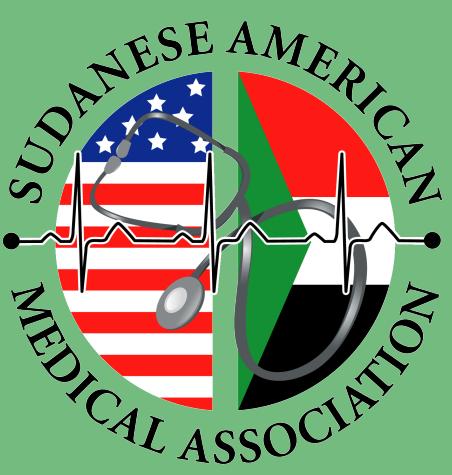


# SAMA

## 2019 Annual Report



**People, Purpose & Passion**



# **Sudanese American Medical Association**

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# **Sudanese American Medical Association**

## **Foreword**

I would like to congratulate the Sudanese people worldwide on their successful revolution in 2019; a great year for the Sudanese people around the globe. Not only did we remove a dictator and an extremist regime, but we also managed to regain our presence on the international map.

For SAMA, this translated into a grant from UNFPA enabling us to employ more staff to allow program expansion in Sudan. Additionally, SAMA expanded the Women's Health Program to Darfur and South Kordofan; areas that were unsafe to work in previously. Since 2016, more than 1,400 midwives have been trained on Jhpiego Helping Mothers Survive - HMS modules. Moreover, SAMA introduced training and awareness on gender based violence for the first time in 2019.

With your support and generosity, hundreds of patients received high quality medical supplies at over 28 hospitals and health centers, relieving the financial burden on them.

Over 2,000 patients received medical and health services at Omer Elnefeidi Primary Healthcare Center in Alhaj Yousif. This, SAMA-operated, clinic serves an inner city community, providing primary care physician visits, antenatal care, child immunization, optometric screening and laboratory services.

Another milestone for the organization this year was developing SAMA strategic plan for 2020 – 2025. This strategic plan allows staff to focus on implementation and growth while maintaining the mission and vision of the organization in a streamlined process.

Thanks to our members and donors, SAMA continues to focus it's mission on improving health services through training, education and capacity building in Sudan.

Nahla Gadalla, PhD  
Executive Director

# **Sudanese American Medical Association**

## **Full Time Staff - Leadership**



**Nahla B. Gadalla, PhD**

**Executive Director , Greater Washington DC**

Dr. Gadalla was appointed to this leadership position in May 2016. Since then, she has established SAMA partnerships with several US and UN organizations and expanded SAMA programs. She leads the overall strategic and operational responsibility for SAMA programs. Prior to her current role, Dr. Gadalla was a Post-Doctoral Fellow at the National Institutes of Health (NIH), she holds a PhD in Molecular Biology of Infectious Diseases from London School of Hygiene and Tropical Medicine (LSHTM), United Kingdom.



**Esra S. Salih, MBBS, MPH**

**Deputy Director, Sudan Office**

Dr. Esra Salih was appointed in 2018 to deveop SAMA's Midwifery Training Program. She expanded this program from a single state to a national program spanning eight states. In 2019, Dr. Salih was promoted to the position of Deputy Director of the Sudan Office to lead SAMA programs and staff in Sudan.

Dr. Salih graduated from Ahfad University in 2008, and completed MPH in 2016 from the same university. Prior to joining SAMA, she worked with the Sudan Federal Ministry of Health.

# Sudanese American Medical Association

## Full Time Staff - Sudan Office



**Abdulmajid A. Abdulmajid, BSc  
Accountant/IT**

Mr. Abdulmajid was appointed to SAMA in March 2019 to support the IT needs at SAMA's Primary Healthcare Center. He later took on the position of accountant. Abdulmajid graduated with a Bachelor's degree (with honors) in Information Technology from the University of Khartoum in 2018.



**Wael Kamil, MBBS  
Medical Director, PHC**

Dr. Kamil was appointed to SAMA in May 2019 to lead SAMA's Primary Healthcare Center. Dr. Wael graduated with a Bachelor's degree in Medicine & Surgery from the National Ribat University in 2012. He worked as a Medical officer prior to joining SAMA.



