



7th Pan African Association of Cleft Lip and Palate (PAACLIP) Congress

**CLEFT CARE IN AFRICA –
Reorganization and Repositioning for Excellence**





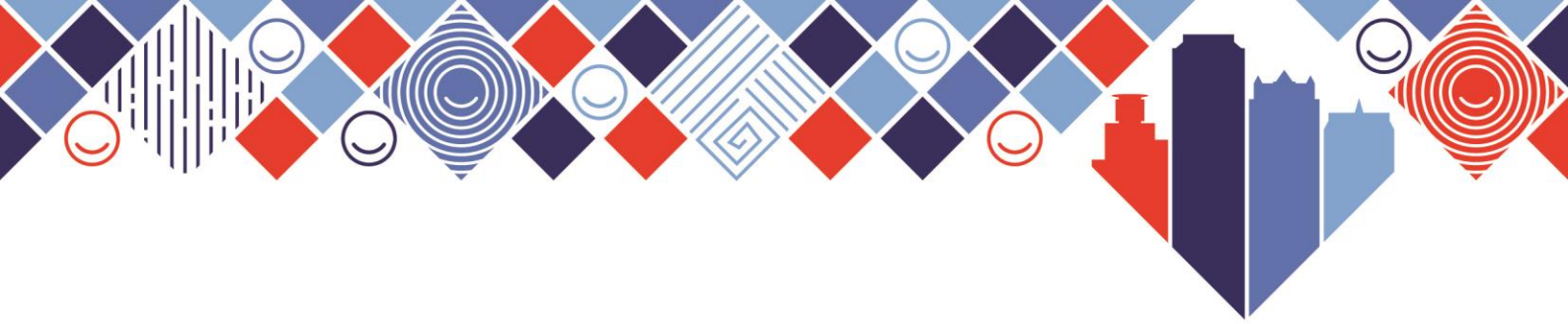
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Guest of Honor



Dr Aspect Maunganidze
Permanent Secretary for Health and Child Care
Republic of Zimbabwe





Dr. Susannah Schaefer
President and Chief Executive Officer,
Smile Train






Keynote Speaker



Dr. Richard Hopper

Medical Director, Plastic Surgery, Austin Campus,
Samuel Stal, MD Endowed Chair,
Professor of Surgery, Division of Plastic &
Reconstructive Surgery, Michael E. DeBakey
Department of Surgery,
Baylor College of Medicine



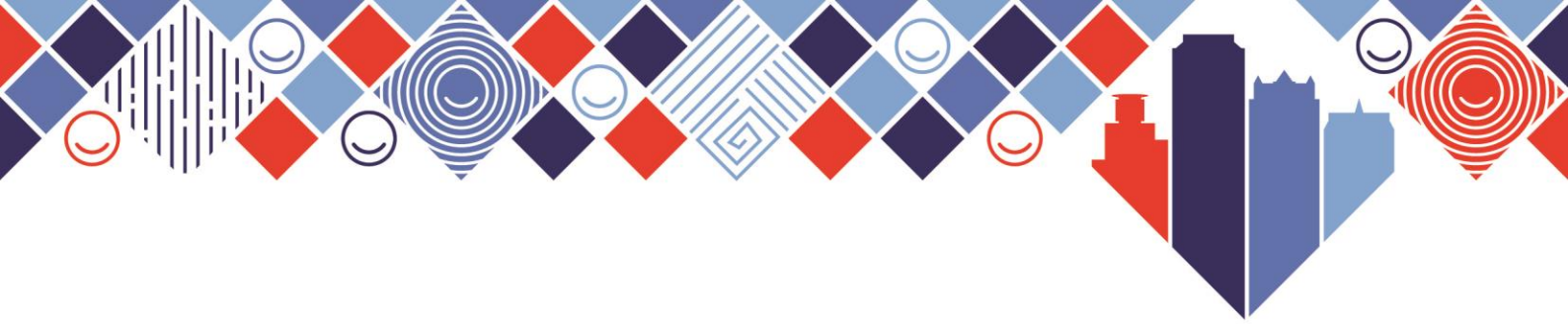


PAACLIP President



Dr. Asrat Mengiste
Plastic and Reconstructive Surgeon.
College of Health Sciences Addis Ababa
University, Ethiopia.





PAACLIP Local Organizing Committee



Dr. Tsitsi Chimhundu-Sithole
Chairperson
(Pediatric Anesthesiologist, Zimbabwe)

Welcome note by Smile Train Vice President and Regional Director for Africa, Mrs. Nkeiruka (NK) Obi



Welcome to the 7th PAACLIP Congress!

It is my honor and privilege to welcome you to this important Pan-African regional conference on cleft care, which coincides with a significant milestone as Smile Train celebrates 25 years of transforming lives through global cleft care.

This year's congress theme, "Cleft Care in Africa: Reorganization and Repositioning for Excellence", resonates deeply with the evolving landscape of healthcare delivery across the continent, and today, we gather to explore how we can better align our efforts to provide world-class care for individuals living with cleft conditions.

As we know, Cleft lip and palate are conditions that not only affect appearance but also have profound impacts on speech, nutrition, and the overall quality of life. The journey toward effective cleft care involves more than surgical intervention—it requires an integrated approach, a strong network of healthcare providers, policymakers, community engagement, and support systems that prioritize continuity of care.

Over the last two and a half decades, we have witnessed rapid transformations that have challenged us to quickly adapt to innovations. These shifts have also brought to light the urgency of collaboration in building resilient health systems.

As I reflect on this year's congress theme, several critical questions arise which calls on each of us to reflect on our systems, strategies, and collaborations. How is excellence achieved in our programs? Are we doing enough to ensure that our interventions reach those most in need? How can we work together to standardize protocols, improve access, and ensure sustainable outcomes? Are we ready to abandon outdated practices and embrace novel solutions? How do we leverage lessons from our past experiences to create solid foundations for the future—a future where cleft care is mainstreamed and prioritized within surgical and anesthesia care, and a future where quality care is an integral part of healthcare policies? Excellence requires us not only to meet the current challenges but to anticipate the future needs of the communities we serve.

This event is an opportunity to share knowledge, best practices, and the innovations that are reshaping cleft care in Africa and beyond. Our collective goal is clear: to offer comprehensive, accessible, and patient-centred care for every child born with a cleft condition, regardless of geography or socioeconomic status.

I believe that through the insightful discussions, workshops, and collaborations ahead, we will chart a course that repositions cleft care at the heart of healthcare systems in our region, leading to improved outcomes and stronger partnerships.

Finally, I want to thank YOU for being here. I warmly welcome you to engage in candid discussions, explore new ideas, and make wonderful memories during this two-day congress in beautiful Zimbabwe.

Let's work together to forge a future where cleft care is stronger and more accessible for all in Africa.

Once again, I welcome you all and look forward to a productive and transformative conference.

Thank you.

Opening Speech by Smile Train President & CEO



Hello everyone! It is so exciting to be back again with you all after 6 years! I am Susannah Schaefer, and I have the honor of serving as President and CEO of Smile Train. Looking around the room, I feel profound pride at the growth of our programs in Africa. It is heartwarming to see so many familiar faces, and for those new to Smile Train, I hope you feel at home!

As you know, this year marks a big milestone – 2024 is Smile Train’s 25th year!

Over the past quarter century, we have grown as an organization, extended our reach and impact around the world, expanded the breadth of care and services we support, and pioneered a range of groundbreaking innovations.

Our “teach a person to fish” model is at the heart of all we do, because “teaching a person to fish” means centering empowerment and sustainability.

The results speak for themselves – from a small charity founded on a belief that things could be done differently and more effectively, we have grown into the world’s largest cleft organization.

Our North Star remains, as ever, a world where every person has access to safe, high-quality, comprehensive cleft care and can live a full and healthy life.

