



ESPR Annual Scientific Meeting  
Marseille 2022

Virtual training and fellowships  
is this the future ??



Dr Joanna Kasznia-Brown  
University of Bristol, UK  
WFPI

# Paediatric radiology

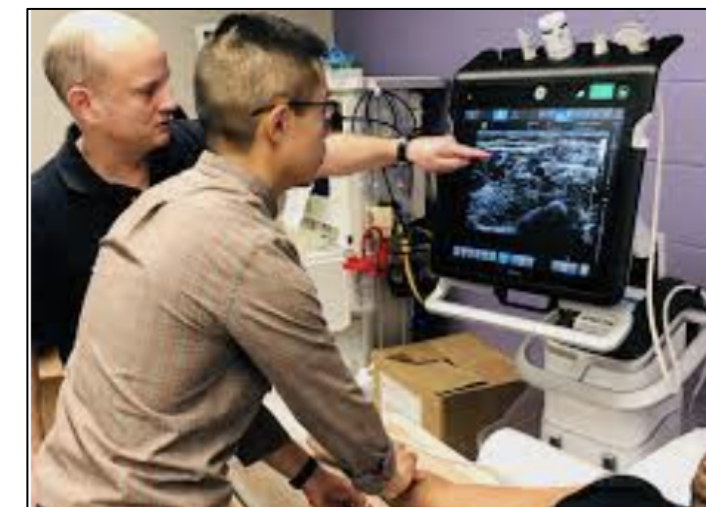


- **shortage** of paediatric radiologists in several countries
- **limited access** to paediatric imaging
- **suboptimal training** in paediatric radiology
- imaging of children performed by general radiologists, without adequate knowledge and experience in paediatric imaging



# Teaching and training

- Lectures
- Tutorials
- Small group teaching and discussions
- Hands on-training

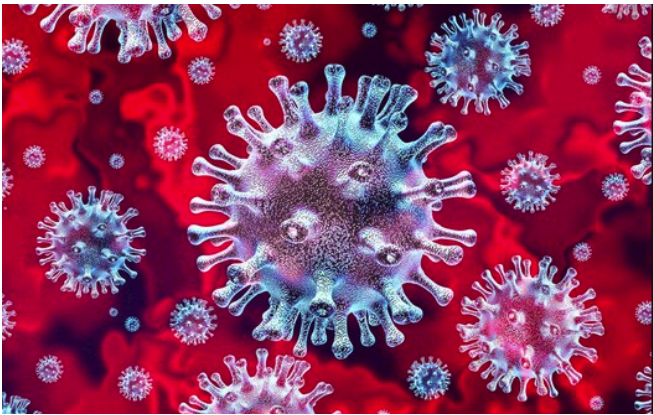




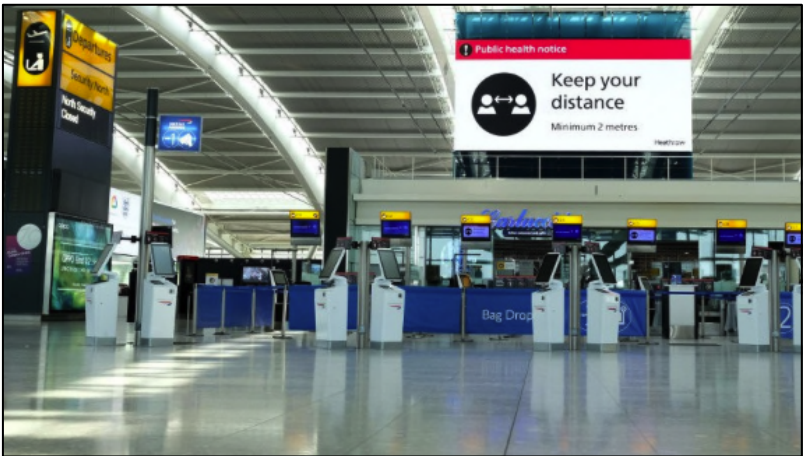
# COVID-19 Coronavirus



2019



2020





# Medical conferences and meetings



2019



2020



# Radiology - what next ?



Long-term strategy on:

