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# World Federation of Pediatric Imaging

Providing a united platform to address global challenges in pediatric imaging

## Small World – the WFPI Newsletter

Volume 5, Issue 1, March 2016

### Annual Meeting 16<sup>th</sup> May - join us

**UPCOMING: WFPI Annual Meeting – open to all – online & onsite**  
Monday May 16<sup>th</sup> 2016, 9-10:30 am Chicago (CST) time

**UPCOMING: WFPI tele-readers gathering – online & onsite**  
Monday May 16<sup>th</sup> 2016, 10:30 – 11:30 am Chicago (CST) time

[CLICK HERE](#)

For: Online: meeting times around the world, log in  
On-site: times, room details


Attendance welcomed online and onsite.

On the agenda: an open discussion on WFPI’s annual and future plans, following a short presentation of the President’s Report. There are no rules for this discussion. If you have something to say about or share on international outreach, virtual education or other: WELCOME! WFPI will also have a table at IPR; if you are in Chicago, come & say hello.

**Saving the Starfish:** Can WFPI make a difference? What do members think and what have we accomplished so far?



One day, after a big storm, an old man found starfish littered all over the beach. In the distance, a small boy kept bending down to pick up an object and throw it into the sea. “What are you doing?” the old man called out. The young boy called back “Throwing back the starfish. The tide has washed them up. Unless I throw them back, they’ll all die.” The old man replied, “But there must be thousands of starfish on this beach. I’m afraid you won’t make much of a difference.” The boy bent down, picked up yet another starfish and threw it. Then he turned, smiled and said, “I made a difference to that one!”



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Who we are, how we operate, our future hopes and where the challenges lie: WFPI’s first five years & beyond

### World TB Day

- ⇒ In 2014, an estimated 1 million children became ill with TB and 140,000 children died of TB.
- ⇒ Over 95% of TB deaths occur in low- and middle-income countries,
- ⇒ TB is a leading killer of HIV-positive people: in 2015, 1 in 3 HIV deaths was due to TB.
- ⇒ Globally in 2014, an estimated 480 000 people developed multidrug-resistant TB (MDR-TB).



Children are amongst the most vulnerable to TB. We’re trying to change that. WFPI’s truly international Childhood

TB Group publishes free access articles every two months and offers a “hotline” for interpretation support. A number of WFPI’s partners celebrated this year’s World TB Day - Unite to End TB – by promoting our Group’s work, [available on TB Corner here](#). Our thanks to Radiopaedia, Figure1, the International Society of Radiology, Imaging the World and RAD-AID for uniting with us to



WFPI’s TB Group published two new articles for World TB Day: Skeletal involvement in pediatric tuberculosis and Tuberculosis with HIV Co-infection: Chest, Abdomen and Neuroimaging manifestations. [CLICK HERE](#)

Harnessing such unparalleled expertise from around the world is what WFPI can do, and we are doing it. But it will not serve a great deal of purpose if this work does not lead to concrete support. So if you work in a TB-affected area or have colleagues that do, **please do your bit & share these page links! (Thanks!)**



**CHILDHOOD TUBERCULOSIS**

BERNARD F. LAYA, MD, DO  
Associate Professor of Radiology  
St. Luke's Medical Center-Philippines  
St. Luke's College of Medicine  
William O. Quinsac Memorial



**WFPI's TB CORNER**

Open access educational literature & tools  
A hotline for Childhood TB imaging interpretation support

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## Outreach

WFPI's limited resources demand careful calibration of its aims and the provision of tele-expertise demands fast turn-around times. Nonetheless, our Starfish article explores the value of WFPI's tele-expertise, and the expansion of this activity (THANK YOU to our worldwide volunteers – [cited here](#)).

With over 500 WFPI cases referred through our Collegium Telemedicus tele-platform to date, the data shows the swift mobilization of WFPI's support. In February 2016, we handled 104 referrals, allocating them to a specialist within an average (median) delay of 0.38 hours. The average (median) time to first response was 3.46 hours. Astonishing!

We do strive, however, to back up our tele-expertise with on-site assessment and teaching/training whenever we can. To this end, a team of technologists and sonographers, led by Dr. Ramdas Senasi (pediatric radiologist), received travel funding aid from WFPI to spend two weeks at the Lao Friends Children's Hospital, Laos (WFPI's largest tele-referrer – [image right](#)) in March 2016.



[See here for the Laos visit report](#), & watch our posts on [Facebook](#) and [Twitter](#) as onsite teaching rolls out (WFPI-affiliated projects and other organizations' valuable work. Dr. Dorothy Bulas recently visited Ghana as an RSNA visiting professor - 45 radiologists & 40 trainees in a country of 28 million. If **you** have outreach work to report, [let us know!](#)).

## Pneumonia, WHO

Dr. Nasreen Mahomed (South Africa), member of the newly re-Convened WHO radiology working groups, along with Prof.

Henrique Lederman (Brazil), will be at WFPI's Annual Meeting on May 16<sup>th</sup> to share with us how this project on childhood pneumonia studies is progressing ([here](#)). Join the conversation [on May 16!](#)



**WFPI MEMBERS: participate in Case of the Day online during IPR: [click here](#)**



**An upcoming event?**  
**Contact us, we'll share**

[Click here](#) for the South African congress website

## WFPI-SPR online video library



With 13 videos posted so far, the [video library selection](#) has attracted over 12,000 views from 149 countries since it went on line just over a year ago. Great news! BUT.... We need new content. To this end, our video steering committee will be lining up recording sessions with different physicians around the world at IPR in Chicago this May. Our thanks in advance to the speakers approached for their cooperation (leave all the technicalities to us – just share your expertise via this far-reaching platform.)



## WFPI toy donation

SPR's Webmaster Dr. Ben Taragin, who is also one of WFPI's regular tele-readers, has developed a project with Dr. Erik Ranschaert of the Netherlands to create a miniature MRI made of LEGO bricks and make it available to physicians and hospitals. Says Dr. Taragin:

"After building it with my son, I realized that it might actually be useful for our child life division at my own hospital, to use when prepping patients for MRI. Then, after hearing positive comments, we partnered with Dirk Denoyelle, LEGO certified professional from Amazings in Belgium, to make it available internationally.

While many simulators exist on the market, none are built using the basic blocks of childhood. Two sets have been developed: a large version with



the MRI in its complete setting, and a smaller version of just the MRI and child. Its size and portability allows it to be carried around the hospital in a regular work bag. It is our hope that this MRI with LEGO bricks will enable younger children to feel less anxious about MRI as well reduce the number of young patients requiring anaesthesia."

Part of the sales proceeds will be donated to WFPI and the children it serves. For a small or large set

[CLICK HERE](#)

Our grateful thanks to Drs. Ben Taragin and Erik R. Ranschaert for their support

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