We will double down on developing efficient and scalable technologies that further cleft care. Our 2020 acquisition of Simulare Medical, a producer of some of the world’s leading hyper-realistic cleft simulators, is a prime example of this. Now, through this partnership, some of the most effective surgical training tools on Earth are training providers and ensuring safer surgery in more places than ever before.

This is particularly vital now. As the current generation of African cleft surgeons retires, we are further bolstering our investments in education and training to empower the NEXT generation of medical professionals, ensuring that care will continue uninterrupted for the long-term.

Similarly, we thank institutions such as the University of Nairobi, the West African College of Surgeons; the College of Surgeons of East, Central, and Southern Africa; and the College of Anaesthesiologists of East, Central, and Southern Africa for empowering more than 164 talented surgeons and anesthesia professionals, who are now bringing their skills to some of the highest-need patients in their home communities.

And together, Smile Train and Kids Operating Room are equipping our partners in places with unreliable power grids with solar panels. This means that even if the power goes out during a surgery, as too often happens, vital equipment and lights in the operating room stay on. In Africa, more than 35 theaters will benefit from these cutting-edge installations by 2025.

Our second priority is to continue making **holistic and foundational** improvements in resource-limited health systems. This means leveraging partnerships with aligned providers, innovators, and policymakers to level up our support and strengthen lasting medical infrastructure where it is needed most.

Of course, this surgical equipment can be used for procedures beyond clefts, improving safety and quality of care across the board in otherwise underserved communities.



Last, but not least — we will continue to embrace our role as **advocates** and **community leaders** for the global cleft community.

Our founder, Charles B. Wang, would be so proud of all we have accomplished over these past 25 years. He was not only an extraordinarily generous man... He thought and dreamed BIG. From day one, Smile Train was engineered to reach as many cleft-affected people as possible. And this dream has played out in a very big way.

Speaking of big dreams and big impact, I am thrilled and incredibly proud to share that earlier this year Smile Train supported our [TWO MILLIONTH LIFE-CHANGING CLEFT SURGERY](#). Not only is that more than every other charity combined – it's not even close.

To celebrate, we have created a short video. I am so happy to introduce you to Rajib and Alim . I know their journey will touch your heart.

And I know how much joy this milestone would bring Charles, too!

Speaking of the lifelong impact of our work, I am also delighted to share that Smile Train released an economic impact report earlier this year titled ***Smile Train at 25: \$69 Billion in Impact***. Yes, that's right. We found that, with the support of our global partners, Smile Train's work has boosted economies by \$69 billion US dollars in more than 90 countries over the last 25 years. Measured in averted *disability-adjusted life years*, our patients have regained 12 million total productive years globally.

In Africa alone, the 149,250 primary cleft surgeries we have supported have prevented more than 1.1 million years lost to disability, thus yielding more than \$2.5 billion in economic benefit.

As you may know, our efforts require policy support to strengthen our surgical and anesthesia capacity as mandated by the World Health Assembly. To this end, Smile Train is encouraging dialogue between policymakers, ministries of health, and experts in global surgery to help close the gap for billions of people lacking safe surgery and anesthesia care through the Pan African Surgical Healthcare Forum. We had our second outing in September and are heartened by the interest it generated. Many of you in the room are involved in one way or another, and we encourage you to keep advocating for your governments to develop and implement their National Surgical and Anesthesia Plans.

Let us keep building the momentum, which will ensure we keep our promise to our patients and our partners for generations to come.

All of these remarkable milestones and all of these wins are the result of weeks, months, and sometimes years of hard work across Smile Train and our partner network.

The skill, dedication, and energy that permeates this global family of ours is undeniable. This includes not only our extraordinary staff, but the unparalleled experts and expertise that guide our efforts – our incredible Global Medical Advisory Board, our amazing network of regional Medical Advisory Councils, and of course, all of YOU.

Thank you.



PAACLIP Executive Committee



Dr. Asrat Mengiste
President
(Ethiopia)



Dr. Pius Agbernoku
Vice President
(Ghana)



Dr. Meshach Onguti
Secretary General
(Kenya)



Dr. Rose Alenyo
Treasurer
(Uganda)



Prof. Peter Olaitan
Financial Secretary
(Nigeria)



Dr. Edward Wayi
East African Representative
(Tanzania)



Prof. Adebola Adetokunbo
West African Representative
(Nigeria)



Dr. Saraiva Simao
South African Representative
(Mozambique)



Prof. Emmanuel Crezait
Francophone Representative
(Cote D'Ivoire)



Prof. Peter Donkor
Immediate Past President
(Ghana)

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Chair
(OMS, Ghana)



Prof Adeola Olusanya
Vice Chair 1
(OMS, Nigeria)



Dr. Tirunesh Busha
Vice Chair 2
(Anesthesiologist, Ethiopia)

Seth Gyamfi
(Social Worker, Ghana)

Dr. Tsitsi Chimhundu-Sithole
(Pediatric Anesthesiologist, Zimbabwe)

Miriam Nabie
(Nutritionist, Kenya)

Dr. Benjamina Rakotoson
(Family Physician, Madagascar)

Dr. Ataklitie Baraki
(Plastic Surgeon, Ethiopia)

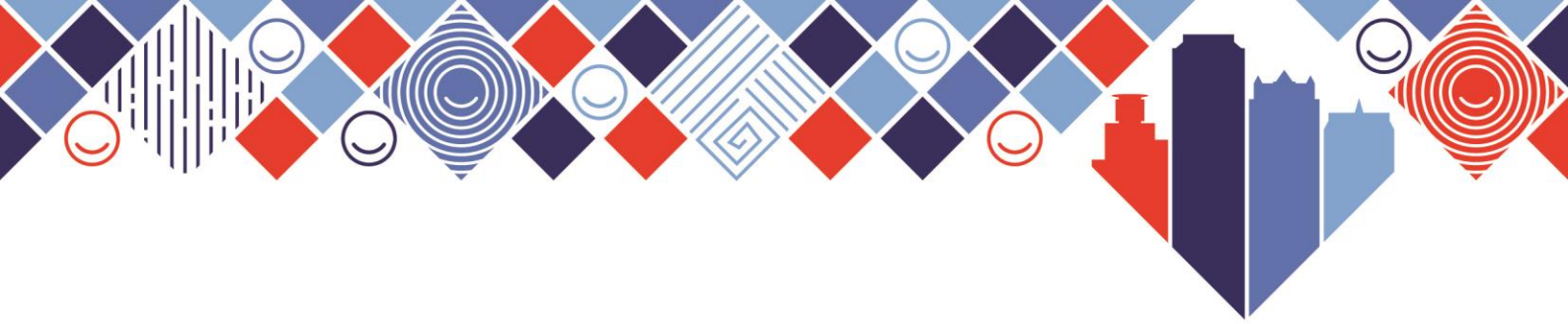
Mrs. Ngozi Opara
(Nurse, Nigeria)

Mr. Edouardo Adjassin
(Speech Therapist, Benin)

Dr. Chika Oguchi
(Orthodontist, Nigeria)

Dr. George Galiwango
(Plastic Surgeon, Uganda)

Dr. Ibrahim Salisu
(Anesthesiologist, Nigeria)



Scientific Committee



Dr. Oguchi Chikaodi
Chair
(Orthodontist, Nigeria)



Dr. Ibrahim Salisu
Vice-Chair
(Anesthesiologist, Nigeria)



Dr. George Galiwango
Member
(Plastic Surgeon, Uganda)

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Dr. Atakltie Baraki
Chair
(Plastic Surgeon, Ethiopia)



Mrs. Ngozi Opara
Vice-Chair
(Nursing Director, Nigeria)



Mr. Edouardo Adjassin
Member
(Speech Therapist, Benin)



Africa Medical Advisory Council (AMAC) Members



Prof. Peter Donkor
Oral & Maxillofacial Surgeon,
(Ghana)