**Sahar Ebrahim, BSc  
Maternal & Child Health Officer**

Ms. Ebrahim was appointed to SAMA in October 2019 as Maternal & Child Health Officer. She is working to establish the child health program with FMOH and Khartoum State MOH.

Ms. Ebrahim graduated with a Bachelor's degree in Public Health (with honors) from the University of Khartoum & currently working on her Master's degree in Public Health .



**Yussra Mohamed, MBBS, MPH  
Programs Officer**

Dr. Mohamed was appointed to SAMA in October 2019 as SAMA Programs Officer. She is responsible for expanding the scope of SAMA programs in gender based violence and other areas. Dr. Mohamed graduated from Ahfad University in 2014, and earned a Master's Degree in Public Health from the American University in Beirut in 2017.

# Sudan Programs

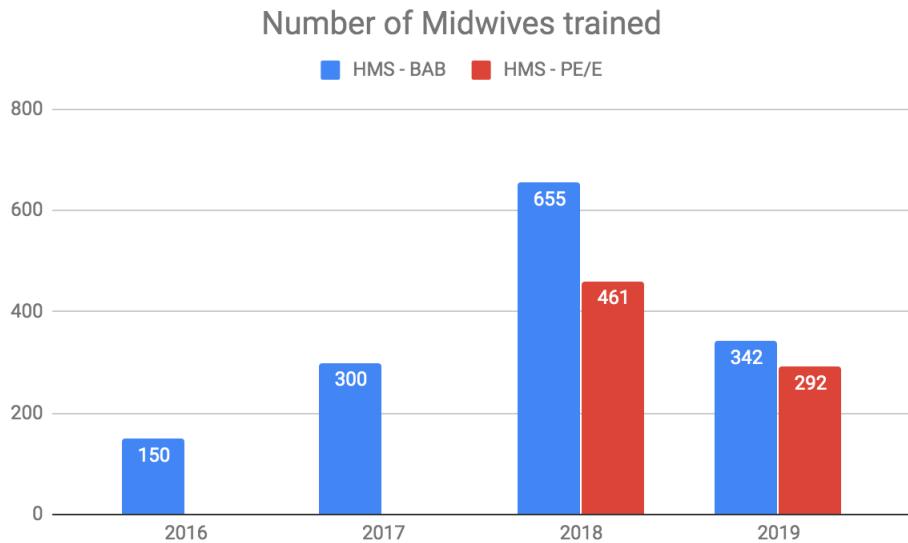
## Women's Health Program

### Midwifery Training

#### Jhpiego Helping Mothers Survive (HMS) Training

Jhpiego, a non profit affiliate of Johns Hopkins, has developed a training program for midwives in low resource settings to combat maternal death from Bleeding after Birth (BAB) and Pre-eclampsia/Eclampsia (PE/E). In collaboration with the Sudan Federal Ministry of Health, SAMA has been training midwives in these competencies since 2016.

In 2019, SAMA trained 342 midwives in HMS-BAB and 292 midwives in HMS-PE/E, this achievement was possible with the commitment of SAMA staff delivering during the historic revolution while the country was



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#### Extending SAMA programs to Kassala



**Kassala** Village midwives receiving training by SAMA Trainers.

Training in Kassala was conducted in the local Beja dialect.

## Sudan Programs

### Women's Health Program

#### Midwifery Training - Darfur & Kordofan

##### Expanding SAMA programs in West Darfur & South Kordofan - supported by UNFPA

In spite of the civil unrest, SAMA was able to extend & expand training in Kordofan and Darfur. In 2018, SAMA trained midwives in North Kordofan and North Darfur. In 2019, SAMA continued to deliver training in North Darfur, and supported by a grant from the United Nations Population Fund (UNFPA), SAMA trained 100 midwives in West Darfur and South Kordofan. Two areas which haven't had midwifery training for a prolonged hiatus.



