WFPI REPORT May 2016 – May 2017

Gloria Soto Giordani
WFPI Council: Executive Committee

- President: Gloria Soto
- Vice-President: Wendy Lam
- Secretary: Dorothy Bulas
- Vice Secretary: Jaishree Naidoo
- Past-President: Veronica Donoghue
- Founding President: Ines Boechat
- Treasurer: Rutger Jan Nievelstein
- Vice Treasurer: Richard Barth
- Education Leader: Brian Coley Digital
- Outreach leader: Cicero Silva

Meets monthly (online), addresses current issues, establishes project priorities, provides budgetary and project oversight
WFPI Representative Directors 2016-2017

- AfSPI- Omolola Atalabi, Gladys Mwango
- AOSPR- Bernard Laya, Abrah Hayat
- ESPR- Erich Sorantin, Eva Kis
- SLARP- Celia Ferrari, Alexandra Monteiro
- SPR- James Donaldson, Rebecca Stein-Wexler
May 2016 – May 2017

Achievements and work in progress

◆ Digital Education
◆ Outreach
◆ TB Group
◆ Mapping project
◆ Scholarship Program
◆ Administrative and financial issues
Digital Education

2016: A priority area of future WFPI development...

We need a sustained and substantive digital education effort to accomplish WFPI’s mission of improving the quality of imaging of children globally.
Digital Education

- Project Leader: Brian Coley (July 2016)
- Collaborators:
  - Amanda Dehaye, Kim Pede, Jennifer Boylan
  - Sanjay Prabhu & Mónica Gilsanz (Social media: Website, Facebook, Tweeter)
  - Ricardo Faingold (WFPI link to Sonoworld)
Digital Education

- Do we really know what is needed in the field?
- Do we know which is the most efficient format to deliver digital education in different regions and areas?

Should be the basis for broad range of future efforts
Digital Education

Survey to collect viewpoints: both from teacher and recipient perspective in middle and lower resource

- Who acquires pediatric imaging studies?
- Who interprets them?
- **What educational topics are needed?**
- Format, devices, and connectivity?
- Communication methods?
- *Image gently questions included*
Survey to regional partners: 34 responders from 12 countries in
Educational topics –
(number of mentions as “needed”)

- Ultrasound: 34
- Chest/Airway/TB: 27
- Neuroimaging: 25
- GI/GU: 24
- Radiation Protection: 16
- Emergency Imaging: 15
- Protocols and Guidelines: 14
- Oncology: 13
- Cardiac: 12
- MRI: 11
- MSK: 7
- Unique pediatric needs: 6
- Miscellaneous: 11
Digital Education Project: Next Steps

- Determine curriculum prioritized to needs
- Assess current WFPI offerings, determine gaps, fill with existing materials, determine need for new content
- Partner with content providers (e.g. SonoWorld)
- Assess current website content and navigation and determine time and cost effective restructuring *(WFPI’s website will be the main repository of this content)*

Work in Progress!!!!
Outreach programs

Cicero Silva: Outreach Leader

- Telerreading
- Expert-opinion
- On-site teaching and training
- WFPI Grants for outreach projects
Outreach programs

Telerreading
Objective: provide an expert opinion on pediatric imaging studies from low-resource sites with limited access to pediatric radiologists

- 35 Tele-readers
- Colegium Telemedicus platform
- Referrer sites:
  - Laos Friends Hospital for Children (Laos): 383 cases
  - Hospital Central de Maputo (Mozambique)

667 cases from Jan 2016 – April 2017 (plus opinions for MSF)
WFPI onsite outreach programs

- March 2016: Laos Trip sponsored with WFPI outreach funding
- Team lead Dr. Ramdas Senasi, UK

- On-site teaching & training by a team of volunteers (MD, radiographer, sonographer)
WFPI onsite outreach programs

Nov 2016: Teaching trip to Maputo Central Hospital in Mozambique supported by WFPI /UCLA Global Health Project (Ricardo Faingold)

