



MISSION:RESTORE

CELEBRATING 10 YEARS OF LIFE-CHANGING IMPACT





# A GLOBAL HEALTH CHALLENGE

A photograph of an operating room. A large, circular surgical light fixture with multiple lenses is mounted on the wall, casting a bright light. Below it, a patient is lying on a surgical table, covered with an orange drape. The room has white tiled walls and a dark floor.

**5 billion** people lack access to essential surgical care

**Over 50 million** traumatic injuries occur globally each year

**Over 90%** of these occur in low- and middle-income countries

As a result, more than

**5 million**

people die from these injuries every year, a total that is **greater than the number of deaths from HIV/AIDS, malaria, and tuberculosis, combined**

Approximately **30%** of the global burden of disease **requires surgical intervention**

Yet the **poorest one-third** of the world's population **receives only 6% of surgeries performed worldwide**



# A GLOBAL HEALTH CHALLENGE

## Meeting Surgical Capacity Need

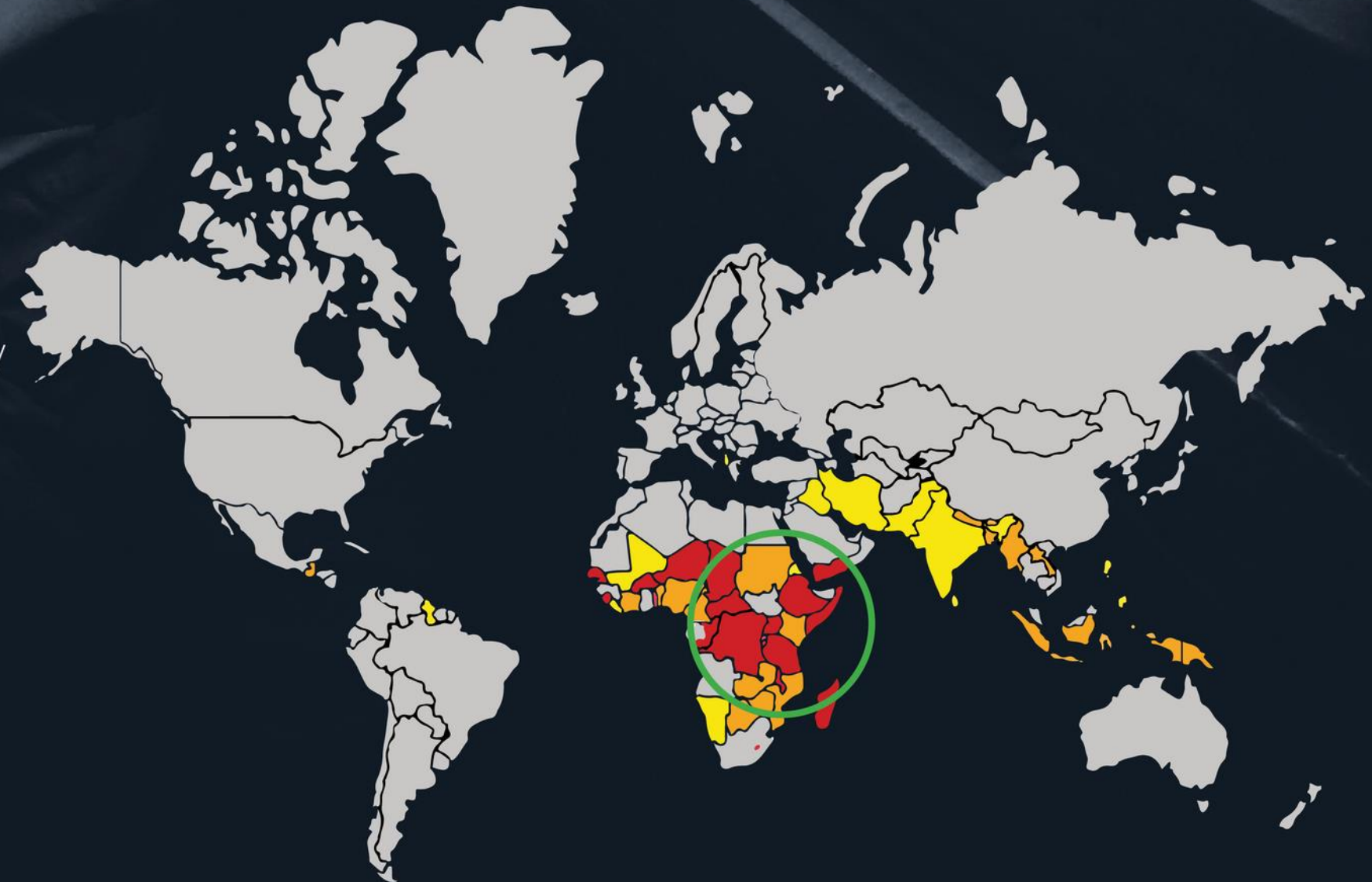
Change in density of surgical workforce needed for specialist surgical, anesthetic, and obstetric (SAO)-only model\* to meet SAO providers per 100,000 population by 2030