Dr. Zipporah Gathuya
Pediatric Anesthesiologist,
(Kenya)



Prof. Oluranti daCosta
Orthodontist,
(Nigeria)



Dr. Asrat Mengiste
(Plastic Surgeon, Ethiopia)



Dr. Alhassan Datti
(Anesthesiologist, Nigeria)



Dr. Rose Alenyo
(Plastic Surgeon, Uganda)



Mr. Eduardo Adjassin
(Speech Therapist, Benin)



Dr. Fred Bulamba
(Anesthesiologist, Uganda)



Prof. Adeola Olusanya
(Oral & Maxillofacial Surgeon, Nigeria)



Mrs. Rona Breese
(Nurse trainer, UK/Tanzania)



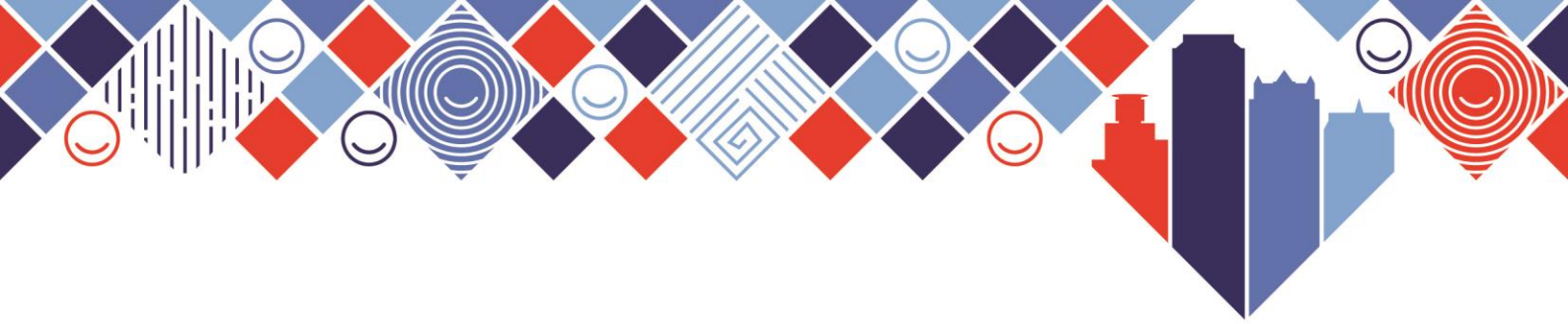
Miriam Nabie
(Nutritionist, Kenya)



Dr. Benjamin Rakotoson
(Family Physician, Madagascar)



Dr. Gyikua Plange-Rhule
(Pediatrician, Ghana)



Smile Train Research and Innovation Advisory Council (STRIAC) - African Reps



Prof. Emmanuel Ameh,
(Pediatric Surgeon, Nigeria)



Prof. Ibronke Desalu,
(Pediatric Anesthesiologist, Nigeria)



Dr. Mekonen Eshete,
(Plastic Surgeon, Ethiopia)



Prof. Azeez Butali,
(Dental Scientist, USA/Nigeria)



Smile Train Africa Team



Patrick Mwai



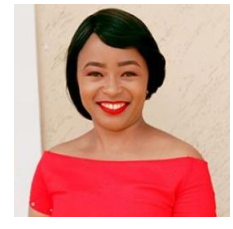
Sibusisiwe Yona



Mrs. Nkeiruka (NK) Obi



Dr. Nicole Bouba



Emily Manjeru



Joseph Kariuki



Becket Gbede



Victoria Awazie



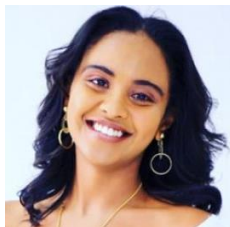
Dr. Israel Ribero



Getaneh Siyum



Adaeze Muonyelu



Dr. Bethel Mulugeta



Veronica Kamwela



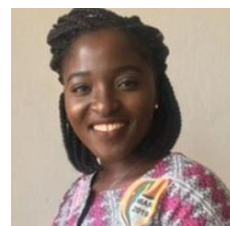
Leila Kigha



Adrien Nzuzi



Dennis A. Mwabvu



Sharon Ngang



Paul A. Lobi



Deborah Zawadi



Tsiferana Rakotoarisoa



Tuyishime Joseph



Sybil Opare



Schedule of Events

NOVEMBER 17, 2024

ARRIVAL & CONFERENCE REGISTRATION STARTS AT 7AM

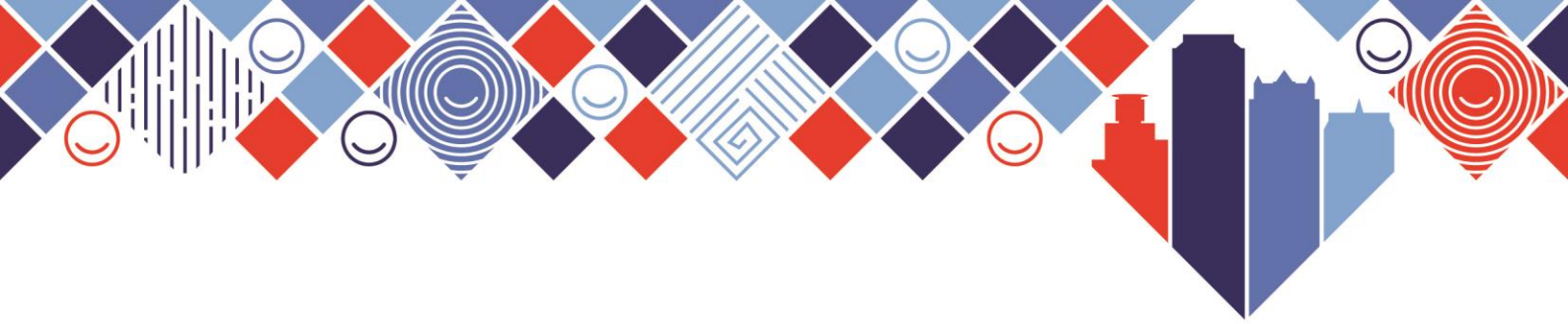
DAY 1: NOVEMBER 18, 2024

Time (CAT)	Activity	Speaker/Responsible body
7:00 – 2:00pm	Conference Registration	All
7:30 – 9:30am	Pre-Conference Workshops	Breakout room 1 - Smile Train Simulare Workshop Chair: Dr. Solomon Obiri-Yeboah Co-Chair: Dr. Wayne Manana
7:30 – 9:00am	Free Papers/roundtable per specialist group	Breakout room 2 - Nutrition/Pediatrics Chair: Miriam Nabie Co-Chair: Faith Kamazizwa Breakout room 3 - Nursing Chair: Rona Breese Co-Chair: Mrs. Ngozi Opara Breakout room 4 - Orthodontics Chair: Prof. Oluranti daCosta Co-Chair: Dr. Samson Negussie Breakout room 5 - Psychosocial Chair: Dr. Benjamina Rakotoson Co-Chair: Danai Magandi Breakout room 6 - Speech Chair: Nana Akua Victoria Owusu Co-Chair: Armand Ngougou Tchinda Breakout room 7 – Anaesthesia Chair: Dr. Alhasan Datti Co-Chair: Dr. Tirunesh Busha



