Country Background

Nigeria in the West of Africa borders Chad, Benin, Niger and Cameroon. It is the most populous country in Africa and the 7th most populous country in the World, with over 180 million inhabitants. There are around 1050 physician anaesthesia providers in Nigeria, providing a density of 0.58 per 100,000. In addition, there are approximately 250 nurse anaesthesia providers.

Port Harcourt is the capital of Rivers State of Nigeria, which is the 6th most populous state in the country with a population of over 5 million people. Rivers state covers an area of 11,000km and reaches the Atlantic Ocean with an inland tropical rainforest and a network of rivers and tributaries and the Niger delta environment towards the coast. The state is well known for its oil and gas reserves.

SAFE Paediatric Anaesthesia Course

A SAFE Paediatrics course, and Train-the-trainer (TTT) course was run at the University of Port Harcourt, Nigeria, from 24-27th June 2019. There were 49 participants. There were 2 international and 14 local faculty (9 anaesthesiologists, 3 surgeons, and 2 paediatricians).
Delegates and faculty of the course

The course was supported by:

- The University of Port Harcourt (UPH) & Port Harcourt University Teaching Hospital (UPTH)
- Nigerian Society of Anaesthetists (NSA)
- Nigerian Medical Association (NMA)
- Medical Women’s Association of Nigeria (MWAN)
- World federation of Societies of Anaesthesiologists
- Association of Anaesthetists

The course was approved for 10 CME Points.

Everyone was exceptionally enthusiastic at all stages of planning and running the course. Course directors were responsible for planning, coordination and logistics of the course. The venue, lunches, transport, security, hotel for external faculty and the local faculty and participants were arranged locally at UPTH. Materials were printed locally at UPTH. Equipment, Pocketbooks, Lanyards and USB flash drives were carried to Nigeria by external (UK) faculty. Equipment was donated to UPTH for future training and courses. Financial support was provided by the SAFE Steering Group.

A large room was provided at UPTH for the course. UK faculty were accommodated in a nearby hotel and transport was provided daily. Coffees and lunches were brought to the course venue. The room was big enough to accommodate both lectures and breakout groups. A projector was supplied by UPH.

There was considerable interest in the course with 49 participants from UPTH, LUTH Rivers State UTH, Franca Memorial Clinic Bayelsa and Assmay Clinic. This included anaesthesia practitioners across a range of levels (Consultants, Senior Registrars,
Registrars, SHOs, HOs, MOs and GPs). The course was run over 3 days as per the SAFE course manual and was well received.

Photos from the course
Monitoring and Evaluation

Multiple Choice Questions

Summary Results of Pre- and Post-course knowledge test (MCQ)

<table>
<thead>
<tr>
<th></th>
<th>Average (percentage score)</th>
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</thead>
<tbody>
<tr>
<td>Pre-course MCQ</td>
<td>36 (72%)</td>
</tr>
<tr>
<td>Post-course MCQ</td>
<td>41 (82%)</td>
</tr>
</tbody>
</table>

Skills Stations

Summary Results of Pre- and Post-course Skills Test

<table>
<thead>
<tr>
<th></th>
<th>Average (percentage score)</th>
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</thead>
<tbody>
<tr>
<td>Pre-course Skills Test</td>
<td>6.5 (65%)</td>
</tr>
<tr>
<td>Post-course Skills Test</td>
<td>8.3 (83%)</td>
</tr>
</tbody>
</table>

Pre- and post- course tests

Pre- & post- course Skills Tests

- Trauma
- Intubation
- NNR
- CPR

Post Pre
Feedback

All participants who completed the course were asked to provide feedback by anonymous course evaluation form. Average scores for sessions, and for overall feedback, were between 8.7-9.5/10.

Feedback Comments

“Fantastic”

“Should take the training to other teaching hospital in Nigeria”

“Really improved my knowledge”

“It will be extremely helpful if there will be retraining over time”

“Good job!”

“Should be done more regularly”

“It was a well organised course, well delivered lecture sessions and equally impactful”

“The course was very helpful. Thank you for organising it in my hospital”

“Keep it up!”