou Zamparas¹, Eleni Koutrouveli¹, Georgios Kousoulis¹, Rodanthi Sfakiotaki¹, Anna

Chountala¹, Apostolos Kouriotis¹, Despoina Drivakou¹, Evangelia Pitsoulaki¹, Marina Vakaki¹

¹Children's Hospital "P & A. Kyriakou", Athens, Greece

153 Should skeletal survey be replaced by PET-MRI and WBMRI in Langerhans Cell Disease diagnosis and follow up?

Audena María García Kempf¹, Dr Carmen Gallego Herrero^{1,2}, Dr Ángel Lancharro Zapata^{2,3}, Lina Garcia Cañamaque², Mónica Camacho Arias², Laura Martín López², Blanca López Ibor²

¹Hospital Universitario 12 De Octubre, Madrid, Spain, ²HM Hospitales, , Spain, ³Hospital Universitario Gregorio Marañón, Madrid, Spain

154 Imaging insights into Pneumocystis Jirovecii Pneumonia in immunosuppressed children: patterns, evolution, and clinical implications

Tejas Kapadia^{1,2}, Dr Debra Harris^{1,2}, Dr Linda Stephens¹, Dr Yen June Lau¹

¹Royal Manchester Children's Hospital, Manchester, United Kingdom, ²North West School of Radiology, Manchester, United Kingdom

155 Sonographic monitoring of bacterial meningitis evolution in a premature infant

Evangelia Manopoulou¹, George Oikonomoulas, Loukia Tzarouchi, George Mavrogeorgos, Georgia Papaioannou

¹Mitera Children's Hospital, Athens, Greece

157 Infant bones: anatomic variants and considerations

Maria Raissaki¹

¹University Hospital Of Heraklion, Heraklion, Greece

159 Update on Imaging in JIA

Sílvia Costa Dias^{1,2}

¹Faculty of Medicine of the University of Porto , Porto, Portugal, ²Radiology Department University Hospital Center of São João, Porto, Portugal

160 Scoliosis in children – could it be an easy diagnosis?

Dana Maria Georgescu¹, Ms Oana Elena Pencea¹, Ms Mariana Coman¹

¹Marie Curie Emergency Children's Hospital, Bucharest, Romania

161 Main Determinants of Tracheal Stenosis in Patients with Double Aortic Arch

Teresa Santangelo¹, Paolo Ciliberti¹, Flavia Cobianchi Bellisari¹, Davide Curione¹, Cosimo Marco Campanale¹, Alessandra Toscano¹, Aurelio Secinaro¹

¹Bambino Gesù Children's Hospital, Rome, Italy

162 Increased bone marrow signal on T2 weighted sequences in whole body MRI of healthy children: change over time.

Torgrim Lysen Skjaker^{1,2}, Mr. Martin Mowinckel Keyser Haub^{3,4}, Ms. Pia Karin Zadig^{1,2}, Dr. Elisabeth von Brandis^{3,4}, Dr. Lil-Sofie Ording Müller^{3,4}, Prof. Dr. Karen Rosendahl^{1,2}, Dr. Derk F. M. Avenarius^{1,2}

¹Department of Radiology, University Hospital of North Norway, Tromsø, Norway, ²Department of Clinical Medicine, UiT, The Arctic University of Norway, Tromsø, Norway, ³Division of Radiology and Nuclear Medicine, Oslo University Hospital, Oslo, Norway, ⁴Faculty of Medicine, Institute of Clinical Medicine, University of Oslo, Oslo, Norway

164 Comparison of MRI and CEUS in the assessment of synovitis in children with JIA and knee involvement. Reliability of the methods

Sílvia Costa Dias^{1,2}, Catarina Costa Ferreira², Inês Santos³, Miguel Castro², Mariana Rodrigues⁴, Francisca Aguiar⁴, Claudia Dias¹, Vítor Silva², Iva Brito¹, Damjana Ključevšek⁵, Karen Rosendahl⁶

¹Faculty of Medicine of the University of Porto, Porto, Portugal, ²Radiology Department, University Hospital Center of São João, Porto, Portugal, ³Rheumatology Unit, Unidade Local Saúde Viseu, Dão-Lafões, Viseu, Portugal, ⁴Paediatric and young adult Rheumatology Unit, University Hospital Center of São João, Porto, Portugal, ⁵Department of Radiology, University Children's Hospital, Ljubljana, Slovenia, ⁶Department of Clinical Medicine, Faculty of Health Sciences, UiT the Arctic University of Norway, Tromsø, Norway

165 Ultrasound Exploration of the Lumbosacral Region: Beyond the Surface

Maria Kazakou¹, Rodanthi Sfakiotaki¹, Dimitra Boviatsi¹, Eleni Koutrouveli¹, Vrisiis Sarri¹, Athanasios Zamparas¹, Georgios Kousoulis¹, Georgia Fezoulidi¹, Marina Vakaki¹

¹"P & A. Kyriakou" Children's Hospital, Athens, Athens, Greece

167 A Glimpse into Pediatric Neuro-Radiology: Acute Disseminated Encephalomyelitis in a 7-Year-Old with Favorable Outcome

Iustin-Paul Caliman^{1,3}, Stefan F Teodorescu-Draghicesu^{1,3}, Cosmin Adrian³

¹University of Medicine and Pharmacy "Carol Davila", Bucharest, Romania, ²Emergency Clinical Hospital, Floreasca, Bucharest pediatric hospital, "Dr. Vicot Gomoiu, Bucharest, Romania, ³Clinical pediatric hospital, "Dr. Vicot Gomoiu, Bucharest, Romania