**West Darfur** Village midwives receiving training by SAMA Trainers in Alginena, West Darfur.



**South Kordofan** Village midwives receiving training by SAMA Trainers in Kadugli, South Kordofan .

# Sudan Programs

## Women's Health Program

### Midwifery Training



#### A National Program

From a single state (Gezira), SAMA's Midwifery training program has now reached 8 states. Till end of 2019, the total number of midwives trained was 1447 in 8 states (colored green in the map above)

## **Sudan Programs**

### **Women's Health Program**

#### **Activism Against Gender Based Violence**

In 2019, SAMA organized awareness sessions at two girls high schools in Khartoum. The 200 schoolgirls were trained on: Girls rights to education, harmful effects of early marriage and childbirth, hygiene practices, and Female Genital Mutilation.



**Ms. Tahani Abbas**

A Women's Rights activist delivered a lecture



**Ms. Hibatallah Dafalla**

A Women's Rights activist delivered a lecture



# Sudan Programs

## Primary Healthcare Center (PHC)

### A Collaborative Model for Primary Healthcare

In 2015, Elnafeidi Group, a Sudan-based large family-owned business, built a Primary Healthcare Center (PHC) in Alhaj Yousif (an inner city neighborhood) in Khartoum, Sudan. In July 2018, SAMA partnered with Sadagaat Charity Association in operating the clinic with the following objectives:

- Quality:** Good Quality healthcare (exceeds the current level of care in the public sector), gives patients a positive experience, maintains patient dignity and privacy.
- Affordability:** the price of services paid must be affordable and means adjusted, no patient declined healthcare due to financial status
- Financial sustainability:** the PHC will balance the requirements of Quality & Affordability with revenues generated to be financially sustainable

#### Staff & Services:

- Family Medicine physician
- Laboratory
  - Hematology
  - Chemistry
  - Coagulation
  - Microscopy
- Pharmacy
- Child Immunization & Nutrition
- Antenatal care
- Minor Surgery
- Nurse Station
- Optician

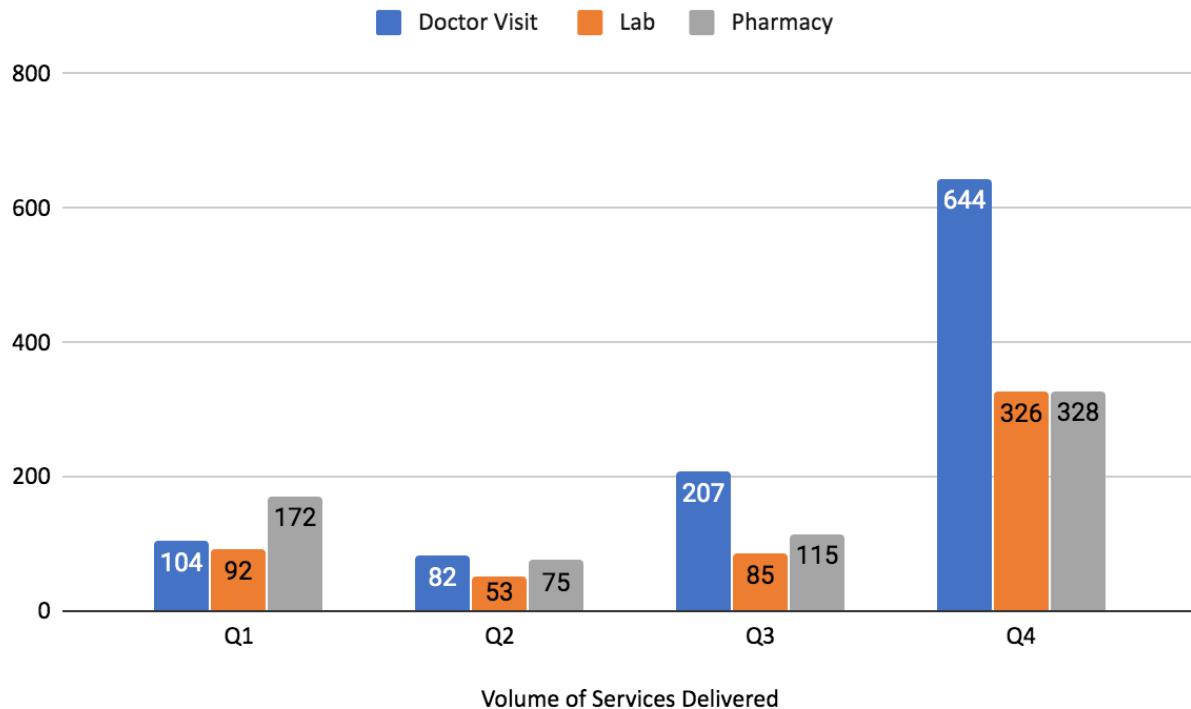
Month/Year	Milestone
May 2018	SAMA signs partnership agreement with Sadagaat
July 2018	SAMA hires medical and administrative director
Jul to Nov 2018	Sadagaat & Elnafeidi conduct extensive renovation that includes: building, water supply, electrical supply, waste disposal
Nov 2018	clinic and optician starts operation
Nov 2018	lab starts operation
Dec 2018	pharmacy starts operation
May 2019	New Medical Director hired
July 2019	Khartoum State Insurance Fund approves payments to clinic
	Sadagaat & Elnafeidi Charity install a solar panel to provide electricity during outages
Aug 2019	
Dec 2019	Awareness Campaign