● 10.1-16.0

● 16.1-19.0

● >19.0

○ Where We Now Operate



\* Map adapted from Figure 10 in - Meara, John G., Andrew JM Leather, Lars Hagander, Blake C. Alkire, Nivaldo Alonso, Emmanuel A. Ameh, Stephen W. Bickler et al. "Global Surgery 2030: evidence and solutions for achieving health, welfare, and economic development." The Lancet 386, no. 9993 (2015): 569-624.



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OPPORTUNITY FOR IMPACT

**For every \$1 spent on  
strengthening local surgical  
capacity, \$10 is generated  
through enhanced health and  
increased productivity**

THE LANCET

# OUR MODEL



## Surgical Training Visits

Hands-on training from highly-skilled surgeon educators



## Surgical Education Grants

Support for community-minded, promising young doctors to continue their plastic and reconstructive surgery training



## Telemedicine

Ongoing remote consultation, mentoring, and monitoring of outcomes where surgeons learn from mentors abroad



## Regional Trainings

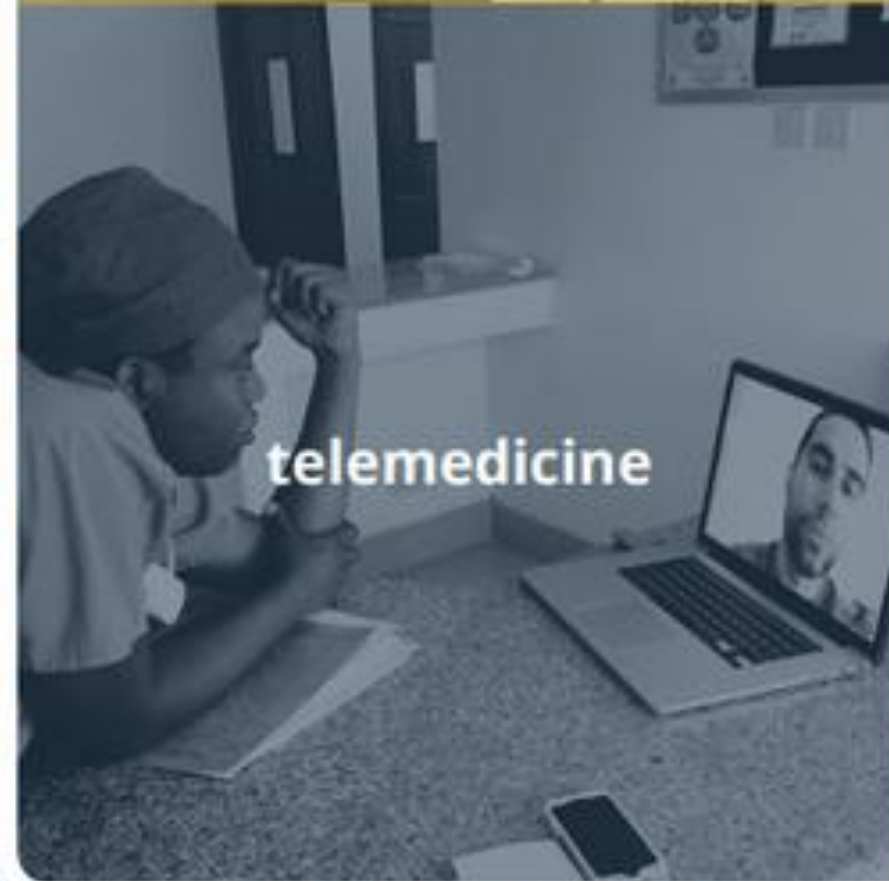
Multi-day workshops where surgeons across Africa come together to learn and expand their professional network