DAY 1: NOVEMBER 18, 2024

Time (CAT)	Activity	Speaker/Responsible body
8:30 – 9:30am	Interactive drumming session	Nhaka Innovation
9:30 – 10:00AM MORNING REFRESHMENT BREAK		
10:00 – 11:00am	Scientific Session 1	Lecture Series (Plenary) Chair: Dr. Asrat Mengiste Mergia Co-Chair: Prof. Faustin Mouafo Tambo Promoting safety and quality in comprehensive cleft care: A multidisciplinary approach <ul style="list-style-type: none">• Prof. Peter Donkor (OMS, Ghana)• Dr. Barbara Delage (Nutrition Director)• Dr. Tsitsi Chimhundu-Sithole (Pediatric Anesthesiologist, Zimbabwe)• Q&A
11:00 – 12:00pm		Parallel Sessions (Oral Presentations) Chair: Dr. Emily Nyamu Co-Chair: Dr. Chikwendu Ejike Room A: <ul style="list-style-type: none">• 5 abstracts - surgery Chair: Dr. Afieharo Michael Co-Chair: Dr. Jerry Brown Room B: <ul style="list-style-type: none">• 7 abstracts - epidemiology
12:00 – 12:30pm	Poster viewing with authors 1	All
12:30 – 1:30PM LUNCH		



1:30 – 3:30PM | OPENING CEREMONY

1:30 – 3:30pm	Introduction of Guests of Honour	MC – Emily Manjeru , Snr Manager, PR & Comms, Africa
	Welcome Note	<i>LOC Chair, Dr. Tsitsi Chimhundu-Sithole</i> (5minutes)
	Opening Remark	<i>PAACLIP President,</i> Dr. Asrat Mengiste (10minutes)
		<i>Smile Train President/ CEO,</i> Susannah Schaefer (15minutes)
		<i>Special Guest of Honour</i> Honorable Minister Douglas Mombeshora Ministry of Health and Child Care, Zimbabwe
		Goodwill messages from Invited Guests (30 minutes)
	Keynote Address	<i>Smile Train Global Medical Advisory Board</i> (GMAB), Dr. Richard Hopper
	Vote of Thanks	<i>PAACLIP Secretary,</i> Dr. Meshach Onguti (10minutes)

3:30 – 3:45PM | GROUP PHOTOGRAPHS AND MEDIA INTERACTION

3:45 – 4:00PM | AFTERNOON REFRESHMENTS/POSTER SESSION 2



4:00 – 5:00pm

Scientific Session 2

Parallel Sessions (Oral Presentations)

Chair: Prof. Roumanatou Bankole

Co-Chair: Dr. Saraiva Simao

Room A:

- 8 abstracts - surgery

Chair: Prof. Kelvin Omeje

Co-Chair: Dr. Rudolph Diop

Room B:

- 3 abstracts - cross-country collaboration, challenges & opportunities.

5:00PM | END OF DAY 1

6:00PM – 7:30PM | NETWORKING RECEPTION COCKTAIL

DAY 2: NOVEMBER 19, 2024

Time (CAT)

Activity

Speaker/Responsible body

8:00 – 9:30am

Scientific Session 3

Parallel Sessions (Oral Presentations)

Chair: Dr. James Olutayo

Co-Chair: Dr. Danny Loanie

Room A:

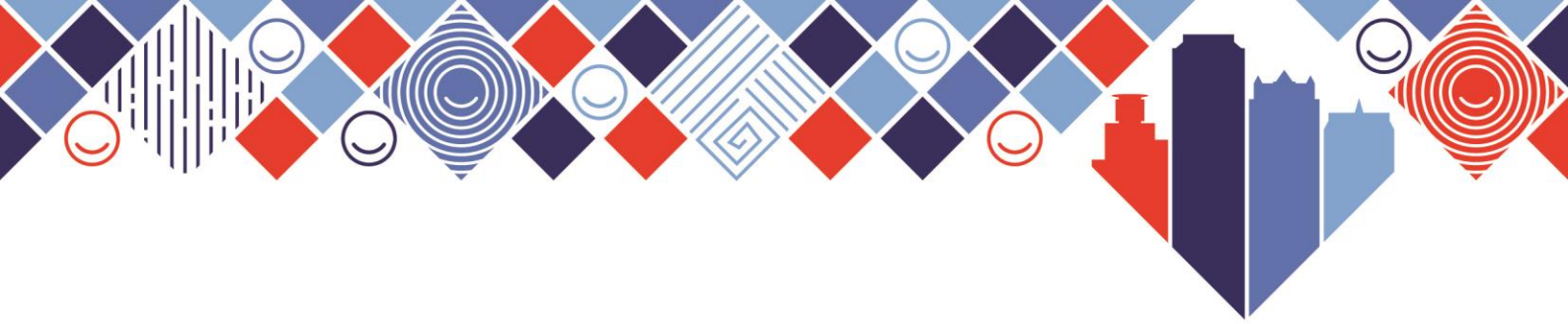
- 7 abstracts - comprehensive cleft care
- 2 abstracts - digital advances in cleft care provision

Chair: Dr. Andrew Hodges

Co-Chair: Dr. Ijeoma Ohagwu

Room B:

- 3 abstracts - access to care and healthcare equity
- 5 abstracts - anaesthesia & safety



9:30 – 10:00AM | MORNING REFRESHMENT BREAK

10:00 – 11:00am

Scientific Session 4

Lecture Series (Plenary)

Chair: Prof. Peter Donkor

Co-Chair: Prof. Rafel Adetokunbo Adebola

Advances in Cleft Care

- Prof. Azeez Butali (Dental Scientist, USA/Nigeria)
- Dr. Edward Wayi (Plastic Surgeon, Tanzania)
- Dr. Ataklitie Baraki (Plastic Surgeon, Ethiopia)
- Q&A (15 minutes)

11:00 – 12:30PM | SMILE TRAIN SYMPOSIUM

Chair: Mrs. Nk Obi | Co-Chair: Getaneh Siyum

Welcome remarks (5minutes)

Dr. Nicole Bouba, Prog Director, West & Central Africa

Access to Care (15minutes)

- Strengthening the safety and quality of care at existing partner hospitals

Joseph Kariuki, *Snr Prog Manager, East & Southern Africa*

Data in support of cleft care advancement in Africa: Africa Programs in numbers
(Pre-recorded)

Ewa Rumprecht, *VP Programs Data & Technology*

LOOKING AT SAFETY AND QUALITY FROM EVERY DIMENSION AND GOING ALL IN

Moderator: Susannah Schaefer, President and CEO Smile Train

Panel (30minutes)

Multi and inter- disciplinary collaboration critical to enhance safety and quality care:

- Implementing safety protocols
- Significance of CCC and multidisciplinary approach
- Developing accountability within the cleft ecosystem
- Collaborating with government

Panelists

- Dr. Francis Tegete (Plastic Surgeon, Tanzania)
- Dr. Adamson Phiri (Anesthesiologist, Senegal)
- Dr Franck Zomene (Nutritionist, Cameroon)
- Prof. Adeola Olusanya (OMS/Speech, Nigeria)
- Dr. Mekonen Eshete (Plastic Surgeon, Ethiopia)
- Prof. Emmanuel Ameh (Paediatric Surgeon, Nigeria)

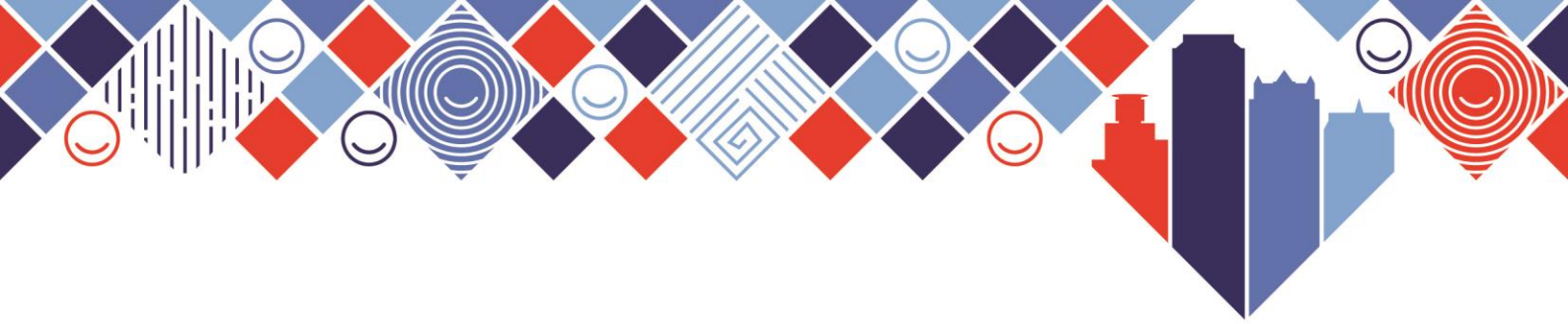


Video interlude (5 minutes) – PATA
Emily Manjeru, Snr Manager, PR & Comms, Africa