• 9 lectures and case show sessions
• Clinical, surgical, and radiology rounds.
• Bedside US exams performed in Surgical, pediatrics and NICU sections.
• 3 workshops of neonatal US in the NICU. Also helped assemble the NICU US equipment and make it fully functional.
WFPI onsite outreach programs

- March 2017: South Africa POCUS Mission Trip. (WFPI supported funding via Outreach grant). Lead by Savvas Andronikou

- Goal: **build relationships** with local doctors that may facilitate repeat visits, as well as support distance tele-reading and further training.
- Visited 3 different settings during a 2-week period
- They taught chest X-ray interpretation for TB and point of care US for pneumonia.
Outreach programs

Ongoing projects:

“Series of 12” project” Co-sponsored BSPI

Aimed at radiology and non-radiology trainees in high and lower resource settings

- Illustrated series of chosen topics in pediatric radiology.
- One case from the series rolled out monthly through a link on the outreach corner of the BSPR and WFPI websites.
- The first “A series of 12 Mall positioned Tubes, Drains and Catheters” –
Outreach programs

Ongoing projects:

**Online lectures to be used by WFPI volunteers** on their pediatric imaging outreach trips are been created to assure consistency of contents and methods, especially for follow-up visits to same site by different training teams.

- First modules are on radiography of chest, abdomen, cervical spine, undergoing peer review.
Outreach programs

Ongoing project:

Teach the Outreachers POCUS through Video Training’-
POCUS pneumonia video clips from South Africa collated by Savvas
Outreach programs

Ongoing projects:

- Partnership with Zithulele Hospital (South Africa) for expert-opinion on imaging studies
- Follow-up on on-site teaching and training in Laos later this year
- New call for a US$1.500 grant to support an onsite outreach program (2017)
WFPI TB Group

Lead By Bernie Laya
22 members with representatives from all over the world

Achievements

- Tele reading and expert opinion for Lao Friends Hospital for Children
- Online Publications on Childhood TB (3 articles released on WFPI TB Corner of WFPI website)

May 2016
July 2016
November 2016
Work in Progress: TB Minisymposium

- May 2016: Project conceptualization started (lead by Bernie Laya)
- International collaboration: participation of childhood TB Imaging experts from all over the world

5 Relevant Topics

1. Standardization of Radiographic Interpretation
2. TB Lymphadenopathy
3. Imaging Modalities
4. TB and HIV
5. Extra pulmonary TB
Work in Progress: TB Minisymposium

- Submitted to Pediatric Radiology Journal in Nov 2016

- Status as of May 2017: All articles have been approved and ready for Publication in Pediatric Radiology Journal

- Efforts will be made to make articles Free Access
January 2015: 2 year Pediatric Radiology Fellowship Program launched in Addis Ababa, Ethiopia, under a CHOP and Addis Ababa University collaboration with WFPI auspice

December 2016: first program finalized.

February, 2017: Graduation ceremony of first 2 Pediatric Radiologists. WFPI represented by Savvas Andronikou.
World Federation of Pediatric Imaging

2016: Global overview of pediatric Imaging resources: develop information of pediatric radiologist`s presence, training and needs around the world (to guide outreach programs)

WFPI Pediatric Radiology Global Mapping Project

WFPI is the only pediatric radiology organization with the ability to take on this challenge and expect reasonable results!
Pediatric Radiology Global Mapping Project

Objectives:

- Establish the number of Pediatric Radiologists per country globally
- Outline the training pediatric radiologists receive and availability of training centers
- Highlight major disparities and gaps in the availability of pediatric radiologists and pediatric imaging training
- Based on this data create a road map for WFPI’s global efforts
Methodology

1. Survey to collate information
2. Recruitment of contacts from different countries/regions responsible for responding the survey
3. Collate and analyze the data
4. Construct a Global Map of Pediatric Radiologists and Pediatric Radiology training centers
Methodology

An important issue

When we talk about a Pediatric Radiologist.... What are we talking about?

