

WFPI EDUCATION COMMITTEE

General objectives

- 1/ To promote pediatric radiology educational needs globally for non-radiologists, radiologists and pediatric radiologists.
- 2/ To support and promote educational efforts by pediatric radiology groups at regional and national levels
- 3/ To collate materials and tools via the WFPI website, providing easily available access to pediatric radiology education for targeted audiences worldwide.
- 4/ To promote and develop international education opportunities

Specific objectives

Promote pediatric radiology educational needs globally

a/ In collaboration with the WFPI's Council and member organizations and steered by the WFPI International Liaison Committee, seize all occasions to promote pediatric radiology educational needs globally.

b/ Develop tools to this effect, for use by WFPI representatives at different forums

Support and raise awareness of pediatric radiology educational initiatives

a/ Help promote pediatric radiology education in different regions and raise awareness of established regional pediatric radiology educational initiatives

Existing points:

- North America: Pediatric radiology CAQ exam after 1 year, ACGME sponsored fellowship. Re-certification every 10 years, ABR learning material for radiology residents. SPR pediatric radiology curriculum on website. Cleveland Clinic modules

- Europe: JFC education committee paper 12/28/11 – sets out existing pediatric radiology educational platforms in Europe and a road map for ESPR-led pediatric input into European radiology education.

- Africa -: Ethiopia curriculum, - K Darge; S Africa curriculum - S Andronikou; Nigerian curriculum, - M. Atalabi. Ron Cohen - Zimbabwe and Zambia. Many countries barely have a general radiology curriculum so demands could be expected from individual facilities/institutions on a case-by-case basis.

b/ In collaboration with the International Liaison Committee, identify key education figures in each region/global organization (RSNA, ACR, ESR, CIR, IAEA, WHO, WFUMB, etc) and ensure that the WFPI's contacts promote and complement regional/national societies' education work.

c/ Identify and promote existing educational tools. Provide easily accessible and searchable data base for tools.

d/ Identify cross-border/region education support mechanisms.

Collect and organize existing pediatric radiology educational material

a/ Determine the WFPI's audience

1/ Non-radiologists: nurses/technologists/sonographers/pediatricians/neonataologists.

Lead: **Quentin Moore, Radiologic Technology Instructor, Ohio USA**

2/ Radiologists/ trainees: radiologists delivering pediatric radiology care with limited subspecialty educational opportunities - establish international goals and objectives, international training modules/ international curriculum/ support fellowships

Sources:

- Suitable material from Cleveland Clinic, ABR, ESPR, ESOR, other
- Suitable material from ISR, RADAID, RADPED, UERJ Telehealth Centre Rio de Janeiro, other
- Material developed for Ethiopian ped rad curriculum (K Darge) and other low resource teaching institutions
- Modules designed for RSNA/ESR visiting professor: "training of trainers".

2010 RAD AID conference (<http://www.jacr.org/article/S1546-1440%2811%2900029-9/abstract>):

"Education and training in the developing world is an essential component of sustainable radiology development. However, training health care personnel in the developed world is equally important, yet often overlooked. It is short sighted (maybe hypocritical) to assume that a radiologist, technologist, engineer, or other professional from the developed world has the knowledge and skills to develop, deploy, and participate in a radiology development project in the developing world."

3/Advanced pediatric radiology: establish international standards, innovations, promote advances in pediatric radiology.

b/ Determine the needs of each audience

c/ Identify content/links for each level : contact member societies for publishable educational output & tools and collect "useful links"

Existing virtual forums

<http://globalcastmd.com/wp-content/uploads/2012/02/Navigating-the-GlobalCastMD-Virtual-Medical-Symposium.pdf>.
syllabus: <http://globalcastmd.com/wp-content/uploads/2012/02/Trauma-Syllabus.pdf> (<http://www.isrvirtual.org/lms/>).

Educational links

<http://www.kinderradiologie-online.de/radiology/Links.shtml>

www.isradiology.org

<http://www.aium.org/resources/guidelines.aspx>

<http://content.yudu.com/Library/A1wsis/DiagnosticImagingEur/resources/48.htm>

World Interactive Network Focused on Critical UltraSound <http://www.winfocus.org/home>

St. Jude Cure4Kids. <http://www.Cure4Kids.org/register>

Partners in Health ultrasound manual for resource limited settings

<http://www.pih.org/publications/entry/manual-of-ultrasound-for-resource-limited-settings>

WHO ultrasound guidelines

<http://apps.who.int/bookorders/anglais/detart1.jsp?codlan=1&codcol=15&codcch=393>

d/ Distribute the links into the different drop down menus, be available to guide users on where they can find material to meet their needs

e/ Identify missing content and how it could be produced

Promote and develop international education opportunities

a/ Identify possibilities and priorities

- Team with RSNA/ AAP/ ACR international radiology travelling grants and identify grants for fellows to come for advanced pediatric radiology training
- Online free access to journals / books
- Repository for lectures & eposters appropriate for international education
- Flag meetings and courses of interest on the WFPI website

Support WFPI fund raising efforts for education

a/ Track education grant and award opportunities

b/ Develop projects and assist with the formulation of proposals for submission to other organizations for support

Committee

Chair

Dorothy Bulas

(a) WFPI Education Committee members

- George Taylor, Kassa Darge, Jennifer Nicholas - SPR
- Jean-François Chateil, Philippe Devred - ESPR
- David Stringer, Ed Lee, Winnie Chu – AOSPR
- Pedro Daltro, Antonio Souza – SLARP
- Additional support
 - o Dr. Winnie Chu (Hong Kong; AOSPR)
 - Dr. Ali Yikilmaz (Turkey; AOSPR)
 - Ricardo Restrepo (USA; SPR)
 - Lisa Lowe (USA; SPR)
 - Gloria Soto (Chile; SLARP)
 - Cristian Garcia Bruce (Chile; SLARP)

(b) WFPI Outreach Committee

(c) WFPI International Liaison Committee

(d) WFPI technical support (website/telecoms committees)

(e) Staff (AD/JB)

Collaboration with:

(a) IRS: Eric Stern, GO-ED

2009, "GO-RAD" global outreach for radiology publications. GO-RAD www.isradiology.org/gorad consortium of radiology journals/publishers that provides immediate open access to selected, practical, radiology literature. Content targeted to radiology practitioners in developing nations and medically underserved populations at time of first publication. 30+ participating journals currently

ISR "GO-ED" Global Outreach project for radiology Education focused on issues specific to developing countries and medically underserved areas, in alignment with WHO priority diseases. GO-ED "Imaging of Tuberculosis." STR, ESTI, Fleischner, KTRS, RTRS, and JTRS. GO-ED project on Maternal-fetal health/Women's imaging also being developed

(b) RAD AID

Developing an online learning management system to provide training, testing, performance tracking, and certification in a readily accessible and collaborative educational environment for use by teachers, trainers, and learners in the developing world.

(c) WFUMB: Dr Hassam Gharbi

(d) Others

Potential Issues

- Legal (publishers copyright, posters & presentations online)
- Translation
- User costs for external material (e.g. ESOR tools)
- Cost of developing online tools