- delivery of diagnostic services
- education
- professional development





# Radiology - what next ?



Long-term strategy on:

- delivery of diagnostic services
- education
- professional development

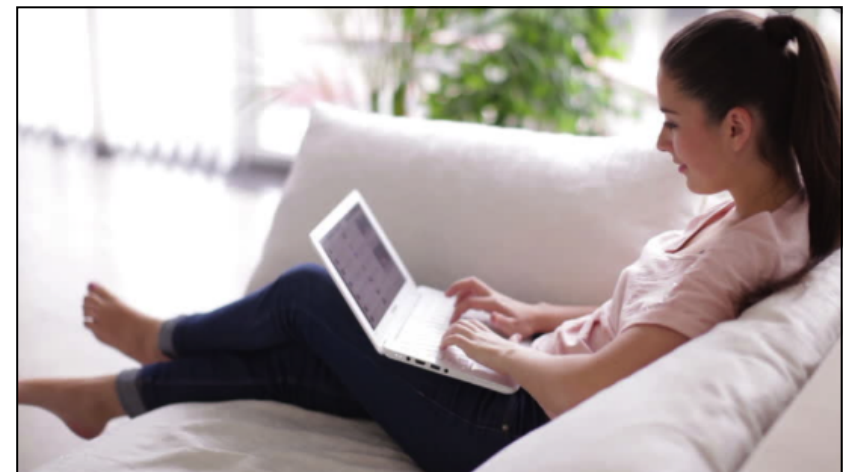




# Virtual teaching

## At home

- Developing educational material and radiology curriculum
- Conducting virtual lectures and webinars
- Distant support and reporting through tele-radiology
- Advice and discussion of interesting cases
- Virtual support and advice



# Education on-line

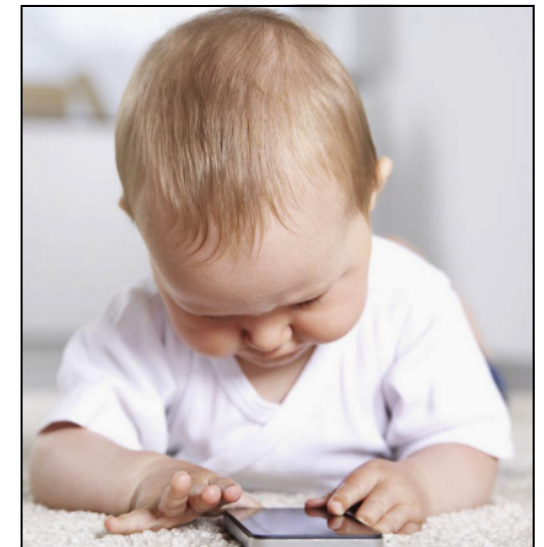




# Education on-line



- Affordable and easily accessible
- Relevant topics, with clear structure
- Reliable, validated, evidence-based knowledge
- Presentations, lectures, webinars
- Workshops and interactive sessions
- Special interest groups (TB corner, CT or MRI imaging group)






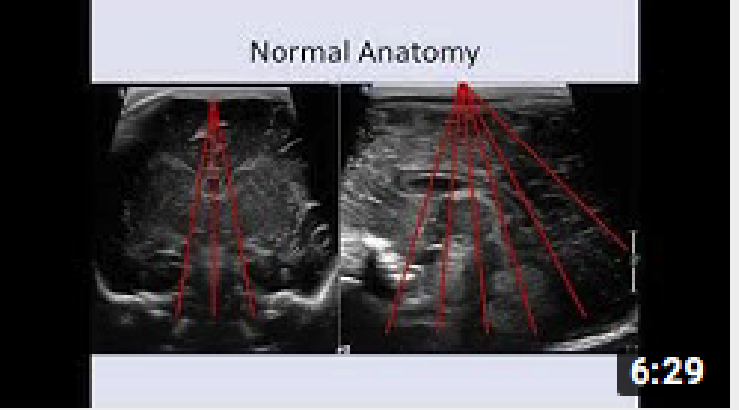
# Education on-line



- Radiologists
- Residents
- Paediatricians
- Radiographers
- Other healthcare professionals