## Sudan Programs

### Primary Healthcare Center (PHC)

#### A Collaborative Model for Primary Healthcare



#### Increased Utilization

In 2019, the first 3 quarters showed low utilization of services offered. The fourth quarter demonstrated a growth spurt in utilization. This was achieved as a result of multiple interventions, a change in the leadership of the local council (following the revolution), installation of a solar panel (picture below left), inclusion of the PHC services in Khartoum State Health Insurance Authority.



## Sudan Programs

### Medical Supplies Program

#### History

Since 2015, SAMA has been importing Medical Supplies to Sudan from the USA (see table below), this started by Air shipments and matured into a 40-foot container shipped by sea in 2018. SAMA's second container was shipped from USA in October 2019 and was pending clearance in Customs at the end of 2019.

2015			
Echocardiography Machine Shaab Hospital	Durable	Shaab Hospital	Air
Handheld Echo*	Durable	Sudanese Children Heart Society	Air -checked-in luggage
2016			
Surgical Instruments for OBGYN	Durable	Gezira State Hospitals	Air
Clean Birthing Units	Consumable	Gezira State Midwives	Air
Bone Graft Harvest Trays*	Durable	KDTH & Soba Hospital	Air -checked-in luggage
Surgical Instruments & Supplies	Durable & Consumable	Mycetoma research center	Air
Cubarithms*	Durable	Alnour Center for the visually impaired	Air -checked-in luggage
2017			
Colposcopy, cryotherapy & LEEP Equipment	Durable	Soba Colposcopy & Cervical Neoplasia Center	Air
Operating Microscope	Durable	KDTH	Air
Mitral Valve Retractor*	Durable	Ahmed Gasim Hospital	Air
Clean Birthing Units	Consumable	Gezira State Midwives	Air
2018			
Surgical Instruments for OBGYN	Durable	North Kordofan Hospitals	Air
Surgical Instruments for craniofacial surgery	Durable	KDTH	Air
Clean Birthing Units	Consumable	Midwives	Air
40-foot container	Durable - non electric& Consumable	25 Hospitals & Centers	Sea

\*were purchased from US vendors by SAMA

# Sudan Programs

## Medical Supplies Program

### Beneficiaries

In 2018, SAMA imported its' first 40 foot container of medical supplies from the USA to Khartoum. The medical supplies are predominantly sterile, high quality, medical consumable supplies, in addition to durable, non electric medical equipment. In 2019, SAMA continued the distribution of its' contents outlined in the table below. Furthermore, SAMA received 20 glucose meters and over 10,000 test strips that were distributed nationally through the Sudan Childhood Diabetes Center and to Hasaheisa Children with Diabetes Association.