Respect local definitions according to training pathways... and integrate this information into the results (important when analyzing / comparing data!)
Survey

1. How are Pediatric Radiologists defined in your country according to their training pathway

2. Number of pediatric radiologists in the country (as defined in question 1)

3. Number of centers offering a 1-2 year long pediatric radiology training programs

4. Radiological equipment available in Pediatric Radiology training centers
Responses received from 92 countries

- Africa: 34
- Asia – Oceania: 16
- Europe: 20
- Latin America: 20
- North America: 2
Definition of a “Pediatric Radiologist” according to training pathway
Availability of Pediatric Radiologists (Population<19yrs*/ Pediatric Radiologist)
WFPI Mapping project

- Results accepted to be presented at the SPR and ESPR 2017 meetings

- **Work in progress** - publish the results in Pediatric Radiology Journal
Thanks to our key contacts and collaborators:

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NORTH AMERICA

- Inês Boechat
- Donald Frush
- Paul Babyn
- Oscar Navarro
- Karen Thomas
2017 WFPI New Scholarship Program

Educational Grant to support training of general radiologist in pediatric radiology

- **Objective**: improve pediatric imaging in regions with low availability both of pediatric radiologists and pediatric imaging training centers

- **How**: US$3,000 financial support for a 3 month-training period in well recognized academic centers (same region as the scholar).

- **Candidates**: Radiologists with special interest and dedication to pediatric radiology with no possibility of training locally.
WFPI Scholarship program

First programs to be held in Africa (African radiologist to be trained in African centers).

- **2017**: Addis Ababa, Ethiopia
- **2018**: Nelson Mandela Children Hospital, Johannesburg, South Africa

Work in progress:
- Finalize eligibility criteria for candidates and set a specific training program
- Call for applications through WFPI social media

Future objective: link the program to specific donations
Learning objectives

1/ To discuss access and basic needs of pediatric imaging education in lower and middle resource areas as identified by WFPI.

2/ Review how we can develop, deliver and share educational content for optimal use around the world.
WFPI Administrative issues

- **June 2016**: Amanda Dehaye (General Director) reduced her working time from 1.5 days/week to 1 day/week. Kim Pede incorporated as assistant staff (0.5 days/week).

- **November 2016**: Amanda Dehaye resigned as General Director.

A decision has to be made regarding how to restructure our administrative organization. During this transition period Kim Pede and Jennifer Boylan are supporting the administration. Jennifer will hopefully play a major role in the near future.
2017 - 2018 WFPI EXCOM Officers

- **President**
  - Wendy Lam
  - AOSPI

- **Vice-President**
  - Omolola Atalabi
  - AfSPI

- **Secretary**
  - Jaishree Naidoo
  - AfSPI

- **Vice Secretary**
  - Cristian Garcia
  - SLARP

- **Past-President**
  - Gloria Soto
  - SLARP

- **Founding President**
  - Ines Boechat
  - SPR

- **Treasurer**
  - Rutger Jan Nievelstein
  - ESPR

- **Vice Treasurer**
  - Richard Barth
  - SPR

- **Education Leader**
  - Brian Coley Digital
  - SPR

- **Outreach leader**
  - Cicero Silva
  - SPR

- **AOSPI**
  - Kimberley Applegate
  - SPR - Image Gently
WFPI Representative Directors 2017-2018

- AfSPI- Khaled Aboualfotouh Ahmad, Gladys Mwango
- AOSPR- Bernard Laya, Abrah Hayat
- ESPR- Erich Sorantin, Eva Kis
- SLARP- Celia Ferrari, Alexandra Monteiro
- SPR- James Donaldson, Rebecca Stein-Wexler
Thanks!!!!

➢ To all EXCOM and Council members
➢ To Ines, for ALWAYS been there!!!
➢ To Amanda Dehaye, Kim Pede and Jenifer Boylan
➢ To Berni, Savva, Ricardo, Kassa, Ramdas… and many others that collaborate with WFPI´s and dedicate time and energy to work in the different projects
➢ To all the mapping project collaborators (MANY!!!)
➢ To the SPR board for their continuous and generous financial support
Thanks!