Pediatricradiologyacademy uploaded a video




Normal Anatomy

6:29




Pediatricradiologyacademy uploaded a video



Imaging of Pediatric Thoracic Trauma

George A. Taylor, M.D.  
Department of Radiology  
Boston Children's Hospital  
Harvard Medical School



35:10

# On-line educational recourses



available for non-members



ESPR 2019

55<sup>TH</sup> ANNUAL MEETING & 41<sup>ST</sup> POST GRADUATE COURSE OF  
THE EUROPEAN SOCIETY OF PAEDIATRIC RADIOLOGY

Autor	Lecture
R. Kivisaar	<a href="#">Imaging strategies and radiation exposure in paediatric multitrauma</a>
V. Dermentzoglou	<a href="#">US of the lung</a>
P. Petit	<a href="#">Focal liver lesions</a>
R. Kivisaari	<a href="#">The role of ultrasound in paediatric trauma: From FAST to SLOW</a>
M. Stenzel	<a href="#">Contrast enhanced ultrasound in blunt abdominal trauma</a>
K. Johnson	<a href="#">Paediatric trauma CT</a>
B. Damasio	<a href="#">Imaging in UTI</a>

# On-line educational recourses



free registration

20 OCT 2020	<b>ESPR WEBINAR</b> <u><a href="#">Interstitial lung diseases in children: Basics and updates</a></u> 📍 Online <small>Event Organized By: European Society of Paediatric Radiology</small>
21 OCT 2020	<b>EUROSAFE IMAGING WEBINAR</b> <u><a href="#">Radiation dose index monitoring conundrum: emerging problems in paediatric radiology</a></u> 📍 Online <small>Event Organized By: EuroSafe Imaging</small>
03 NOV 2020	<b>ESPR WEBINAR</b> <u><a href="#">Enlarged pericerebral fluid of the posterior fossa</a></u> 📍 Online <small>Event Organized By: European Society of Paediatric Radiology</small>
17 NOV 2020	<b>ESPR WEBINAR</b> <u><a href="#">Ultrasound screening of Developmental Dysplasia of the hip</a></u> 📍 Online <small>Event Organized By: European Society of Paediatric Radiology</small>



**ESPR**  
European Society of  
Paediatric Radiology

## ESPR ONLINE TEACHING NETWORK

Bi-monthly educational webinars  
Tuesdays from 18:00 CEST

Participation is free-of-charge

Find more:  
[www.espr.org/education](http://www.espr.org/education)



# Virtual courses and conferences

SPR 2020  
BODY MRI COURSE  
SEPTEMBER 25-27, 2020



COURSE PROGRAM  
ONLINE LIVE AND  
VIRTUAL

Be Educated and Be Safe! #BodyMRI20

Promotional News Story  
21 September - 9 October 2020

RCR<sup>20</sup>  
DIGITAL LEARNING  
PROGRAMME

Kindly supported by **4ways**  
take diagnostics, your way

Access high-quality  
educational opportunities

#RCRDigital2020

ECR 2020 Highlight Week #6  
**Paediatric / Children in Focus**  
October 20 - 21, 2020

[REGISTER NOW](#)