Hospitals in Khartoum

Hospital	Specialty
Gaafer Ibnouf Hospital	Children
Omdurman Children Hospital	Children
Albolok Hospital	Children
Soba University Hospital	Multispeciality
Ibn Sina Hospital	Multispeciality
Ibrahim Malik Hospital	Multispeciality
Turkish Hospital	Multispeciality
Bahri Hospital	Multispeciality
Bashair Hospital	Multispeciality
Omdurman Hospital	Multispeciality
Sharq Elnil Hospital	Multispeciality
Alnaw Hospital	Multispeciality
Jabir Abulizz Diabetes Center	Diabetes
Shaab Teaching Hospital	Heart & Chest
Almoalim Medical City	Multispeciality
Kidney Transplanted Hospital	Kidney Disease
Selma Dialysis Center	Kidney Disease

Hospitals & Clinics (National)

Hospital	State
Wad Medani Hospitals	Gezira
Abuharaz Clinic	Gezira
Gedarif Hospital	Gedarif
Almiseiktab Hospital	River Nile

Centers for the Disabled in Khartoum

Center	Target
Elnour Educational Center	For the Visually Impaired
Khartoum Cheshire Home	Children with physical disabilities
Basmat Khayr	Children & Adults with disabilities

Patient Support Groups

Center	Target
Anonymous	Civilian Injuries during the Sudan Revolution
Sudanese Children's Heart Society	Children with Heart Disease
Sudan Childhood Diabetes Center	Children with Diabetes Khartoum
Children with Diabetes Association Clinic - Hassaheisa	Children with Diabetes Gezira

## Sudan Programs

### Medical Supplies Program

#### Beneficiary centers - Highlights



**Right: Dr. Gihan Jaffer, Director General of the Kidney Transplanted Hospital & Medical Director of Ibn Sina Hospital receiving permanent dialysis catheters from SAMA.**

Permanent Dialysis catheters are implanted in patients with a continuing need for dialysis while a fistula matures. Each catheter costs the equivalent of \$133 , making it a significant financial burden on dialysis patients. SAMA donations enable public access hospitals to deliver care to those most at need (both clinically and financially).



**A disabled young adult, affiliated with Cheshire Home for the disabled, receives a mobility bike**



**A child with Diabetes , affiliated with HassaHeisa Children with Diabetes Association in Gezira state, receives Diabetes testing supplies.**

## Sudan Programs

### Colorectal Cancer Program

### Heart Program - Coronary Stents

#### Colorectal Cancer

Colorectal Cancer is the second commonest cancer in men & the third commonest cancer in women.

Survivors of rectal cancer (a form of colorectal cancer) undergo surgery that results in removal of the rectum and diversion of feces through an opening in the abdominal wall - colostomy. Rectal Cancer survivors living with colostomy need to change the bag frequently. If purchased from the local market, the cost is significant for patients in Sudan, forcing the majority of them to reduce the number of bags they use, creating a social and psychological hardship.

With a grant from Central Care Cancer Center in Salina, KS, USA, SAMA supplied Colostomy bags directly to Colostomy patients. 25 patients have received their needs of colostomy bags for free as a result of this program.



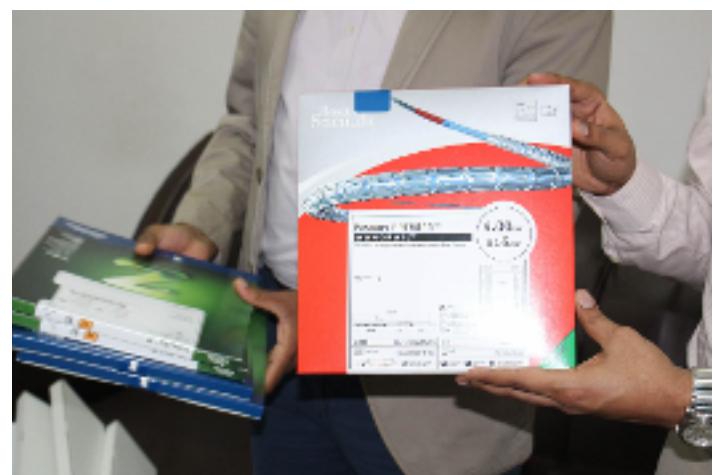
Elfaki Adam Sulieman, Palliative Care Nurse in Soba Hospital, discusses the impact of SAMA Colorectal Cancer project on patients living with a colostomy. To view the video, click [here](#).

