

FONDATION EAGLE FILE FORM

File N°: FF 0516

Name of file: IMPACT UK

Type of project: The one off purchase of quality surgical equipment to enable high standard operations to be performed in Juba, South Sudan.

Period of project: Ongoing

Place of performance: Juba, South Sudan

Total no. to benefit: Upwards of 80 obstetric fistula patients per year, increasing with each year

Amount requested: £3,550

Reasons for the request: Southern Sudan is one of the poorest countries in the world, with some of the world's worst maternal health indicators.

According to the World Bank (Data – 2017) the estimated maternal mortality ratio (MMR) is 1,150/100,000 live births. The antenatal care attendance rate is very low. Only 16.4% of all expectant women attend at least one antenatal care from a health professional. Paralleled with this is a high incidence of obstetric fistula and other birth traumas. The Ministry of Health have estimated that there is some 60,000 women with obstetric fistula still waiting for treatment in the country. There have been sporadic efforts in treatment.

The UNFPA has previously run campaigns to treat patients and some visiting surgeons have treated patients in Juba Teaching Hospital in the capital. There is a significant lack of South Sudanese surgeons trained in fistula surgery.

Overview: Dr Andrew Browning Founder and Director of Maternity Africa in Tanzania and also founder and director of the Barbara May Foundation in Australia has partnered with the Lutheran Church in South Sudan to build and open a fistula unit in Juba. It is within a general clinic in a newly settled area of Juba called Reformation. It was the first clinic to be built in the area of the city. It opened in May 2018 and it began treating general patients straight away and in June 2018 the fistula surgery camp was held. The number of fistula patients has been increasing with each camp. The first year one camp was held, two camps were held in 2019 and three were planned for 2020 with



Key Facts:

- Ranked 186 on the Human Development Index
- The population is estimated to be 11,062,113
- Southern Sudan covers approximately 640,000 square kilometers (km²)

the aim of treating 80 fistula patients this year and increasing each year to a likely plateau of 120 patients.

Incidentally the Lutheran Church of North America approved funds to upgrade the hospital to a fully functioning maternity unit. The construction of which is continuing at present.

This project was to purchase two quality sets of surgical instruments specialised for the treatment of obstetric fistula. Up until this time sets were brought with the surgeon and visiting staff from Tanzania in their luggage and taken out of the country each time. Dealing with customs of Tanzania and Sth Sudan was becoming increasingly problematic making continuing with this system untenable.

There was two rudimentary fistula sets donated to the unit by Maternity Africa and left in the unit in Juba, but the quality of the instruments was far from ideal and four sets were needed for the smooth functioning of the camp. Around 5-7 fistula operations are done each day so four sets are needed to ensure a good turn around between cases.



Renovations in progress to upgrade the facility to a maternity unit. Patients and staff from the last fistula camp in 2019.



Outcomes: The instruments were purchased from MEdAid in the UK. One was shipped to Dr Andrew Browning in Australia and one to Mr Jim Noss in the USA in March 2020. Both were due to travel to South Sudan at the end of March to operate on 30 patients who had arrived for treatment. Dr Andrew Browning was to come as the surgeon to operate and Mr Jim Noss as a representative of the Lutheran Church in America to inspect and supervise progress on the upgrading of the construction of the maternity unit.

Dr Andrew and Mr Jim were to travel with one set of instruments each in their luggage as this saves considerable difficulties experienced with customs by couriering them into the country. Each set weighs 7kg.

However the week prior to departure the border of Sth Sudan was closed as a quarantine measure against Covid-19. The fistula camp had to be cancelled and the patients sent home.

The instruments remain with Dr Jim and Dr Andrew in their respective abodes and as soon as borders re-open another fistula camps will be arranged.