INDIAN SOCIETY OF PAEDIATRIC RADIOLOGY  
FOUNDED DEC. 2003  
Paediatrics

**ISPR 2020**  
*Building confidence in paediatric imaging...*  
Sunday, 11th October 2020

XVIII Annual National Conference of Indian Society of Paediatric Radiology

International Faculty Speakers



Dr. Joanna Brown Dr. Govind Chavhan Dr. Mahesh Thapa Dr. Ajay Taranath

# On-site learning



- learning the structure of radiology department
- multidisciplinary approach and cooperation within the hospital
- awareness of appropriate use of imaging and national guidelines
- learning pediatric radiology - radiography, ultrasonography, fluoroscopy, nuclear medicine, CT and MRI scanning and reporting
- advice on medical equipment, radiation protection and quality

# On-site learning

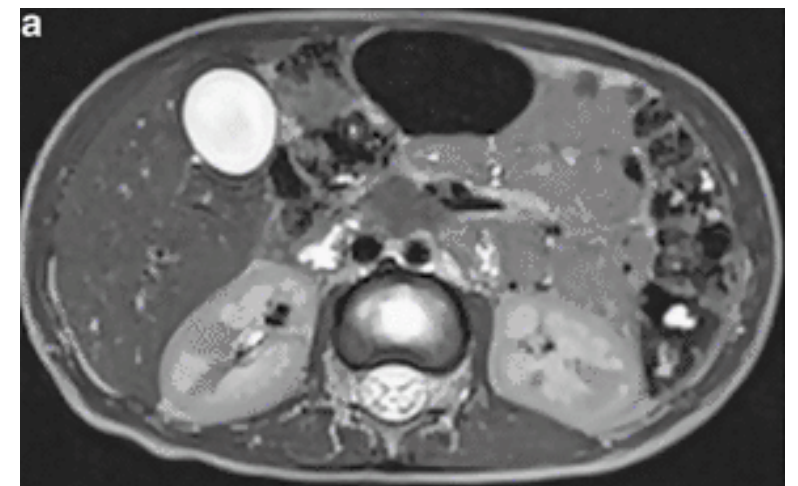
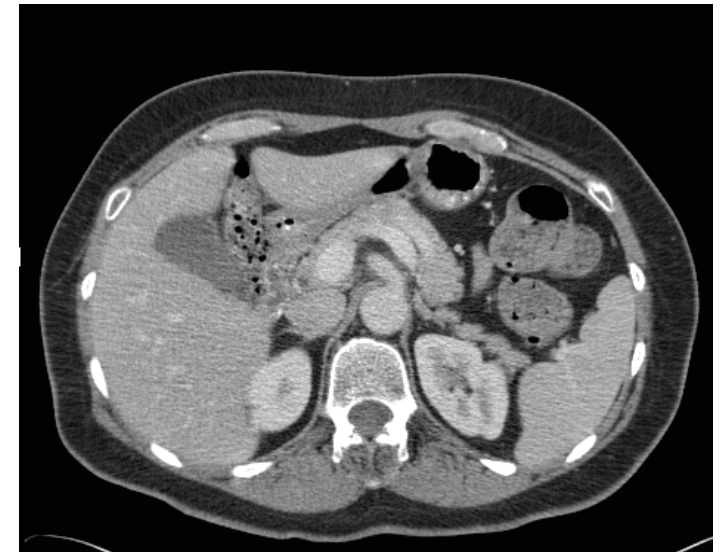
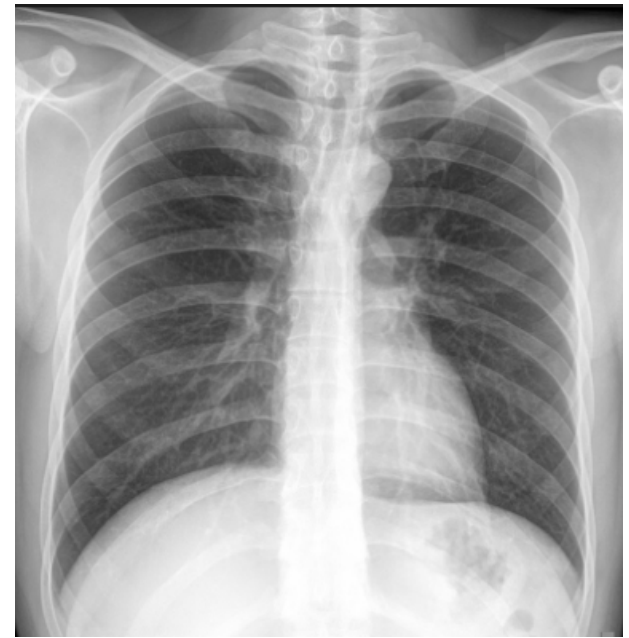