#### Heart Program

Dr. Omar Alfatih Ali, Director of the Cardiac Cath Lab, Interventional Cardiologist, Harper University Hospital and Ark Medical Center, Detroit, MI; performed complex coronary interventions with colleagues at Shaab Teaching Hospital. Supplies used in the procedures were kindly donated by Boston Scientific. A total of 38 stents were donated. This is the first donation from Boston Scientific to SAMA.



From left to right, Dr. Omar Alfatih Ali, with Dr. Eltayib Hamid, Shaab Teaching Hospital performing complex coronary procedure.



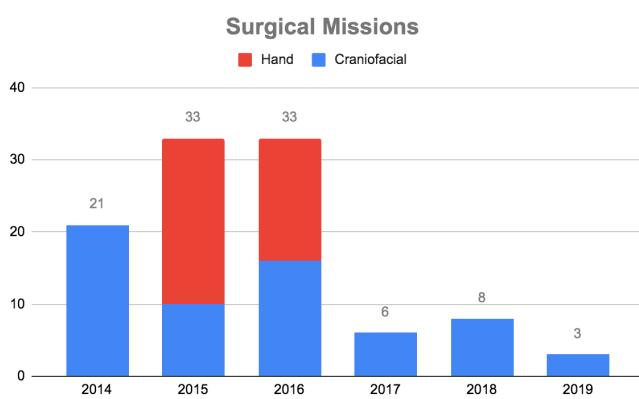
Coronary stents are metallic springs that are loaded on balloons and inserted in narrowed coronary arteries to relieve blockages in patients who had a heart attack or angina.

## Sudan Programs

### Craniofacial & Plastic Surgery

#### Surgical Mission

Since 2014, SAMA has sponsored surgical missions to Sudan led by Dr. Haithem M. Elhadi Babiker (picture right), a Maxillofacial & Plastic Surgeon working at Cincinnati Children's Hospital and Medical Center (ranked 2nd best children's hospital by US News and World Report, 2018). To date, more than 110 surgeries have been performed in Maxillofacial & Plastic Surgery in public sector hospitals in Sudan. All these patients would not have been able to travel overseas for these surgeries.



The highlight of the 2019 mission was the performance of reconstructive surgery utilizing the operating microscope donated by SAMA to Khartoum Dental Teaching Hospital. The patient was a 25 year old female with a facial tumor. The tumor was resected and the face was reconstructed with a bone flap from the leg. Two complex cleft surgeries were also performed during the mission .

\$15,000 worth of surgical instruments were also donated to Khartoum Dental Teaching Hospital.



**Left:** Dr. Mohamed Ahmed Eltayeb Elhassan, Plastic Surgeon, Merowe Hospital in Northern State uses the Operating Microscope to perform advanced microvascular surgery. Dr. Eltayeb had scrubbed with Dr. Haithem M. Elhadi during his surgeries in Sudan over the years. In 2017, SAMA partially sponsored Dr. Elhassan to attend a 4 weeks plastic surgery observership in Cincinnati Children's Hospital & Medical Center. Since then he returned to work as the only Plastic Surgeon in the Northern State.

## Sudan Programs

### Kidney Program

#### Mohamed Elamin Awad Memorial Lecture & Award

The late Dr. Mohamed Elamin Awad was the past President-elect of the Sudanese Nephrology Society. He greatly contributed to training and education in Nephrology in Sudan. SAMA commits to sponsor an annual Lectureship and award in honor of Dr.Mohamed Elamin's legacy. The lecture is a State-of-the-Art talk on a Nephrology topic of interest to physicians and nephrologists given by an expert in the field. The award recognizes the Sudan Nephrology Fellow who demonstrates excellence and dedication during the fellowship training.