168 Differential Diagnosis of Liver Masses in Early Childhood: a Brief Review

Maria Stoenica¹, Carmen Grigore¹, Mihai Schiopu¹, Carmen Otelea¹

¹Spitalul Clinic De Copii Brasov, BRASOV, Romania

169 Unveiling an Unexpected Diagnosis: A Pediatric Case of Esophageal Leiomyomatosis

Laura-Diana Ghindeanu¹, Mariana Coman, Ana-Maria Hodea, Laura Balanescu, Carmen-Cristina Olteanu

¹Clinical Emergency Hospital For Children "Grigore Alexandrescu", Bucharest, Romania

171 Comparative Assessment of the Insall–Salvati Index using X-ray, US, and MRI in children

Catarina Costa Ferreira¹, Sílvia Costa Dias^{1,2}, Inês Santos³, Guilherme Afonso¹, António Mesquita¹, Eduardo Negrão¹, Vítor Silva¹, Ana Catarina Silva^{1,2}, Ivo Brito², Karen Rosendahl⁴

¹Radiology Department, University Hospital Center of São João, Porto, Portugal, ²Department of Medicine, Faculty of Medicine of the University of Porto, Porto, Portugal, ³Rheumatology Unit, Unidade Local Saúde Viseu, Dão-Lafões, Viseu, Portugal, ⁴Faculty of Health Sciences, UiT the Arctic University of Norway, Tromso, Norway

172 Urethral visualization on voiding urography: insights on VCUG and ceVUS

Taisa Guarilha¹, Tatiana Morales-Tisnés¹, Mohammed Elsingery¹, Mohannad Elgamal¹, Stephanie El Olmeiri¹, Stephanie Rivera¹, Hansel Otero¹, Susan Back¹

¹Children's Hospital Of Philadelphia, Philadelphia, United States

173 Ultrasound patterns of Mycoplasma Pneumoniae pneumonia in children: a multicentre study in the post-COVID-19 pandemic era

Mariantonietta Francavilla¹, Ms Azzurra Orlandi¹, Mr Roberto Russo¹, Mr Antonello Sacco¹, Ms Claudia Rossini¹, Mr Claudio Cafagno¹, Ms Celeste Lidia Raguseo¹, Mr Danilo Buonsenso², Ms Desiree Caselli¹, Mr Giandomenico Stellacci¹

¹Giovanni XXIII Pediatric Hospital, Bari, Italy, ²Gemelli University Hospital, Roma, Italy

174 Snap, Crackle, and Skull: unmasking the imaging clues of aggressive paediatric skull base lesions

Tejas Kapadia^{1,2}, Dr Edward Wigmore¹

¹Royal Manchester Children's Hospital, Manchester, United Kingdom, ²North West School of Radiology, Manchester, United Kingdom

177 Pinworms in appendix ultrasound; an unexpected stranger

Eleni Manoli¹, Kondylo Miliakou¹, Ioanna Giannakopoulou¹

¹Athens Medical Center, Marousi, Greece

178 Scurvy (hypovitaminosis C): old disease and new lessons from MR signs. A single center case series

Dr Angelica Bosco¹, Dr Fabio Panzuto², Dr Marzia Vaccaro^{1,2}, Professor Sergio Salerno^{1,2}

¹Department of Biomedicine, Neuroscience and Advanced Diagnostics (BiND), University of Palermo, Palermo, Italy, Palermo, Italy, ²UOC Radiologia Pediatrica Ospedale Di Cristina ARNAS Civico, Palermo, Italy

179 Comparison of Gray-Blood and White-Blood Late Myocardial Enhancement in Pediatric Cardiac MRI: An Interobserver Agreement Study

Mehmet Kadioglu¹, Muhammed Faruk Kazanbas¹, Berk Tutuncuoglu¹, Tuba Banaz¹, Ali Fuat Tekin¹, Zeki Can Beyoglu¹, Yigit Can Kartal¹, Sercin Ozkok¹

¹Basaksehir Cam and Sakura City Hospital Department of Radiology , Başakşehir, Turkey

182 Distinguishing Viral from Bacterial Pneumonia in Children: The Diagnostic Value of Lung Ultrasound—A Prospective Observational Study

Emil Robert Stoicescu¹, Professor Diana Manolescu¹, Professor Ioana Ciucă¹, Lecturer Simona Cerbu¹, Assist. Prof. Dr. Roxana Stoicescu¹

¹Victor Babes University of Medicine and Pharmacy, Timisoara, Romania

183 Utilization of radiologist assistants in academic medicine

Jason Lee¹

¹Johns Hopkins Medicine, Baltimore, United States

184 Generalising a paediatric wrist fracture artificial intelligence model to a novel dataset

Cato Pauling¹, Emma Allan², Emily Ashworth², Owen Arthurs², Susan Shelmerdine²

¹UCL, London, United Kingdom, ²Great Ormond Street Hospital, London, United Kingdom

185 Cardiac MRI in Aortic Coarctation: Integrating 3D Printing, Computational Fluid Dynamics, and Patient-Specific Surgical Planning

Sercin Ozkok¹, 2 Kevser Banu Kose², 3 Ilker Kemal Yucel³

¹Basaksehir Cam and Sakura City Hospital Department of Radiology , Basaksehir, Türkiye, ²Medipol University Department of Biomedical Engineering, , Türkiye, ³istanbul University-Cerrahpasa, Cerrahpasa Medical Faculty, Department of Pediatric Cardiology, Istanbul, Türkiye

186 The spectrum of temporal bone CT and MRI findings in children with syndromic causes of hearing loss

Cigdem Oztunali¹

¹Eskişehir Osmangazi University Department Of Radiology Division Of Pediatric Radiology, Eskişehir, Turkey

187 Cardiac MRI in Postoperative Tetralogy of Fallot: More than Valve Indication and Dysfunction – Integrating Advanced Imaging, Patient-Specific 3D Modeling, and Computational Fluid Dynamics

