

PASCAR Cardiac Surgery Task Force

Leadership and committee structure:

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- We're looking for more partners aiming to learn, cooperate, and help each others in the underserved areas in our Continent.
- We're planning to visit and attend Academic activities in different African countries.
- Surgeons have a role in helping patients with Rheumatic Heart Disease and Congenital Heart malformations. In the area of combined research and publications as well as other academic programs we have to be working together.

Sustainable cardiac surgery program in Sudan:

The first open heart surgery in Sudan started in 1970s and performed intermittently until 1995, and then a sustained program was established in Khartoum North (Ahmed Gasim Hospital).

- Ahmed Gasim Hospital is now the largest program in the country performing 400-600 cases per year with 2 echo machines, 2 Cath labs, 10 cardiologist and 6 cardiac surgeons.
- AlSalam Hospital performs 500-550 open heart surgeries annually, no Cath lab, 2 echo machines, 8 cardiologist, 3 surgeons.
- Sudan Heart Center established in 1996, now performing 120-150 cases annually, 2 surgeons, 6 cardiologist, 1 Cath lab, 2 echo machines and 2 operating rooms.
- Wad Madani Center performs 80-100 cases per year, 2 Cath labs, 2 echo machines, 2 ORs, 1 full time surgeon and 3 cardiologists.
- AlShaab Hospital program is inactive for now.
- Aliaa Hospital in Omdurman, launched their open heart surgery program on 7 April 2018. Four cases were done in the first week, including a redo SAM resection; the last patient underwent MVR, TVr, CABG.
 - 2 patients were discharged from the hospital.
 - The other 2 are expected to leave on April 17
 - The details were mentioned to stress a point where there is no Cath lab, but good Echo service. The Hospital has 1 Echo machine, 1 shared OR, shared ICU, one full time cardiologist and 1 surgeon, 1 heart lung machine, part-time Anesthetist and Perfusionist. General Surgery OR and 70% of Surgical instruments. General ICU.

We proved that selection of cases can lead to safe outcome in a suboptimal facility.