10:00 – 11:00am	<p>Raising the next generation of cleft care leaders (20 minutes)</p> <ul style="list-style-type: none"> ○ Power Talk: A mentee experience: Mentorship, education and personal development for surgical professionals ○ Launch of the Smile Train Africa Alumni Network (STAAN) <p>Looking ahead (5 minutes)</p> <ul style="list-style-type: none"> ○ The impact of 25 years of cleft care in Africa... what the future holds <p>Q&A (10 minutes)</p> <p>Vote of thanks and closing remarks (5 minutes)</p>	<p>Dr. Oti Aria, Plastic Surgeon, Nigeria</p> <p>Patrick Mwai, Manager, Education and Training, Africa</p> <p>Mrs. NK Obi, <i>Vice President & Regional Director, Africa</i></p> <p><i>Victoria Awazie, Snr Prog Manager, West Africa</i> <i>Deborah Bora Zawadi, Prog Manager, Central Africa</i></p> <p>Sibusisiwe Yona, Prog Director, East & Southern Africa</p>
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12:30 – 1:30PM | LUNCH

1:30 – 2:00pm	Poster viewing with authors 3	All
2:00 – 3:00pm	Scientific Session 5	<p>Parallel Sessions (Panel)</p> <p>Room A Chair: Dr. George Galiwango Co-Chair: Dr. Lotonga Musadi Jean Bosco Challenges in Comprehensive Cleft Care Delivery in Africa</p> <ul style="list-style-type: none"> • Dr. Obady Vitswamba (Plastic Surgeon, DRC) • Dr. Ikenna Isiekwe (Orthodontist, Nigeria) • Mr. Edouardo Adjassin (Speech Therapist, Benin) • Dr. Sarah Hodges (Anesthesiologist, Zimbabwe) <p>Room B Chair: Prof. Emmanuel Ameh Co-Chair: Myriam Mbaye Public awareness and global surgery advocacy</p> <ul style="list-style-type: none"> • Prof. Ferdinand Nangole (Plastic Surgeon, Kenya) • Prof. Emmanuel Makasa (PASHeF, Zambia) • Dr. Olivier Ngariguen (Pediatric Surgeon, Chad) • Mrs. Anne Mulwa (Nurse, Kenya)



3:00 – 5:00pm	Scientific Session 6	Parallel Sessions (Oral Presentations) Chair: Dr. Abraham Negussie Co-Chair: : Dr. Mahamat Nour Room A: <ul style="list-style-type: none">10 abstracts - psychosocial support & quality of life Chair: Prof. Adeola Olusanya Co-Chair: Claudia Silvanus Lugira Room B: <ul style="list-style-type: none">10 abstracts - speech and language pathology5 abstracts - nutrition
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5:00PM | END OF DAY 2

6:30PM – 9:30PM | CULTURAL GALA DINNER

DAY 3: NOVEMBER 20, 2024

Time (CAT)	Activity	Speaker/Responsible body
8:00 – 9:30am	Scientific Session 7	Parallel Sessions (Oral Presentations) Chair: Dr. Tom Osundwa Co-Chair: Dr. Chika Oguchi Room A: <ul style="list-style-type: none">5 abstracts - orthodontics5 abstracts – psychosocial support and quality of life Chair: Dr. Kimani Wanjeri Co-Chair: Dr. Shukri Mohamed Dahir Room B: <ul style="list-style-type: none">10 abstracts - surgery3 abstracts - training and capacity building

9:30 – 10:00AM | MORNING REFRESHMENT BREAK

10:00 – 12:00PM | ANNUAL GENERAL MEETING AND ELECTIONS

12:00 – 12:30PM | CLOSING CEREMONY

12:30 – 1:30PM | LUNCH BREAK

1:30 – 5:00PM | FREE TIME/EARLY DEPARTURE | HARARE CITY TOUR (OPTIONAL)

DAY 3: NOVEMBER 21, 2024 | OFFICIAL DEPARTURE



Abstracts

Parallel Sessions (Oral Presentations)

Scientific Session 1

11:00 – 12:00pm

Room A:

5 abstracts - surgery

Chair: Dr. Emily Nyamu

Co-Chair: Dr. Chikwendu Ejike

S/N	Nov 18, 2024 Time	Abstract Title	Author	Country of author	Notes
1	11:00 - 11:10am	Velopharyngeal surgeries for the correction of velopharyngeal insufficiency in children with repaired cleft palate: where is Africa?	Bardi Martins	Nigeria	
2	11.10 - 11:20am	Buccal Myomucosal Flap: Indications, Outcome and Complications in Palatal Repairs.	Adeola Olusanya	Nigeria	
3	11:20 - 11:30am	Management of cleft lip and palate in Albert Royer Children's Hospital of Dakar	Aloise Sagna	Senegal	Virtual /pre-recorded
4	11:30 - 11:40am	Assessment of the impact of using buccal fat pad to cover the lateral defect on the immediate outcome of palatoplasty	Dr. Olugbemi B. Akintububo	Nigeria	
5	11:40 - 11:50am	Tympanometric assessment of middle ear function among children with cleft palate in Kano	Abdulrazaq Ajiya	Nigeria	Virtual/pre-recorded

Parallel Sessions (*Oral Presentations*)
 Scientific Session 1
 11:00 – 12:00pm

Room B:
 7 abstracts - epidemiology
Chair: Dr. Afieharo Michael
Co-Chair: Dr. Jerry Brown

S/ N	Nov 18, 2024 Time	Abstract Title	Author	Country of author	Notes
1	11:00 - 11:10am	Epidemiological, clinical and therapeutic aspects of cleft lip and palate in Benin	Odry Fifonsi	Benin	
2	11:10-11:20am	Patterns of primary and secondary defects associated with non-syndromic cleft lip and palate: An epidemiological analysis in a Kenyan population	Kamau MW	Kenya	
3	11:20 -11:30am	Epidemiology and Clinical Profile of Individuals with Cleft Lip and Palate Utilising a Specialised Cleft Centre in Northwest Nigeria: Retrospective Evaluation of 1556 Patients.	Adetayo Aborisade	Nigeria	
4	11:30 - 11:40am	Epidemiology of subtypes of cleft lip and palate in Zambia in comparison to international published data. X2	Martha Munkonka	Zambia	Virtual/pre-recorded
5	11:40 - 11:50am	Environmental risk factors of orofacial cleft in a tertiary institution	Rosetta Archibong 1	Nigeria	Virtual/pre-recorded
6	11:50 – 12:00pm	The Trends and Patterns of Surgeries for Patients with Cleft Lip Managed in Jos, North Central Nigeria	Simon J. Yiltok	Nigeria	Virtual/pre-recorded
7	12:00-12:10pm	Pattern of presentation of orofacial clefts at the federal teaching hospital and metro-consultants clinic, Gombe	Dr. Ochuko Bright Akpobi	Nigeria	Virtual/pre-recorded



Parallel Sessions (*Oral Presentations*)

Scientific Session 2

4:00 – 5:00pm

Room A:

8 abstracts - Surgery

Chair: Prof. Roumanatou Bankole

Co-Chair: Dr. Saraiva Simao

S/N	Nov 18, 2024 Time	Abstract Title	Author	Country of author	Notes
1	4:00 - 4:10pm	Presentation and Management of Atypical Orofacial Cleft: A Single-Institution Experience for 13 Year Period	Olutayo James	Nigeria	
2	4:10- 4:20pm	Age at primary surgery among persons born with orofacial clefts in Africa.	Mekonen Eshete	Ethiopia	
3	4:20 -4:30pm	Wound Healing Following Palatoplasty Using Either Honey or Warm Saline Mouth Bath for Postoperative Wound Care: A Randomized-Controlled Study	Adegbayi Adekunle	Nigeria	
4	4:30 -4:40pm	Causes and treatment of our post-operative oronasal fistula	Mamadou Karamba Kaba	Guinea Conakry	
5	4:40 -4:50pm	Results of Staphylorrhaphy for Cleft lip and palate in Burkina Faso	Olivier Zampou	Burkina Faso	Virtual/pre-recorded
6	4:50 – 5:00pm	5-year experience of cleft surgery in an austere environment	Dr Abdoulie Bah	Gambia	Virtual/pre-recorded
7	5:00 – 5:10pm	Nasolabial clefts at Barthimée de Thiès Hospital: A review of 257 cases	Foba	Senegal	Virtual/pre-recorded
8	5:10 – 5:20pm	Management of bilateral cleft lip and palate with protruded premaxilla Resource setting – a case report with literature review	Edgar Mumba		Virtual/pre-recorded



Parallel Sessions (*Oral Presentations*)

Scientific Session 2

4:00 – 5:00pm

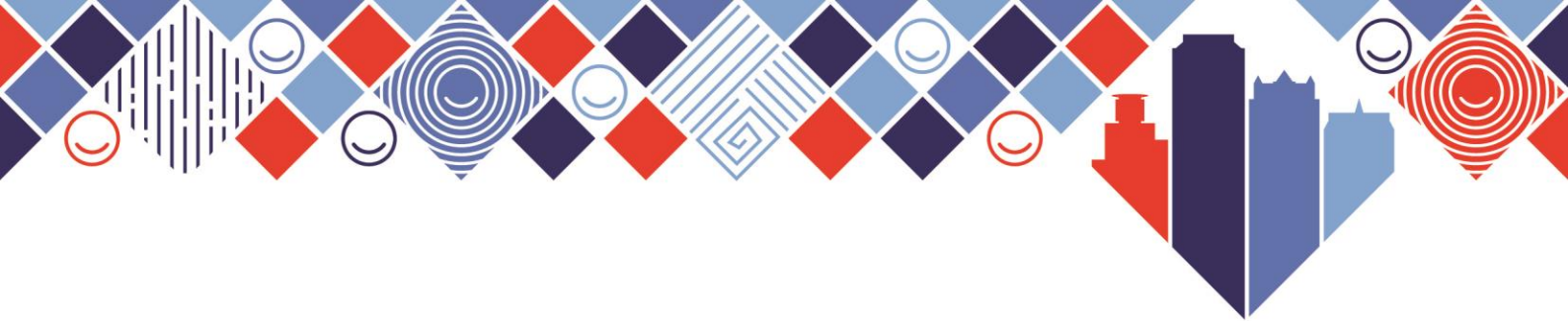
Room B:

3 abstracts - Cross-country collaboration, challenges & opportunities.

Chair: Prof. Kelvin Omeje

Co-Chair: Dr. Rudolph Diop

S/N	Nov 18, 2024 Time	Abstract Title	Author	Country of author	Notes
1	4:00 - 4:10pm	Partners in African Cleft Training (PACT) surgical readiness checklist: Learning tool for interdisciplinary team care and patient safety X2	Victoria Damoah Baffoe	Ghana	
2	4:10 - 4:20pm	Partners in African Cleft Training (PACT) program: Survey of participating workshop trainees from 2012-2024.	Emily Njanja Nyamu	Kenya	
3	4:20 - 4:30pm	Treat and train cleft surgery programme: Experience with cross country collaboration	Ifeanyichukwu Onah	Nigeria	



Parallel Sessions (Oral Presentations)

Scientific Session 3

8:00 – 9:30am

Room A:

7 abstracts - Comprehensive Cleft Care

2 abstracts - digital advances in cleft care provision

Chair: Dr. James Olutayo

Co-Chair: Dr. Danny Loanie

S/ N	Nov 19, 2024 Time	Abstract Title	Author	Country of author	Notes
1	8:00 - 8:10am	Jooko Cleft Association: What we do?	Diop. R	Senegal	
2	8:10 - 8:20am	Partners in African Cleft Training (PACT) program: Survey of participating cleft teams showing team growth and impact of program	Emily Njanja Nyamu	Kenya	
3	8:20 - 8:30am	Comprehensive cleft care, challenges and innovations in Africa: A systematic review.	Akinwale Efunkoya	Nigeria	
4	8:30 - 8:40am	Integrating families with cleft as drivers in delivering comprehensive cleft care: a proposed model for Africa.	Akinwale Efunkoya	Nigeria	
5	8:40 – 8:50am	Impact of non-surgical grants on cleft care in Nigeria	Adaeze Chidinma Muonyelu	Nigeria	Virtual/pre-recorded
6	8:50 – 9:00am	Impact of perioperative care on children born with cleft lip and palate: A case study of Aminu Kano teaching hospital.	Regina U Ofuokwu	Nigeria	Virtual/pre-recorded
7	9:00 - 9:10am	Smartphone-based otoacoustic emissions: a low-cost tool to screen hearing with potential use in cleft clinics	Emily Gallagher		Virtual/pre-recorded
8	9:10 – 9:20am	Insights into The Team Dynamics and Operational Challenges of The Kath Multidisciplinary Cleft Care Team	Nana Afriye Owusu Prempeh	Ghana	Virtual/pre-recorded
9	9:20 – 9:30am	Enhancing Biomarker Screening for Cleft Lip and Palate Using Advanced Machine Learning Techniques on Proteomics Data.	Olal Amos Jerome		Virtual/pre-recorded

Parallel Sessions (Oral Presentations)

Scientific Session 3

8:00 – 9:30am

Room B:

3 abstracts - Access to Care and Healthcare Equity

5 abstracts - Anaesthesia & Safety

Chair: Dr. Andrew Hodges**Co-Chair: Dr. Ijeoma Ohagwu**

S/N	Nov 19, 2024 Time	Abstract Title	Author	Country of author	Notes
1	8:00 - 8:10am	Early diagnosis of isolated clefts of the palate in Western Kenya: Evaluating the impact of promoting palate examination at birth.	Joseph Kariuki Muthee	Kenya	
2	8:10 - 8:20am	Rethinking the use of the “Rule of 10s” for cleft lip surgery in the African context	Barbara Delage	UK	
3	8:20 - 8:30am	StART Paediatric BLS: Pilot Studies from East and West Africa	Ibrahim Salisu	Nigeria	
4	8:30 - 8:40am	Experiences and perceptions of Nigerian fathers of children born with cleft lip and palate: A qualitative study	DaCosta OO	Nigeria	
5	8:40 – 8:50am	Pediatric Anaesthesia in Cleft Lip/Palate Repair in Uganda	Mwito Moris	Uganda	
6	8:50 – 9:00am	Low hemoglobin level in children aged 0 to 5 years with cleft lip and palate in eastern part of D.R. Congo.	Ndibwami Sabin	DRC	Virtual/pre-recorded
7	9:00 – 9:10am	Exploring the factors influencing delays in cleft surgery among children with cleft deformities in Rwanda: A qualitative study	Esperance Mukanahayo	Rwanda	Virtual/pre-recorded
8	9:10 – 9:20am	Comparison of the safety and analgesic efficacy of infraorbital nerve block using Bupivacaine plus Dexamethasone and Bupivacaine plus Dexmedetomidine in pediatric cleft lip surgery; A multicenter study	Jika MM	Nigeria	Virtual/pre-recorded