Sercin Ozkok¹, Kevser Banu Kose², Ilker Kemal Yucel³

¹Basaksehir Cam and Sakura City Hospital, Istanbul, Turkey, ²Medipol University Department of Biomedical Engineering, Istanbul, Türkiye, ³istanbul University-Cerrahpasa, Cerrahpasa Medical Faculty, Department of Pediatric Cardiology, Istanbul, Türkiye

189 New Reference Standards for Ankle Ultrasound

Marina Vakaki

¹Children's Hospital "P&A.Kyriakou", Athens, Greece

190 Is there a role for fetal cardiac magnetic resonance imaging in the assessment of congenital heart disease?

Aurelio Secinaro², Federica Ullo¹, Sara Savelli², Davide Curione², Stefano Bascetta², Chiara Carducci², Caterina Galzerano³

¹University of Turin, Turin, Italy, ²Bambino Gesù Children Hospital, IRCCS, Rome, Italy, ³University of Ferrara, Ferrara, Italy

191 A Review of the Diagnostic Yield and Clinical Appropriateness of Intravenous Iodinated Contrast for First CT Thorax Investigation for Children in a Tertiary Referral Centre.

Dr. Maha Al-Khattab¹, Jane Burns², Dr. Anne G Carroll³

¹Galway University Hospital, Galway, Ireland, ²Mater Misericordiae University Hospital, Dublin, Ireland, ³Childrens Health Ireland at Temple Street, Dublin, Ireland

193 Assessing Congenital Lung Malformations: The Role of Prenatal Ultrasound and MRI – A Single-Center Experience

Guglielmo Conti^{1,2}, Dr. Giulia Gnocchi^{1,2}, Dr. Francesco Rizzetto², Dr. Alessandro Campari¹, Dr. Alice Marianna Munari¹, Dr. Salvatore Zirpoli¹

¹Ospedale dei Bambini Vittore Buzzi, Milan, Italy, ²Università degli studi di Milano, Milan, Italy

194 Hermansky-Pudlak Syndrome Type 2: A Case Report of a rare form of Childhood Interstitial Lung Disease and Literature Review.

Guglielmo Conti^{1,2}, Marie Baque-juston¹, Béatrice Leloutre¹, Marco Albertario¹, Sarah Nahmani¹

¹Hôpitaux Pédiatriques De Nice Chu-lenal, Nice, France, ²Università degli studi di Milano, Milano, Italy

195 Pediatric Rhabdomyosarcoma: A Pictorial Review of Imaging features

Evangelos Mourtos¹, Jan Svoboda¹, Ola Kvist^{2,3}, Sandra Diaz Ruiz^{1,2}

¹Dept of Pediatric Radiology, Karolinska University Hospital, Stockholm, Sweden, ²Department of Women's and Children's Health, Karolinska Institute, , Stockholm, Sweden, ³Department of Radiology, Columbia University Irvine Medical Center, New York, USA

198 Pediatric CT – the prerequisites

Mrs Carmen Asavoae, Mrs Otilia Fufezan, Ms Cristina Ceban, Mr Vlad Bura, Mrs Roxana Popa-Stănilă

¹Pediatric Emergency Hospital, Cluj-Napoca, Romania, CLUJ, Romania

199 An Educational Review of Common Paediatric Central Nervous System Tumours

Jane Burns¹

¹Mater Misericordiae University Hospital, Dublin, Ireland

200 Ultrasound as a navigator to hyperechoic liver lesions in children

Vrissis Sarri¹, Eleni Koutrouveli¹, Marina Rontogianni¹, Georgios Kousoulis¹, Georgia Fezoulidi¹, Evangelia Pitsoulaki¹, Apostolos Kouriotis¹, Christina Zouridaki¹, Marina Vakaki¹

¹Children's Hospital "P. & A. Kyriakou", Athens, Greece, Athens, Greece

201 Subpial hemorrhage in infants with underlying high-flow vascular malformations

Luis Octavio Tierradentro-Garcia¹, Mesha L. Martinez²

¹Department of Radiology, Children's Hospital of Philadelphia, Perelman School of Medicine, University of Pennsylvania, Philadelphia, United States, ²Department of Radiology, Texas Children's Hospital, Baylor College of Medicine, Austin, USA

202 Omphalomesenteric Duct Anomalies in Children

Madalina Ianc-Titei¹, MD Otilia Fufezan

¹The Clinical Emergency Hospital For Children Cluj-Napoca, Cluj-Napoca, Romania

203 A rare variant of accessory hemiazygos vein as an incidental finding on CT scan

Anna Papadopoulou¹, Dr Milena Tomovic¹, Mrs Maria Sidiropoulou¹, Mrs Androniki Gkana¹, Mrs Athanasia Anastasiou¹

¹Department of Radiology, General Hospital of Thessaloniki "HIPPOKRATIO", Thessaloniki, Greece

204 Ultrasonography in inflammatory bowel disease: where are we now?

Ms. Marina Karagiannaki¹, Andreas Karakousis², Mrs. Sofia Papaioannou³

¹Papageorgiou General Hospital, Thessaloniki, Greece, ²Papageorgiou General Hospital, Thessaloniki, Greece, ³Papageorgiou General Hospital, Thessaloniki, Greece

205 The Growing Role of Lung Ultrasound in Pediatric Pneumonia: A Radiation-Free Diagnostic Tool

Gabriela Crucita Pop¹, Dana Nedelcu²

¹Bucharest Emergency Clinical Hospital, Bucharest, Romania, ²Ponderas Hospital, Bucharest, Romania

206 Secretin-enhanced MRCP in paediatric biliopancreatic pathology: quantification of pancreatic exocrine function

Giulia Gnocchi¹, Gianluca Folco¹, Marta Pongiglione¹, Francesca Rizzo¹, Elena Arkangelskaia¹, Luca Basso¹, Mr. Edoardo Minetti³, Caterina Beatrice Monti², Maria Beatrice Damasio¹

¹IRCCS Children's Hospital Giannina Gaslini, Genoa, Italy, ²University of Milan, Milan, Italy,

³University of Genoa, Genoa, Italy

207 Malrotation, midgut volvulus and ileal atresia in a single patient

Anna Papadopoulou¹, Maria Sidiropoulou¹, Ioannis Koutras¹, Ekaterini Tzatzaroudi², Georgios Papouis², Athanasia Anastasiou¹

¹Department of Radiology, General Hospital of Thessaloniki "HIPPOKRATIO", Thessaloniki, Greece,

²Department of Paediatric Surgery, General Hospital of Thessaloniki "HIPPOKRATIO", Thessaloniki, Greece

208 Magnetic Resonance Enterography. Building and optimizing an exam protocol: A single institution experience over 10 years and literature review.