# OUR PHILOSOPHY

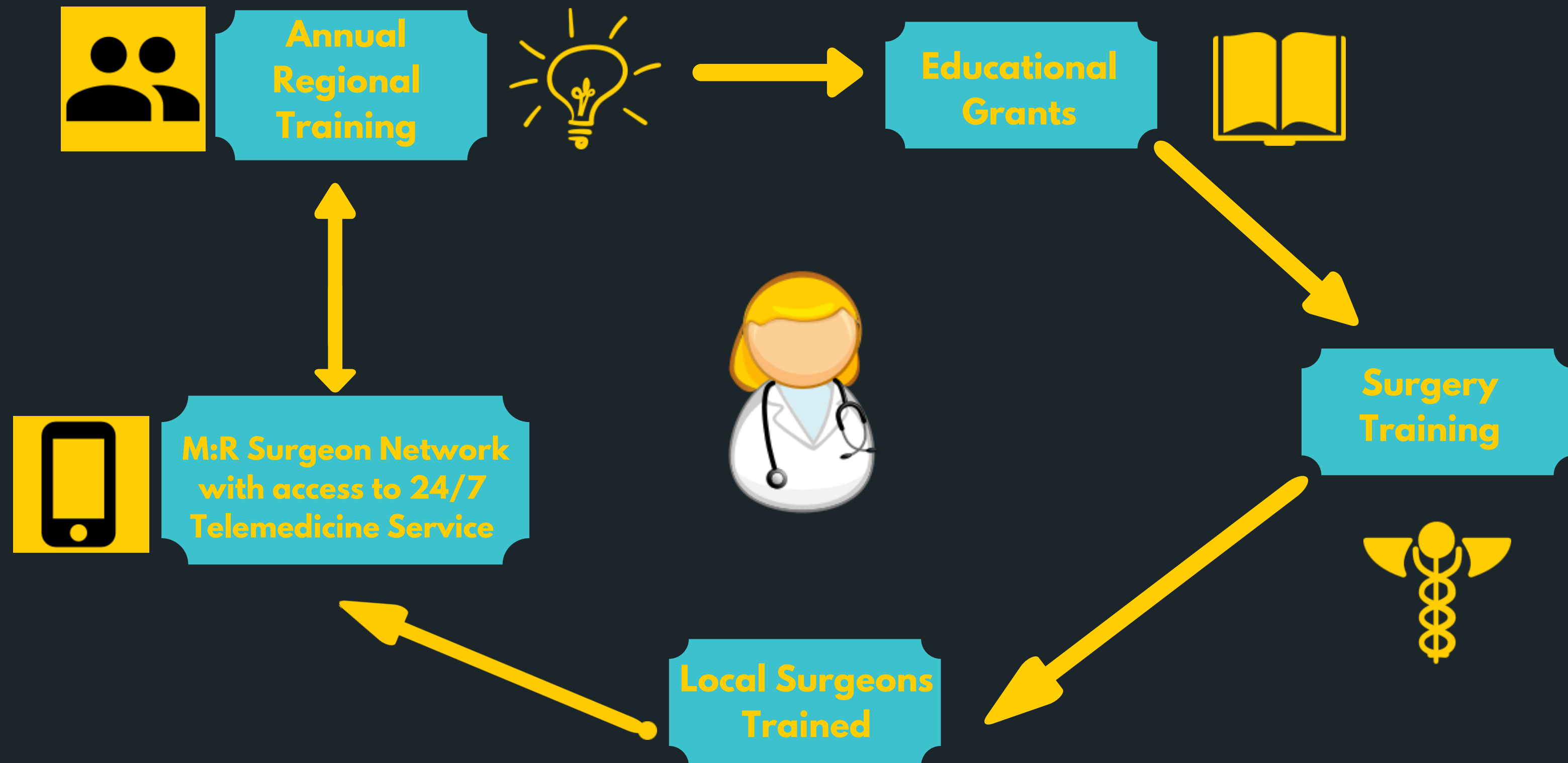
OPERATE WITH, NOT FOR

DEPTH OVER BREADTH



PRIORITIZE EDUCATION

USE LOCAL RESOURCES



**A Doctor's Journey Through Mission: Restore**

# MISSION: RESTORE BY THE NUMBERS

## 2010-2020

**27**

Countries Visited  
with active Training

**278**

Number of  
Surgeons Trained

**744**

Complex Surgeries  
Performed

**1280**

Number of  
telemedicine dialogues

**2,162**

Hours of Hand-on  
Surgical Training



# OUR GLOBAL REACH



# MISSION: RESTORE MILESTONES

2010

Mission: Restore is founded by Dr. Kaveh Alizadeh in **response** to the devastating earthquake in Haiti provide disaster **relief** to those affected.

2011

Mission: Restore **expands** to provide **access** to much needed healthcare services in war-torn countries such as Iraq and Afghanistan.

2014

Mission: Restore focuses on surgical **training in East and Central Africa** where there is the greatest need for **building surgical capacity**.

2016

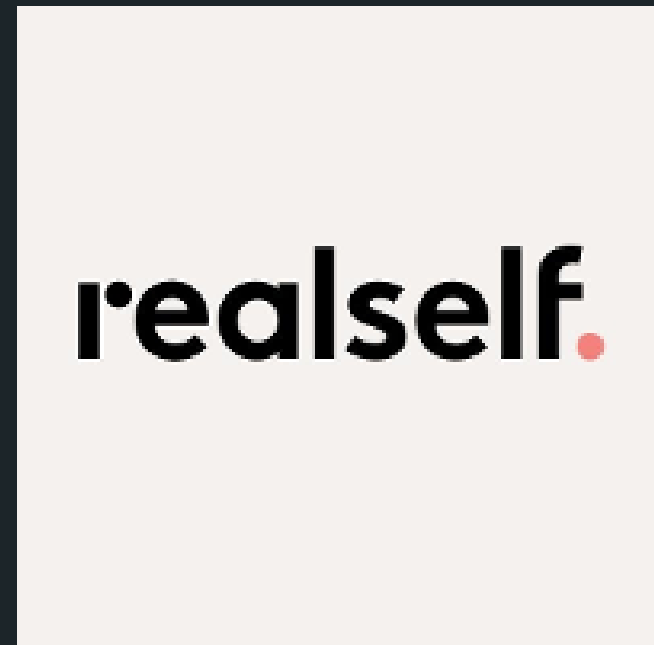
Mission: Restore hosts the **first** Africa Regional Training Summit in Kenya and **awards first** educational grants for surgery residencies.

2019

Mission: Restore **graduates** their first educational grantee and **leads** all surgical training taught by all African trainers.



# OUR SUPPORTERS



Our Advisors		African Advisory Board	
<div> <div></div> <div> Dr. Andrea Pusic  <b>Chief of Plastic Surgery B&amp;Y Hospital and Professor, Harvard Medical School</b> </div> </div>		<div> <div></div> <div> Dr. Peter Biribwa  Coast General Hospital, Kenya </div> </div>	
<div> <div></div> <div> Dr. David Song  <b>Chairman of Plastic Surgery, Georgetown University School of Medicine</b> </div> </div>		<div> <div></div> <div> Dr. Metasebia Abebe  St. Paul Millennium Medical College, Ethiopia </div> </div>	