Note that the impact of the lockdowns in various countries will most likely increase the number of fistula patients. Due to travel restrictions many women in Africa are unable to get to a health institution to deliver and there is a great fear amongst the public. They prefer not to attend hospitals as they fear catching coronavirus. Many women are delivering at home and there are verbal reports of women dying in labour at home. There must be many women getting obstetric fistula as well.



Obstetric Fistula Set:

2 x Rampley Dressing And Sponge Holding Forceps Box Joint 240mm Straight
 1 x Dressing Scissors
 1 x Scalpel Handle No.3
 1 x Scalpel Handle No.7
 1 x Scalpel Handle No.4
 1 x Blunt / Blunt 150mm Curved
 1 x Metzenbaum Scissors 140mm Curved
 1 x Metzenbaum Scissors 190mm Curved
 1 x THOREK Vascular Scissors Strongly Curved 180mm
 1 x FOMON Nasal Scissors Strongly Curved 135mm Blunt Blunt
 1 x Kelly Dissecting Scissors Curved, Pointed 175mm
 1 x Metzenbaum SuperCut Scissors With Black Handles 180mm Curved
 4 x Rochester Pean Artery Forceps With Box Joint 190mm Straight
 4 Rochester Pean Artery Forceps With Box Joint 190mm Curved
 4 x Halstead Mosquito Artery Forceps With Box Joint 130mm Curved
 1 x Sims Vaginal Speculum Small Double Ended 60mm x 30mm / 70mm x 30mm
 1 x Sims Vaginal Speculum Medium Double Ended 70mm x 30mm / 75mm x 30mm
 1 x Sims Vaginal Speculum Large Double Ended 75mm x 30mm / 85mm x 30mm
 1 x Auvard Vaginal Speculum Tapered Blade 80mm x 45mm Tapering To 40mm With Fixed Weight
 1 x Lewer Vulsellum Forceps With 2 Into 2 Teeth And A Box Joint 240mm Curved
 1 x Galabin Uterine Sound Malleable With A Cm Graduated Shaft And A Silver Plated Finish 320mm
 1 x Poole Perforated Suction Tube 30 F.G. = 10mm Straight With A Chrome Plated Finish (Pooles) 240mm
 2 x Allis Tissue Forceps With 3 Into 4 Teeth And Box Joint 150mm
 2 Allis Tissue Forceps With 5 Into 6 Teeth And Box Joint 180mm
 1 x Treves Dissecting Forceps With 1 Into 2 Teeth 150mm Straight
 1 Waughs Dissecting Forceps With 1 x Into 2 Teeth 180mm Straight
 1 x Waughs Dissecting Forceps With Serrated Jaws 180mm Straight
 1 Gillies Dissecting Forceps With 1 Into 2 Teeth 150mm
 1 x McIndoe Dissecting Forceps With Serrated Jaws 150mm Straight
 1 Deaver Retractor (Without Handle) Plain Strip 25mm Blade x 250mm
 1 x DeBakey Needle Holder With Tungsten Carbide Jaws And Box Joint 200mm Straight
 1 x DeBakey Needle Holder With Tungsten Carbide Jaws And Box Joint 180mm Straight
 1 x DUROGRIP TC Needle Holder Curved 215mm
 1 x Female Metal Catheter Size 8 EG With A Silver Plated Finish (equivalent diameter to Foley size 12-14)
 1 x Probe With Eye And Silver Plated 130mm Straight
 1 Gallipot 4Oz
 1 Receiver 8" St St
 1 x Wire Mesh Base Basket With Perforated Sides 240mm X 250mm X 70mm
 6 Mayo (Backhaus) Towel Clip With Box Joint 135mm Curved
 2 x Instrument Pin 140mm
 1 Sterilisation case with reusable filter

Budget: £3,550 for two fistula sets and shipping of one to Australia and one to the USA.

| Item | Unit cost | Total cost |
|----------------------|-----------|---------------|
| FIGO Fistula Set x 2 | 1,650 | 3,300 |
| Shipping/Transport | 250 | 250 |
| Grand Total | | £3,550 |