Ms. Marina Karagiannaki¹, Andreas Karakousis¹, Mrs. Sofia Papaioannou¹

¹Papageorgiou General Hospital, Thessaloniki, Greece

209 Voluminous Benign Liver Lesions in Pediatrics: Key Features and Differential Diagnosis

Maria Vizitiu¹, Vlad Rakoczy¹, Costin Stroie¹, Cristian Georgescu¹, Cristina Gheorghisor¹

¹Emergency Hospital for Children „Grigore Alexandrescu”, BUCURESTI, Romania

211 A case of “wandering spleen” in an adolescent girl with recurrent episodes of abdominal pain over the last 2 years

Anna Papadopoulou¹, Maria Sidiropoulou Sidiropoulou¹, Georgios Sapouridis¹, Georgios Papouis², Athanasia Anastasiou¹

¹Department of Radiology, General Hospital of Thessaloniki "HIPPOKRATIO", Thessaloniki, Greece,

²Department of Paediatric Surgery, General Hospital of Thessaloniki "HIPPOKRATIO", Thessaloniki, Greece

212 A „Vice versa” cardiac malformation: situs inversus with laevocardia, atrio-ventricular with ventriculo-arterial discordances and cono-truncal anomaly

Maria Vizitiu¹, Maria-Evelyn Kecskes¹, Ana-Maria Hodea¹, Radu-George Nicolaescu¹, Carmen-Cristina Olteanu¹

¹Emergency Hospital for Children „Grigore Alexandrescu”, BUCURESTI, Romania

213 Focal Nodular Hyperplasia: A Closer Look at Atypical Presentations

Maria Vizitiu¹, Vlad Rakoczy¹, Marius Diaconu¹, Adrian Margarit¹, Mariana Coman¹

¹Emergency Hospital for Children Grigore Alexandrescu, BUCUREŞTI, Romania

215 To give or not to give contrast: a clinician's or radiologist's decision?

Marcus Otavio Silva de Campos Meneses¹, Joice Prodigios¹, Taisa Guarilha¹, Marcy Hutchinson¹, Erin Schwartz^{1,2}, Sudha Anupindi^{1,2}, Valerie Rigby¹, Summer Kaplan^{1,2}, Lorennna L. Moreira Vidal^{1,2}

¹Children's Hospital of Philadelphia, Philadelphia, United States of America, ²Perelman School of Medicine, University of Pennsylvania, Philadelphia, United States of America

216 Bowel Wall Thickening in Pediatric Patients: Etiology and Ultrasound Findings

Narcisa Munteanu, Ibrahim Ghosn, Otilia Fufezan

¹Clinical Emergency Hospital for Children , Cluj Napoca, Romania, ²Louis Mourier Hospital, Colombes, France

217 Ultrasonographic evaluation of the median nerve area and coxofemoral joint capsule thickness – possible indicators of ERT efficiency in peripheral nervous system and musculoskeletal manifestations of mucopolysaccharidoses I, II and IV

Carmen Asavoaei¹, Mrs Alexandra Mardare², Mrs Otilia Fufezan^{1,3}, Mrs Mihaela Coşarcă¹, Ms Adina Andrei¹, Ms Ioana Filimon¹, Mrs Simona Bucerzan^{1,4}, Mrs Camelia Alkhzouz^{1,4}

¹Emergency Children Hospital, CLUJ, Romania, ²Grigore Alexandrescu Emergency Children Hospital, Bucharest, Romania, ³Romanian Society of Pediatric Radiology, , Romania, ⁴Iuliu Hatieganu University of Medicine and Pharmacy, Cluj-Napoca, Romania

218 Neuroimaging insights into pediatric motor impairment

Corina Banu¹

¹Arcadia Medical Center, Iasi, Romania

219 Unraveling appendiceal mucocele: imaging insights and differential diagnosis

Anca Ioana Anghel¹, Bianca Sandu¹, Mariana Coman¹

¹Emergency Clinical Hospital for Children "Grigore Alexandrescu", Bucharest , Romania

220 Relationship Between Septal/Free Wall Angle Ratio and Cardiac MRI Parameters in Postoperative Tetralogy of Fallot Patients

Mehmet Kadioglu¹, Tuba Banaz¹, Berk Tutuncuoglu¹, Muhammed Faruk Kazanbas¹, Zeki Can Beyoglu¹, Kevser Banu Kose², Sercin Ozkok¹

¹Basaksehir Cam and Sakura City Hospital Department of Radiology, Istanbul, Turkey, ²Medipol Univeristy Department of Biomedical Engineering, Istanbul, Türkiye

221 Imaging uterine anomalies – from pediatric patients to clinical implications in adult life – a case-based review

Vlad Bura^{1,2}, Madalina-Maria Ianc-Titei¹, Carmen-Ana Asavoaei¹, Cristina Ceban¹, Dr. Otilia-Maria Fufezan¹, Sue Freeman^{1,2}

¹Emergency Clinical Hospital for Children Cluj-Napoca, CLUJ, Romania, ²Addenbrooke's Hospital, Cambridge, United Kingdom

222 Enhancing fracture and elbow joint effusion detection in pediatric X-rays using AI : a multi-reader multicentric study