<div> <div></div> <div> Dr. Lawrence Gottlieb  <b>Director of Burn and Complex Wound Center, University of Chicago Hospitals</b> </div> </div>			
<div> <div></div> <div> Dr. Christine Rhode  <b>Chief of Microvascular Services, Columbia University School of Medicine</b> </div> </div>		<div> <div></div> <div> Dr. Phillip Makoye  Bugando Medical Center, Tanzania </div> </div>	
<div> <div></div> <div> Dr. Alexander Dagum  <b>Chief of Plastic and Reconstructive Surgery, Stony Brook School of Medicine</b> </div> </div>		<div> <div></div> <div> Dr. Dorothy Bbaale  CoRSU Rehabilitation Hospital, Uganda </div> </div>	
<div> <div></div> <div> Dr. Joyce Aycock  <b>Associate Professor, University of Colorado Plastic and Reconstructive Surgery</b> </div> </div>		<div> <div></div> <div> Dr. Francis Tegete  Bugando Medical Center, Tanzania </div> </div>	
<div> <div></div> <div> Dr. Morad Askari  <b>Associate Professor of Plastic Surgery, University of Miami Miller School of Medicine</b> </div> </div>		<div> <div></div> <div> Dr. Tingadini Nyoni  Parirenyatwa Hospital, Zimbabwe </div> </div>	
<div> <div></div> <div> Dr. Silvio Podda  <b>Chief of Plastic Surgery, St. Joseph’s Children’s Hospital, New York Medical College</b> </div> </div>		<div> <div></div> <div> Dr. Sameer Pandya  Kapkatet County Hospital, Kenya </div> </div>	
<div> <div></div> <div> Dr. Stephen Harris  <b>Chief of Plastic Surgery, Good Samaritan Hospital Medical Center</b> </div> </div>			
<div> <div></div> <div> Dr. Gerhard Munding  <b>Director of Pediatric Plastic Surgery, Children’s Hospital of New Orleans</b> </div> </div>		<div> <div></div> <div> Dr. Wone Banda  Kamuzu Central Hospital, Malawi </div> </div>	