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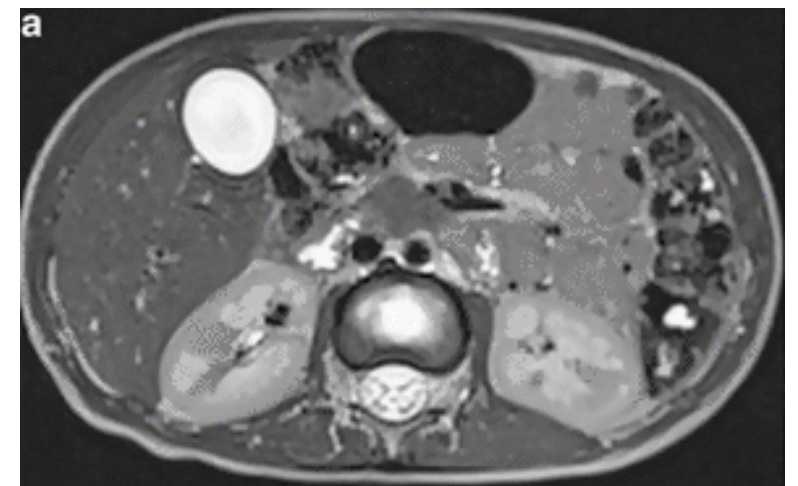
# Pediatric radiology

- Radiography
- Ultrasound
- Fluoroscopy
- CT
- MRI



# Pediatric radiology

- Radiography
- Ultrasound
- Fluoroscopy
- CT
- MRI



# Partnerships

- On-site visits
- Distant support
- Regular on-line teaching
- Regular multidisciplinary meetings
- Friendships





# Partnerships

- Regular on-line teaching
- Regular multidisciplinary meetings



Children's Hospital, Philadelphia



University Hospital, Botswana



Children's Hospital, Liverpool



University Hospital, Malawi

# Virtual fellowship



Children's Hospital, Philadelphia



University Hospital, Botswana



Children's Hospital, Liverpool



University Hospital, Malawi



# Virtual fellowships



**GRAD/ED ASIA**  
REPORT WITH CONFIDENCE

**KNEE MRI MINI FELLOWSHIP :**  
**FOR CTMRISP FELLOWS IN TRAINING AND FELLOWS**

**C.T. & M.R.I. SOCIETY OF THE PHILIPPINES**  
1989

 Philippines

*Report with Confidence*



## MSK Fellowship Match – We're In!

- Albert Einstein College of Medicine Montefiore Medical Center
- Allegheny General Hospital
- Beaumont Health
- Beth Israel Deaconess Medical Center
- Brigham and Women's Hospital
- Case Western Reserve U/University Hospitals • CMC
- Cedars-Sinai Medical Center, LA
- Cleveland Clinic
- Duke University Medical Center
- Emory University
- Medical College of Wisconsin
- Medical University of South Carolina
- Northwestern University Feinberg School of Medicine
- NYU Grossman School of Medicine
- NYU Langone Health
- Ohio State University
- Oregon Health & Science University
- Penn State Health - Milton S. Hershey Medical Center
- ProScan Imaging
- Santa Barbara Cottage Hospital / Radnet Southern California
- University of California, Los Angeles
- University of California, San Diego
- University of California, San Francisco
- University of Chicago Medicine
- University of Cincinnati Medical Center
- University of Colorado
- University of Florida
- University of Iowa Hospitals and Clinics
- University of Kentucky
- University of Maryland School of Medicine
- University of Massachusetts Medical School
- University of Rochester / Strong Memorial Hospital
- University of South Florida MCOM
- University of Southern California
- University of Texas Health San Antonio
- University of Texas Health Science Center - McGovern School of Medicine
- University of Texas MD Anderson Cancer Center
- University of Texas Southwestern Medical Center
- University of Utah
- University of Vermont Medical Center