Alexandre Parpaleix¹, Jonathan Zember², Ramon Sanchez-Jacob², Stephen Henesch³

¹Milvue, Paris, France, ²Children's National Hospital, Washington, United States, ³Mount Sinai South Nassau, Oceanside, United States

223 Cumulative Dose Exposure and radiation protection in children with chronic conditions

Mariantonietta Francavilla¹

¹Giovanni XXIII Pediatric Hospital, Bari, Italy

224 Shear Wave Elastography in pediatric cervical lymph nodes. How much is too much? Preliminary results for a quantification tool

Andrea Veronica Gonzalez Cammareri¹, Barbara Salas Flores, Enrique Ladera González, Paulino Sousa Cacheiro, Cristina Barroso Ramos, Emili Inarejos Clemente, Ignacio Barber Martínez de la Torre

¹Hospital Sant Joan De Deu, Barcelona , Spain

225 Evaluation of Renal Function in Children with Congenital Anomalies: Ultrasound Perspectives in Correlation with Scintigraphy and GFR

Emil Robert Stoicescu¹, Assist. Prof. Dr. Roxana Stoicescu¹

¹Victor Babes University of Medicine and Pharmacy, Timisoara, Romania

226 Diagnostic Challenges in Pediatric Interventional Pulmonology: From Suspected Tumor to Confirmed Tuberculosis

Emil Robert Stoicescu¹, Assist. Prof. Dr. Roxana Stoicescu¹, Assist. Prof. Dr. Amalia Constantinescu¹

¹Victor Babes University of Medicine and Pharmacy, Timisoara, Romania

227 Dramatic entrance and clean exit: the variable neuro-imaging presentations of MOG-AD in children

Tejas Kapadia^{1,2}, Dr Sparsh Prasher^{1,2}

¹Royal Manchester Children's Hospital, Manchester, United Kingdom, ²North-West school of Radiology, Manchester, United Kingdom

228 A case of misdiagnosed cortical tubers

Neal Shukla¹, Dr. Joseph Kim, Dr. Matthew Hammer, Ramtin Hajibeygi, Dr. Long Tu

¹Yale School Of Medicine, New Haven, United States

229 A Rare Case of Askin Tumor

Neal Shukla¹, Dr. Joseph Kim, Dr Matthew Hammer, Ramtin Hajibeygi², Richard Lozano, Dr Long Tu¹, Dr Balaji Rao

¹Yale School Of Medicine, New Haven, United States, ²Tehran University of Medical Sciences, Tehran, Iran

230 Neuroblastoma in Disguise: Atypical presentations and unusual patterns

Dr Edward Wigmore¹, Dr Linda Stephens¹, Dr Jonathan Bevan¹, Dr Vivian Tang^{1,2}, Dr Sean Booth¹, Tejas Kapadia^{1,2}

¹Royal Manchester Children's Hospital, Manchester, United Kingdom, ²North-West school of Radiology, Manchester, United Kingdom

231 Vein of Galen Malformation: A Case Illustrating Imaging Features and Potential Complications

Neal Shukla¹, Dr Matthew Hammer¹, Dr Joseph Kim¹, Dr Long Tu¹, Dr. Balaji Rao¹

¹Yale School Of Medicine, New Haven, United States

232 Intralobar Pulmonary Sequestration: A Case Report with Imaging and Differential Considerations

Neal Shukla¹, Dr Matthew Hammer¹, Dr Joseph Kim¹, Dr Long Tu¹, Dr Balaji Rao¹

¹Yale School Of Medicine, New Haven, United States

233 Imaging disorder of sexual development - a case based approach

Carmen Asavoae^{1,2}, Dr Otilia Fufezan^{1,2}, Mrs Mihaela Cosarca¹, Ms Adina Andrei¹, Mr Vlad Bura¹, Ms Ioana Filimon¹, Mrs Roxana Popa-Stanila^{1,3}, Ms Cristina Ceban¹, Mrs Camelia Alkhzouz^{1,3}

¹Emergency Children Hospital, CLUJ, Romania, ²Society of Pediatric Radiology, Bucharest, Romania,

³Iuliu Hatieganu University of Medicine and Pharmacy, Cluj-Napoca, Romania

234 Can a ruptured testis be saved? A case study in an adolescent patient.

Zafeiria Papathanassiou¹, Mrs Kiriaki Zikou¹, Mrs Konstantina Michalopoulou¹, Mr Vasileios Alexopoulos¹, Mr Antonios Panagidis¹

¹Karamandaneion Children Hospital, Patras, Greece

235 Transition to Adulthood and Hypophosphatemic Rickets: Radiological Findings and Strategies (32 Years of Hospital Experience)

Dr. Monica Galeano¹, Dr. Carolina Gonseski¹, Dr. Maria Clara Anoni¹, Dr. Paola Sanchez Salinas¹, Dr. Gisela Viterbo¹, Dr. Mariana Del Pino¹

¹Garrahan Hospital, Buenos Aires , Argentina

236 Two unique pediatric cases of intestinal duplication cysts complicated with intussusception: challenges in imaging and therapeutic intervention

Zafeiria Papathanassiou¹, Mrs Kiriaki Zikou¹, Ms Anastasia Vareli¹, Mr Konstantinos Zachos¹, Mr Vasileios Alexopoulos¹, Mr Antonios Panagidis¹

¹Karamandaneion Children Hospital, Patras, Greece

237 Bone age assessed in a pilot study using Greulich and Pyle atlas and Hernandez, Sanchez, Sobradillo and Rincon atlas in children with achondroplasia is delayed

Michał M Skoczylas¹, Wiktoria Wróbel¹, Joanna Sekita-Krzak¹, Marek Lew¹, Andrzej Materniak¹, Tomasz Okliński¹, Jacek Bogucki¹, Magdalena Woźniak¹, Iwona Beń-Skowronek¹