**Dr. Arif Mutwali**



**Dr. Sara Elsir**

Assistant Professor, Weill Cornell Medical College, Doha, Qatar presented the 2019 Mohamed Elamin Awad Memorial Lecture for 2018 entitled "Managing Chronic Kidney Disease in the era of SGLT2 Inhibitors "

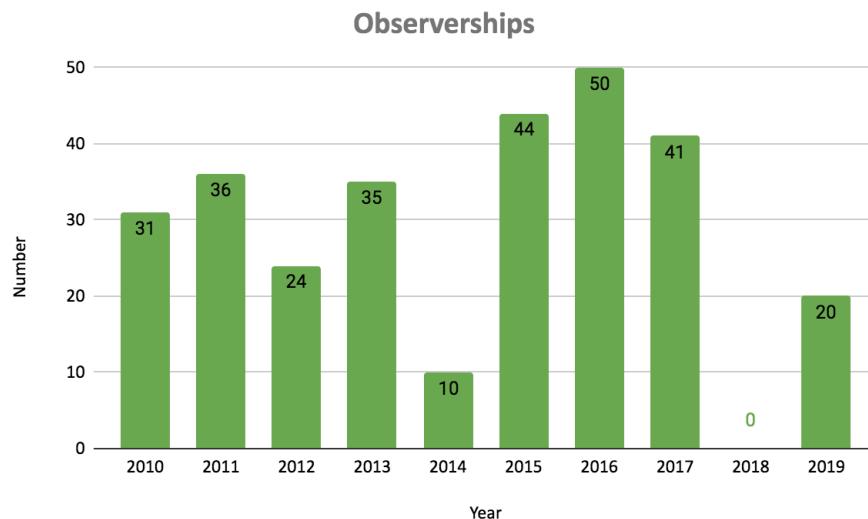
received the 2019 Mohamed Elamin Awad Award for excellence and dedication during Sudan Nephrology fellowship training.

#### Continuous Renal Replacement Therapy Workshop - July 2019

Dr. Elwaleed Ali Mohamed Elhassan , Director of SAMA Renal Programs, Consultant in Nephrology & Hypertension, King Abdulaziz Medical City, Riyadh, KSA, previously Wayne State University, Detroit, MI conducted a one day workshop on Continuous Renal Replacement Therapy to the faculty and trainees in Nephrology and Critical Care in Soba University Hospital (picture below).



## US Programs



## Observerships

Since 2010, SAMA has provided observerhip training opportunities for Sudanese physicians seeking a medical career in the US. These positions are key to introducing international medical graduates to the US clinical experience, offering them a competitive edge in the residency application process. In 2019, after a one year hiatus, SAMA provided observerships to 20 residency applicants in Pediatrics & Internal Medicine.

## Fundraising - Grassroots

In 2019, SAMA was selected by 3 different youth organizations to be the recipient of the proceeds of their events.

1. The Arizona Chapter of the Sudanese Diaspora Network organized "A Night for Sudan" and raised \$4,716.50 that was donated to SAMA's Medical Supplies Program.
2. Sudanese American Youth in California organized a soccer tournament "CA Kickball for Sudan" and raised \$3,461 that was donated to SAMA.
3. Sudanese American young professionals in New York organized "Madaniya" an art event commemorating the sit-in campaign that was violently dispersed in June 2019. This event raised \$16,060.



## Finances-Preliminary

### 2019 Annual Financial Report for Both US & Sudan Offices

<b>Summary</b>	<b>2019</b>
In-Kind donations from the USA	\$1,007,583.00
Individual Donors - Cash	\$207,986.90
Grants-Cash	
UNFPA Grant	\$28,856.32
Corporate donations in the USA - Cash	\$3,500.00
Miscellaneous	\$1,007.74
Membership fees in the USA	\$400.00
<b>Income</b>	<b>\$1,249,333.96</b>
Medical Supplies - InKind	
40-foot Container	\$509,874.00
Heart program	
5 CRT-Ds	\$498,357.39
Women's Health Program	
Midwifery training	\$34,945.62
Medical Supplies-	
Shipping & Processing Fees	\$32,216.62
Primary Health Center	
Haj Yousif	\$11,732.55
Humanitarian Response	
Alnihood	\$8,000.00
Breast Cancer Awareness	
Implemented by Sadagaat	\$6,262.00
Gaffer Ibnouf Hospital	
Grant to Sadagaat	\$5,000.00
Cancer program	
Colostomy Program	\$3,150.36
Surgical Mission	
Craniofacial	\$1,491.43
Admin	\$116,995.15
Other	\$902.57
<b>Expense</b>	<b>\$1,228,927.69</b>
<b>Balance</b>	<b>\$20,406.27</b>



## People, Purpose, Passion Pathway to success

