Sample: Anesthesia Mentoring

Actual implementation may vary depending on the specific needs of the local partners

Sample Structure

- Two hour tutorial at the local hospital – once per week
- One half day per week at the local hospital, teaching and practical where possible
- Selected participants will be invited to Africa Mercy two days a week during a 12-week period for further teaching and practical experience

Implementation

Doctor Anesthetists

According to their availability these participants will be mentored onboard the Africa Mercy and will also attend tutorials and training in the local hospital.

Nurse Anesthetists

2 weeks of tutorials and training in local hospital

12 weeks of tutorials and training in local hospital. This will be given as 3 x 4 week blocks of 1-2 nurse anesthetists coming to the Africa Mercy 2 days per week. There will be one week off in between blocks to review and evaluate the training on board the Africa Mercy.

Tutorials will be selected from the following list:

1. Airway management
2. Basic respiratory physiology including use of pulse oximetry
3. Basic cardiovascular physiology
4. Fluid management and blood loss
5. Pain Management
6. Recovery (PACU) management
7. Spinal anesthesia
8. Child Resuscitation - Basic Life Support
9. Neonatal Resuscitation
10. WHO safe surgical checklist
Special reference will be given to obstetric anesthesia to help improve maternal mortality. In addition, a selection of the following topics will be covered based from the material used in the SAFE Obstetric Anesthesia Course. 

1. Airway management in pregnant women
2. General anesthesia for urgent cesarean section
3. Spinal anesthesia for cesarean section
4. Management of complications of spinal anesthesia
5. Pre-eclampsia and eclampsia
6. Major hemorrhage
7. Recognition and treatment of the sick obstetric patient
8. Maternal resuscitation – Basic Life Support
9. Treatment of obstetric emergencies
10. Sepsis, anemia, malaria and HIV in pregnancy

Where appropriate, donation of relevant anesthesia equipment will be given to the partner hospital. Examples of possible donations include laryngoscopes, stethoscopes, blood pressure cuffs, and pulse oximeters, alongside training in appropriate usage and maintenance.

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1 Mercy Ships provides short courses in SAFE Obstetric Anesthesia as well. For more information, please see the separate project plans and budgets for those projects. This project will utilize some of the material taught in those courses.