¹Department of Basic Medical Sciences, The John Paul II Catholic University of Lublin, Lublin, Poland, Lublin, Poland

239 Prenatal ultrasound versus postmortem MRI

Willemijn Klein¹

¹Radboudumc, Nijmegen, Netherlands

240 Artificial Intelligence-based assessment of malignant Thyroid Imaging and Reporting Data System (TI-RADS) features in Pediatric Ultrasound

Mario Sinti Ycochea¹, Vahid Khalkhal¹, Dana Alkhulaifat¹, Michael Welsh¹, Mya Bojarsky¹, Amber Isaza¹, Susan Sotardi¹, Andrew Bauer¹

¹Children's Hospital Of Philadelphia, Philadelphia, United States

242 Developing a paediatric IR service in the new Hong Kong Children's Hospital

Elaine Kan¹

¹Department of Radiology, Hong Kong Children's Hospital, Hong Kong, Hong Kong

243 How to get involved in research

Ian Simcock^{1,2}

¹Great Ormond Street Hospital For Children NHS Foundation Trust, London, United Kingdom, ²UCL Great Ormond Street Institute of Child Health, Great Ormond Street Hospital for Children, London, UK

244 Fetal Imaging: a wonderful experience

Marie Cassart¹, Dr Catherine Garel²

¹Iris South Hospitals and CHU St Pierre, Brussels , Belgium , ²Children Hospital Armand-Trousseau and Ichilov Hospital, Paris / Tel-Aviv, France / Israel

245 Let's travel again around the world in 80 challenging cases- AOSPR

Winnie Chu¹

¹The Chinese University of Hong Kong, Hong Kong, China

246 Patient-Centred Care in Paediatric Radiography: Enhancing Quality and Experience

Jennifer Grehan¹

¹Section of Radiography and Diagnostic Imaging, School of Medicine, University College Dublin, Dublin, Ireland

247 Developing and using an AI tool in clinical practice (FMRU)

Giulia Gnocchi

248 Neuroinflammatory and Demyelinating Disorders in children: demystifying, review and updating with a focus on MOGAD.

Jessie Aw-zoretic

249 Communication with children and parents

Clare Marie Simcock

250 Minimising the need for GA or sedation

Clare Marie Simcock

251 Interpreting Regional Thalamic Signal Abnormality in Term Perinatal Hypoxic Ischemic Injury: considering secondary injury using delayed MRI scans

Savvas Andronikou¹, Dr. Shyam Sunder B. Venkatakrishna¹, Prof Christelle Ackermann¹, Mrs. Jelena Curic¹, Dr. Andtreia Zouvani¹, Dr. Luis Octavio Tierradentro-Garcia¹

¹Children's Hospital Of Philadelphia, , Greece

252 Sphenoid base anatomy: a timeline for visualizing normal synchondroses and foramina

Savvas Andronikou¹, Dr. Carmen Rosa Cerron-Vela¹, Dr. Amirreza Manteghinejad¹, Dr. Marcus Otavio Silva De Campos Meneses¹, Dr. Luis Octavio Tierradentro-Garcia¹, Dr. Austin Moats¹

¹Children's Hospital of Philadelphia, University of Pennsylvania, , Greece

253 Bronchopulmonary Pulmblastoma (PPB). Radiological and Pathological Diagnosis

Franz Wolfgang Hirsch¹, Maximilian von Laffert²

¹University Leipzig, Department of Pediatric Radiology, Germany, ²University Leipzig, Institut of Pathology, Germany

254 Point-of-care ultrasound (POCUS) for fractures in children

Céline Habre

¹Children's Hospital, University Hospital of Geneva, Switzerland, Geneva, Switzerland

255 Biliary complications after liver transplantation in children

Lucía Fernández Rodríguez¹

¹La Paz University Hospital, Madrid, Spain

256 What are "Doses" really measuring?

Bogdan-Stefan Olteanu¹

¹"Carol Davila" University of Medicine and Pharmacy, BUCUREŞTI, Romania

257 Radiation dose optimisation and the use of DRLs

Bogdan-Stefan Olteanu¹

¹"Carol Davila" University of Medicine and Pharmacy, BUCUREŞTI, Romania

258 Implementation and use of clinical decision support systems in paediatric radiology

Bogdan-Stefan Olteanu¹

¹"Carol Davila" University of Medicine and Pharmacy, BUCUREŞTI, Romania

259 Non-invasive diagnosis imaging of portal hypertension and diagnosis algorithm

Julian Juergens¹

¹University Hospital Hamburg-Eppendorf, Hamburg, Germany

260 Contrast agent application in pediatric CT scans

Jutta Maria Lorenz¹

¹Univ.klinikum Graz Klinische Abteilung Für Kinderradiologie, Graz, Austria

261 How models are trained - why AI won't take over my job!

Brendan Kelly¹

¹Great Ormond Street, London, United Kingdom

262 Cochlear Implantation: Imaging considerations

Maura Ryan¹

¹Lurie Children's Hospital, Chicago, United States

263 Surgery for lung metastases and the role of new imaging modalities

Alessandro Crocoli¹

¹Surgical Oncology Unit - Ospedale Pediatrico Bambino Gesù, Rome, Italy

264 Why paediatric specific AI tools are needed : the evidence

Lene Laborie¹

¹Mohn Medical Imaging and Visualization Centre, Department of Radiology, Haukeland University Hospital, Bergen, Norway, Bergen, Norway

265 Considering the risks of CT radiation versus the risks of sedation for MRI in infants and children

Michael Callahan¹

¹Boston Children's Hospital, Boston, United States

266 Ultrasonographic evaluation of superficial lumps, bumps and hernias in infants and children

Michael Callahan¹

¹Boston Children's Hospital, Boston, United States

267 Inflammatory bowel disease in children: clinical perspective

Matjaz Homan¹

¹University Children's Hospital, University of Ljubljana, Faculty of Medicine , Ljubljana, Slovenia