## Doctors Training Doctors

Jan. 28, 2013 11:09 pm ET

For 20 years, Kaveh Alizadeh has performed reconstructive surgeries in countries that have been affected by war and natural disaster all over the world. Now, in addition to helping victims, he also hopes to create infrastructures for doctors in those countries.

Michael Seo, Contributor  
ReaMedica & 51inc

## Mission: Restore - building sustainable global surgical capacity

06/23/2016 06:08 pm ET | Updated Jun 24, 2016

# MISSION: RESTORE IN THE NEWS



WORLD · Published July 26

## Women plastic surgeons in Africa leading charge against most underreported health epidemic impacting males



# OPPORTUNITY FOR IMPACT

## DR. WONE BANDA, MALAWI

"We have only **TWO** qualified reconstructive surgeons in Malawi serving a population of **17 million people**. I am the lone surgeon in my hospital and have to deal with setting up a unit without a mentor. Mission: Restore has provided me with a platform to network, share, and learn different perspectives, exchange knowledge and ideas on how to keep building."





# WOMEN IN SURGERY

HOW DO WE MAKE SURE THAT THE DOCTORS WE TRAIN STAY IN THEIR COMMUNITIES?

- We focus on training women since they are more likely to stay engaged and remain in their communities long term

HOW WE HAVE MET THE CHALLENGE

- We recruit, train and support female surgeons to become leaders in their communities overcoming the gender gap





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## **MISSION: RESTORE INCUBATOR**

Burn and Reconstructive Training  
Unit within a Public Sector Hospital

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## **MISSION: RESTORE MENTOR**

Teaching negotiation skills with  
hospitals, vendors, and doctors

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## **MISSION: RESTORE FINANCER**

Partnerships to provide loans to help  
start parallel practices

# **THE ROAD AHEAD**

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**WE ARE NOW READY TO  
DRIVE SUSTAINABILITY  
THROUGH NEW INITIATIVES**





**IF YOU WANT TO GO  
FAST, GO ALONE. IF YOU  
WANT TO GO FAR, GO  
TOGETHER.**

**-AFRICAN PROVERB**

JOIN MISSION: RESTORE AS WE BUILD THE  
FUTURE HEALTH CARE WORKFORCE TO REACH  
THE BILLIONS IN NEED OF CRITICAL CARE.





# HOW CAN YOU HELP?

Every dollar that is donated to Mission: Restore goes directly to improving our programs, educating health care providers, and ensuring that patients are getting the best possible care possible

- \$250 helps fund a Surgery for child with no access to medical care
- \$1000 helps cover the costs for one week of training and complex surgical procedures for 20 patients
- \$10,000 helps with our educational grant that will train 2 surgeons to be able to take care of over 10,000 patients in their community
- \$50,000 will provide the funding for the annual Africa Regional Training (ART) Summit that can train over 100 surgeons



**CIARA LOCKHART RAISED \$4000 AT  
HER LOCAL HIGH SCHOOL IN ONE DAY**



# REACH OUT



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