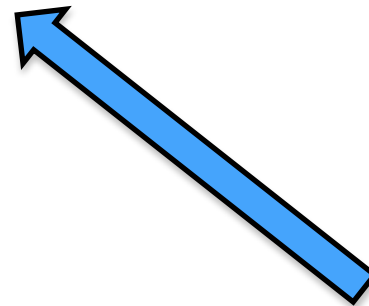
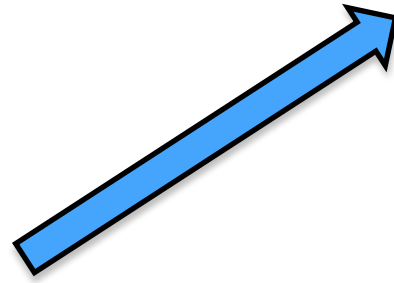
# Virtual fellowship

- Clinical meetings
- Everyday reporting
- Clinics attendance
- Interactive discussions



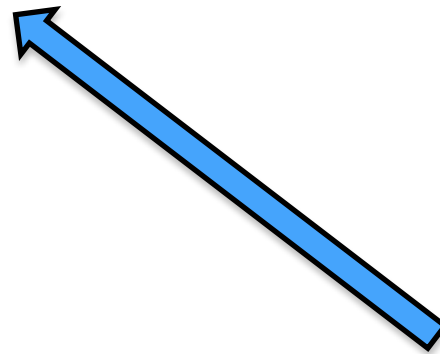
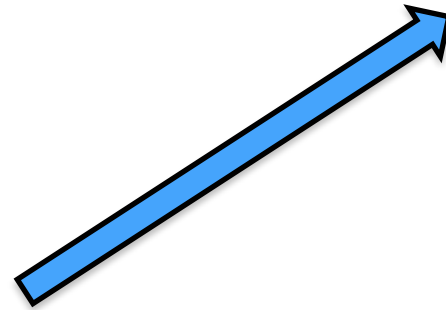
# Virtual fellowship

## Practical training



# Virtual fellowship

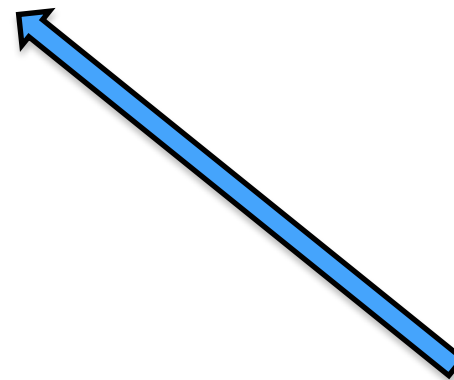
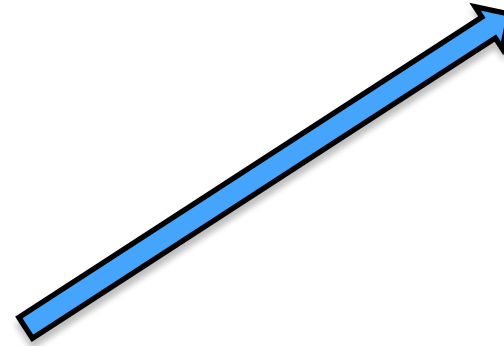
## Practical training





# Virtual fellowship

## Practical training



# Training in paediatric radiology

Future ???



# Thank you