268 CT Radiation Exposure over the years

Erich Sorantin²

¹Div.of Pediatric Radiology. Dep.of Radiology, Medical University Graz, Graz, Austria, ²LKH Amstetten, Amstetten, Austria

269 Implementation and use of Diagnostic Reference Levels as a tool for optimization in paediatric radiology

Rutger A.J. Nievelstein¹

¹UMC Utrecht/Wilhelmina Children's Hospital, Utrecht, Netherlands

270 CT Dose Optimization- how to achieve with simple tricks

Birgit Oppelt¹

¹Univ.Klinik for Radiology, Department for pediatric radiology, , Austria

271 My PhD Journey: Challenges Faced, Insights Gained

Diana Veiga-canuto¹

¹The Hospital For Sick Children - Toronto, Canada, Toronto, Canada

272 Driving AI Forwards as a Junior Paediatric Radiologist – Experiences and Lessons Learnt

Diana Veiga-canuto¹

¹The Hospital For Sick Children - Toronto, Canada, Toronto, Canada

273 Bowel ultrasound in inflammatory bowel disease from basic to new ultrasound techniques

Damjana Ključevšek¹

¹University Children's Hospital, University Medical Centre Ljubljana, Ljubljana, Slovenia

274 Neonate and infant with common neurometabolic disorders: a guide to the differential diagnosis

Alexis Ollitrault^{1,2}, Dr Charles-Joris Roux¹, Dr Raphaël Lévy¹, Dr Volodia Dangouloff-Ros^{1,2}, Pr Nathalie Boddaert^{1,2}

¹Hôpital Necker-Enfants Malades - Assistance Publique Hôpitaux de Paris, Paris, France, ²Université Paris Cité, Paris, France

275 Differences Adults vs. Children in CT

Andreea Ciornei-Hoffman¹

¹Medical University Of Graz, Graz, Austria

276 Imaging and identification of suspicious nodules and how to discriminate between benign lung nodules

Annemieke Littooij¹

¹UMCU, Utrecht, Netherlands

277 DWI pitfalls in oncology

Annemieke Littooij¹

¹UMCU, Utrecht, Netherlands

278 The Fetal Imaging Challenge

Eléonore Blondiaux¹, Pr Marie Cassart

¹Radiology Department, Hôpital Trousseau, APHP Sorbonne Université, Paris, France

279 "Practical approach to Grey Matter Heterotopia: how to describe it, how to interpret it. "

Felice D'Arco¹

¹Gosh, LONDON, United Kingdom

280 Inner ear anatomy: the normal and the abnormal

Felice D'Arco¹

¹Gosh, LONDON, United Kingdom

281 When medical and endoscopic management fails, radiological or surgical treatment becomes necessary.

Stéphanie Franchi-Abella¹

¹APHP Hopital Bicetre, Le Kremlin-bicêtre, France

282 How to Start a Research Career in Paediatric Radiology: Lessons Learned

Ola Kvist^{1,2}, Ione Limantoro³

¹Columbia University, New York, United States, ²Karolinska Institutet, Stockholm, Sverige

³University Hospital of Leuven, Belgium

283 NODOK procedure & findings (Dutch, unexpected unexplained death of children 1 month to 18 yrs)

Annelotte Pries¹,

¹Erasmus Mc Sophia, Rotterdam, Netherlands

References:

1. Pries AM, Ruskamp JM, Edelenbos E, Fuijkschot J, Semmekrot B, Verbruggen KT, van de Putte E, Puiman PJ. A Systematic Approach to Evaluate Sudden Unexplained Death in Children. *J Pediatr.* 2024 Jan;264:113780.
2. Pries AM, van der Gugten AC, Moll HA, Klein WM; PESUDIC Collaborative; Fuijkschot J, Puiman PJ. Postmortem diagnostics in sudden unexpected death in infants and children: use and utility. *Eur J Pediatr.* 2025 Mar 5;184(3):223.

284 Ana Filipa	Geraldo	Stanford University	Palo Alto	USA
285 Andrade	Popescu	Lurie Children's Hospital Of Chicago	Chicago	USA
286 Andrea	Rossi	Irccts Istituto Giannina Gaslini	Genoa	Italy
287 Andrés	García-Bayce	Centro Hospitalario Pereira Rossell	Montevideo	Uruguay
288 Aurélie	D'Hondt	Sickkids	Toronto	Canada
289 Catherine	Garel	Ichilov Hospital	Tel Aviv	Israel
290 Chris	Callaghan	Guy's Hospital, London	London	UK
291 Clarissa	Valle	Papa Giovanni XXIII Hospital	Bergamo	Italy
292 Damien	Grattan-smith	Paladin Pediatric Radiology	Atlanta	USA
293 David	Biko	Children's Hospital Of Philadelphia	Philadelphia	USA
294 Denise	Cochrane	Great Ormond Street Hospital for Children	London	UK
295 Enrico	De Vita	Great Ormond Street Hospital For Children	London	UK
296 Flavio	Zuccarino	Hospital Sant Joan de Deu	Barcelona	Spain
297 Frederic	Deschamps	Gustave Roussy	Villejuif	France
298 Gabrielle	Colleran	National Maternity Hospital	Dublin	Ireland
299 Hans (JHM)	Merks	Princess Máxima Center for pediatric oncology	Utrecht	Netherlands
300 Ilze	Apine	Children Clinical University Hospital	Riga	Latvia
301 Jeevesh	Kapur	National University Hospital	Singapore	Singapore
302 Jeffrey	Traubici	The Hospital For Sick Children	Toronto	Canada
303 Jennifer	Nicholas	Cincinnati Children's Hospital	Cincinnati	USA
304 Jessica	Cooper	Great Ormond Street Children's Hospital	London	UK
305 Jessica	Eaton	Great Ormond Street Hospital For Children	London	UK
306 Jochen	Herman	Hamburg University	Hamburg	Germany
307 Kathrine	Rydén Suther	Oslo University Hospital	Oslo	Norway
308 Lene	Laborie	Helsebergen	Bergen	Norway
309 Lil-sofie	Ording Müller	Oslo University Hospital	Oslo	Norway
310 Marcel	Dijkshoorn	Erasmus Medical Center	Rotterdam	Netherlands
311 Maria	Argyropoulou	University of Ioannina	Ioannina	Greece
312 Marta	Gómez Chiari	Hospital Sant Joan De Déu	Barcelona	Spain
313 Martijn Vincent	Verhagen	UMCG	Groningen	Netherlands
314 Maud	Tiissen	Maastricht University Medical Center	Maastricht	Netherlands
315 Monica	Rebollo Polo	Hospital Sant Joan De Deu	Barcelona	Spain
316 Nasreen	Mahomed	University Of Witwatersrand	Johannesburg	South Africa
317 Olubukola	Omidiji	Lagos University Teaching Hospital	Lagos	Nigeria
318 Owen	Arthurs	Great Ormond Street Hospital	London	UK
319 Oystein	Olsen	Great Ormond Street Hospital	London	UK
320 Pär	Gerwins	Uppsala University Hospital	Uppsala	Sweden
321 Philippe	Petit	Hopital Timone Enfant	Marseille	France
322 Rick R.	Van Rijn	Amsterdam UMC	Amsterdam	Netherlands
323 Roxana	Popa-Stanila	Iuliu Hațieganu University of Medicine and Pharmacy, Cluj-Napoca	Cluj-Napoca	Romania
324 Rutger A.J.	Nievelstein	UMC Utrecht/Wilhelmina Children's Hospital	Utrecht	Netherlands
325 Simon	McGuirk	Birmingham Women's & Children's Nhs Ft	Birmingham	UK
326 Suresh	Pujar	Great Ormond Street Hospital for Children	London	UK
327 Susan	Shelmerdine	Gosh	London	UK
328 Tarek	Yousry	University College London - Institute of Neurology	London	UK
329 Timothy	Cain	The Royal Children's Hospital Melbourne	Melbourne	Australia

<u>330 Tudor Lucian</u>	<u>Pop</u>	Iuliu Hatieganu University Of Medicine And Pharmacy Cluj-napoca	Cluj Napoca	Romania
<u>331 Young Hun</u>	<u>Choi</u>	Seoul National University Children's Hospital	Seoul	Korea
<u>332 Greg</u>	<u>Chambers</u>	Leeds Children's Hospital	Leeds	UK
<u>333 Maciej</u>	<u>Murawski</u>	Medical University of Gdansk	Gdansk	Poland
<u>334 Seema</u>	<u>Toso</u>	University Hospital of Geneve	Geneve	Switzerland
<u>335 Bogdan-Stefan</u>	<u>Olteanu</u>	University of Medicine and Pharmacy "Carol Davila"	Bucharest	Romania
<u>336 Costin</u>	<u>Stroie</u>	University Emergency Hospital for Children "Grigore Alexandrescu"	Bucharest	Romania
<u>337 Stephanie</u>	<u>Franchi-Abella</u>	APHP Hospital Bicetre	Le Kremiin Bicetre	France
<u>338 Marian</u>	<u>Pop</u>	Mures County University Emergency Hospital	Targu Mures	Romania
<u>339 Otilia Maria</u>	<u>Fufezan</u>	Emergency Hospital for Children	Cluj-Napoca	Romania
<u>340 Laura</u>	<u>Tanturri de Horatio</u>		Rome	Italy
<u>341 Karen</u>	<u>Rosendahl</u>	University Hospital North Norway	Tromso	Norway
<u>342 Carmen Ana</u>	<u>Asavoiae</u>	Emergency Hospital for Children	Cluj-Napoca	Romania
<u>343 Michael</u>	<u>Riccabona</u>	Medical University of Graz	Graz	Austria
<u>344 Carmen</u>	<u>Otelea</u>	Emergency Hospital for Children	Brasov	Romania
<u>345 Simona</u>	<u>Cerbu</u>	University of Medicine and Pharmacy "Victor Babes"	Timisoara	Romania
<u>346 Maria</u>	<u>Raiissaki</u>	University Hospital Heraklion	Heraklion	Greece
<u>347 Efthymia</u>	<u>Alexopoulou</u>	Attikon University Hospital	Athens	Greece
<u>348 Amaka</u>	<u>Offiah</u>	University of Sheffield	Sheffield	UK
<u>349 Emil Robert</u>	<u>Stoicescu</u>	University of Medicine and Pharmacy "Victor Babes"	Timisoara	Romania
<u>350 Mariana</u>	<u>Coman</u>	University Emergency Hospital for Children "Marie Curie"	Bucharest	Romania
<u>351 Josephine</u>	<u>Bomer-Skogstad</u>	Akershus University Hospital	Oslo	Norway
<u>352 Claudio</u>	<u>Granata</u>	Hospital IRCCS Burlo Garofolo	Trieste	Italy
<u>353 Joanna</u>	<u>Kasznia-Brown</u>	University of Bristol	Bristol	UK
<u>354 Helen</u>	<u>Woodley</u>	Leeds Children's Hospital	Leeds	UK
<u>355 Giulia</u>	<u>Cassanelli</u>	Bambino Jesu Children's Hospital	Rome	Italy
<u>356 Ionel</u>	<u>Stanuca</u>	University Emergency Hospital for Children "Grigore Alexandrescu"	Bucharest	Romania
<u>357 Viorel</u>	<u>Jinga</u>	University of Medicine and Pharmacy "Carol Davila"	Bucharest	Romania
<u>358 Giulia</u>	<u>Perucca</u>	Great Ormond Street Hospital	London	UK