Parallel Sessions (*Oral Presentations*)
 Scientific Session 6
 3:00 – 5:00pm

Room A:
 10 abstracts - psychosocial support & quality of life
Chair: Dr. Abraham Negussie
Co-Chair: Claudia Silvanus Lugira

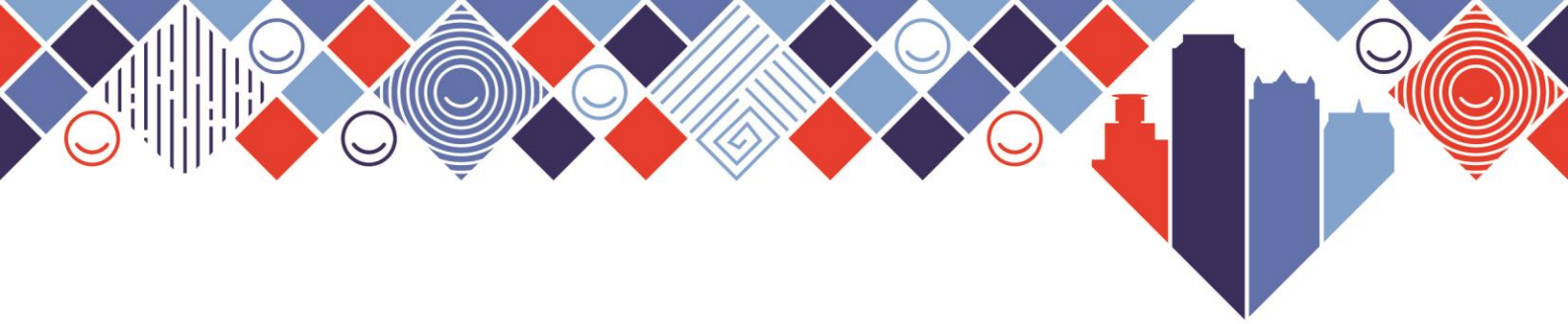
S/N	Nov 19, 2024 Time	Abstract Title	Author	Country of author	Notes
1	3:00 - 3:10pm	Evaluation of social support services for children with orofacial cleft at KATH multidisciplinary cleft clinic in Ghana	Seth Gyamfi	Ghana	
2	3:10 - 3:20pm	Assessing social determinants of health in caregivers of children with cleft lip, cleft palate at Sally Mugabe Central Hospital, Harare	Gail Chirebvu	Zimbabwe	
3	3:20 - 3:30pm	Myths on aetiology of orofacial clefts amongst Gambian caregivers of patients with orofacial clefts	Kelvin Omeje	Gambia	
4	3:30 - 3:40pm	Cleft lip and palate: Psychosocial impacts on parents	Olaitan P. B	Nigeria	
5	3:40 - 3:50pm	Early intervention and psychoeducational support as predictors of quality of life of persons with orofacial clefts in South-Western, Nigeria	Ahmed Olaitan Lawal	Nigeria	
6	3:50 - 4:00pm	An Exploratory Study of the Lived Experiences of Adults with Cleft Lip and Palate Attending a Cleft Clinic in a Low-Middle Income Country	Adegbayi Adekunle	Nigeria	
7	4:00 - 4:10pm	Awareness and knowledge of nurses in Kano about cleft education, mobilization and nursing care.	Alheri Musa Machar	Nigeria	Virtual/pre-recorded
8	4:10 - 4:20pm	Evaluation of Self-esteem of Mothers of Children with Orofacial Cleft at the National Orthopaedic Hospital, Enugu, Nigeria.	Chinedu M. Okoli1	Nigeria	Virtual/pre-recorded
9	4:20 - 4:30pm	Assessment of counselling services offered on patients' first visit to the KATH cleft clinic X2	Nana Tuffuor Ampem Gyimah	Ghana	Virtual/pre-recorded
10	4:30 - 4:40pm	The role social workers play in integrating children with cleft lip and palate into society.	Joana Aikins ¹	Nigeria	Virtual/pre-recorded



Parallel Sessions (*Oral Presentations*)
 Scientific Session 6
 3:00 – 5:00pm

Room B:
 10 abstracts - speech and language pathology
 5 abstracts - nutrition
Chair: Prof. Adeola Olusanya
Co-Chair: Dr. Mahamat Nour

S/N	Nov 19, 2024 Time	Abstract Title	Author	Country of author	Notes
1	3:00 - 3:10pm	The experience of introduction of a multidisciplinary nutrition clinic into the management of patients with cleft lip/palate in Harare, Zimbabwe	Dr Svitlana Austin	Zimbabwe	
2	3:10 - 3:20pm	Speech assessment of patients following cleft palate (CP) surgery at Treichville University Teaching Hospital	Arouna Bamba	Côte d'Ivoire	
3	3:20 - 3:30pm	Long term speech outcome post cleft palate repair in Kenya	Adegu William ¹	Nigeria	
4	3:30 - 3:40pm	Prioritizing feeding and nutritional care by a cleft team in Kisangani.	Danny Loanie	DRC	
5	3:40 - 3:50pm	Specific features of speech therapy for cleft lip and palate in Brazzaville	Gou Mandilou Bevic Stève	Congo Brazzaville	
6	3:50 - 4:00pm	Collaborative Interventions Model by Speech and Language Therapist and Speech and Language Therapy Assistant for Cleft Palate Speech Management: A Comparative Study	Duncan Musasizi	Kenya	
7	4:00 - 4:10pm	Speech therapy for residual speech abnormality following cleft palatal repair: Our Experience Using a Hausa Version Assessment and Intervention Tool.	Amina Musa	Nigeria	



8	4:10 - 4:20pm	Speech Characteristics in Post Cleft Palate Repairs: Results from Patients Assessed At A Cleft Lip and Palate Repair Centre In Bungoma County, Western Kenya.	Duncan Musasizi	Kenya	
9	4:20 - 4:30pm	Involving parents in speech therapy management of cleft lip and palate	Kossi Mawussi Etongnon	Togo	
10	4:30 - 4:40pm	Impact of cleft lip and palate on mother-child interactions and language development: a study of Togolese families.	Faysal HAMZAH	Togo	
11	4:40 – 4:50pm	Peristaltic pump-based automated Feeder for Orofacial Cleft Infants	Pascious Wanyama	Kenya	Virtual/pre-recorded
12	4:50 – 5:00pm	Effectiveness of Pre-surgical Nutritional Intervention in Infants with Cleft Lip and Palate: A pilot randomised clinical trial (RCT)	Bashir Kaka	Nigeria	Virtual/pre-recorded
13	5:00 – 5:10pm	Nutritional status of children with orofacial cleft at Aminu Kano teaching hospital: A case-control study	Muhammad Fusami	Nigeria	Virtual/pre-recorded
14	5:10 – 5:20pm	The Impact of Speech Therapy on Cleft palate Patients at Cleft & Facial Deformity Foundation centre, Abuja, Nigeria	Ajisebutu Taiwo	Nigeria	Virtual/pre-recorded
15	5:20 – 5:30pm	Family involvement in speech therapy care for cleft lip and palate-operated children in Benin	Odo Daniel AFFO,	Benin	Virtual/pre-recorded

Parallel Sessions (Oral Presentations)

Scientific Session 7

8:00 – 9:30am

Room A:

5 abstracts – orthodontics

5 abstracts – psychosocial support and quality of life

Chair: Dr. Tom Osundwa**Co-Chair: Dr. Chika Oguchi**

S/N	Nov 20, 2024 Time	Abstract Title	Author	Country of author	Notes
1	8:00 - 8:10am	Cleft care providers knowledge and perception of cleft orthodontics in Nigeria	Chika Oguchi	Nigeria	
2	8:10 - 8:20am	What is the current status of cleft orthodontic care in Africa?	Isiekwe IG	Nigeria	
3	8:20 - 8:30am	Evaluation of social support services for children with orofacial cleft at KATH multidisciplinary cleft clinic in Ghana	Seth Gyamfi	Ghana	
4	8:30 - 8:40am	Psychosocial impact of cleft lip and palate on adolescents in Kenya	Adegu William	Nigeria	
5	8:40 - 8:50am	Pre-surgical infant orthopaedics: Experiences and perspectives of caregivers of Nigerian children born with clefts: A focus group discussion	Dr. Grace E. Odah	Nigeria	Virtual/pre-recorded
6	8:50 – 9:00am	Comparison of dental arch relationships in an African population with repaired clefts using the Goslon index and modified Huddard-Bodenham scale	Jibril M	Nigeria	Virtual/pre-recorded
7	9:00 – 9:10am	Patient Tolerance and Caregiver Compliance in the Use of the Nasoalveolar Moulding Appliance in a Nigerian Cleft Population	Rachael Babayomi	Nigeria	Virtual/pre-recorded
8	9:10 – 9:20am	Social stigma and cultural beliefs associated with cleft lip and/or palate_ parental perceptions of their experience in Kenya	Stephen Guchuchi Kunocho	Kenya	Virtual/pre-recorded
9	9:20 – 9:30am	Important time lost in unheard-of facts and denial	Gamukama Murung	Burundi	Virtual/pre-recorded
10	9:30 – 9:40am	Community Awareness of Cleft Lip and Palate through parent’s perception. A Zambian Survey.	Bridget Zulu	Zambia	Virtual/pre-recorded

Parallel Sessions (Oral Presentations)
 Scientific Session 7
 8:00 – 9:30am

Room B:
 10 abstracts - surgery
 3 abstracts - training and capacity building
Chair: Dr. Kimani Wanjeri
Co-Chair: Dr. Shukri Mohamed Dahir

S/N	Nov 20, 2024 Time	Abstract Title	Author	Country of author	Notes
1	8:00 -8:10am	Cleft Simulation Training in Kenya: A Survey of Residents' Experiences, Efficacy and Impact	Kiriga Maroa	Kenya	
2	8:10 -8:20am	Morphologic and functional evaluation of patients operated for cleft lip and palate in two teaching hospitals of Yaoundé-Cameroon.	Fossi KG	Cameroun	
3	8:20 -8:30am	Clinical profiles of individuals with orofacial clefts: Results from fourteen Eastern African countries.	Fitsum Kifle Belachew	Ethiopia	
4	8:30 -8:40am	Evaluation of Outcomes of Post Fellowship Training in Comprehensive Cleft Care-The Grassroot Smile Initiative Experience.	Amole Olushola,	Nigeria	
5	8:40 -8:50am	Management of Craniosynostosis in a resource-limited setting: A Case Report.	Kiriga Maroa	Kenya	
6	8:50 -9:00am	The Outcome of secondary alveolar bone grafting in patients with cleft lip and palate at a tertiary cleft care centre in Addis Ababa Ethiopia.	Tewodros Melese	Ethiopia	
7	9:00 -9:10am	Is it time for our own plastic surgery journal?	Nangole FW	Kenya	
8	9:10 -9:20am	Adult clefts: The challenges still remain	Olaitan P.B.	Nigeria	
9	9:20 -9:30am	Aesthetic outcomes of unilateral cleft lip repair using Steffensen criteria: a single-surgeon experience from a cleft care center in West Africa	Manuella T Timo	Cote d'Ivoire	Virtual/pre-recorded
10	9:30 – 9:40am	Unilateral cheiloplasty using the technique of Tennison Borde and Maleck in children at the Charles De Gaulle University Children's Hospital	Noutchi Carine Armelle	Burkina Faso	Virtual/pre-recorded
11	9:40 – 9:50am	The challenges in redo Bilateral Cleft Lip: A Comprehensive Case Review	Dr. Folake Abikoye	Nigeria	Virtual/pre-recorded
12	9:50 – 10:00am	Management of Cleft Lip and Palate in Egypt: A National Survey	Tarek Abulezz	Egypt	Virtual/pre-recorded
13	10:00 – 10:10am	Evidence-based Audiologic Management Options for Cleft Lip/Palate Patients with Glue Ear	Ayo Osisanya	Nigeria	Virtual/pre-recorded

Poster Viewing 1 & 2

S/N	Nov 18, 2024 Time	Abstract Title	Author	Country of author	Notes
1	12:00 -12:30pm	Presentation pattern of orofacial cleft at the Komfo Anokye teaching hospital: a two-year retrospective study	R.N.L Larmie	Ghana	Epidemiology
2		Demographics of Cleft Lip and Palate patients seen at Beit Cure Hospital in Zambia	Patricia L Shinondo	Zambia	Epidemiology
3		Epidemiology and Treatment of Adults with Cleft Palate at Two Nigerian Centres	Ifeanyichukwu Onah	Nigeria	Epidemiology
4		Investigating the Prevalence of Genetic and Environmental Influencing Orofacial Clefts in Africa.	Kang Suzzy Ann	Cameroun	Epidemiology
5		Geospatial mapping of orofacial clefts in North-West Nigeria.	Adetayo O. Aborisade ¹	Nigeria	Epidemiology
6		Thirteen Years of Taking Cleft Surgery to the Grassroots in Nigeria by Nigerians: The Prospect and the Challenges.	Seidu Bello	Nigeria	Cross country collaboration in care provision: Challenges and Opportunities
7	3:45 – 4:00pm	Assessment and recovery of articulatory disorders in post-surgery cleft lip- palate patients at Abidjan.	Guillaume N'GUESSAN,	Cote d'Ivoire	Speech and Language Pathology
8		Evaluation of the Follow-up Care for Patients with Cleft Lip and Palate in Port-Harcourt, Nigeria: A Baseline Study	Aria O.N ¹	Nigeria	Psychosocial Support and Quality of Life
9		Caregivers' perception and knowledge on the comprehensive cleft care protocol at the Komfo Anokye teaching hospital.	Emile Tano	Ghana	Psychosocial Support and Quality of Life

Poster Viewing 3

S/N	Nov 19, 2024 Time	Abstract Title	Author	Country of author	Notes
1	1:30 -2:00pm	Familial Cleft lip: A Case Report in Burundi	Najjuka Justina	Uganda	Surgery
2		Cleft surgery experience, series of usual and unusual early postoperative presentations at KCMC Hospital-Pediatric Unit.	Mathayo Shadrack1	Tanzania	Surgery
3		Psychological distress among mothers of children with orofacial cleft: is there need for a protocol for psychological evaluation and care?	Amina Mohammed-Jaji	Nigeria	Psychosocial Support and Quality of Life
4		The Bilateral Cleft Lip Repair in the African context.	Tom Mulama Osundwa	Kenya	Surgery
5		Bilateral cleft lip: Clinical and surgical management	R. Diop	Senegal	Surgery
6		Quality of Life in Adults with Repaired Cleft Lip and Palate	Adegu William	Kenya	Psychosocial Support and Quality of Life
7		A Challenging Secondary Bilateral Cleft Lip Deformity Managed in a Low-Resource Setting: A Case Report	Dagmawi Geremew	Ethiopia	Surgery

What is a cleft?



A cleft lip or palate occurs when certain body parts and structures do not fuse together during pregnancy.

Clefts can involve the lip and/or the roof of the mouth.



Why do clefts form?



No one knows exactly.

Clefts may be caused by a genetic predisposition or some environmental issues, like maternal illness, infection, or lack of vitamin B, also known as folic acid.

Medical research is ongoing to better understand the condition.



What are the different types of clefts?

Clefts can involve the lip and/or the roof of the mouth.

Clefts of the lip may appear on one or both sides of the mouth.

Some people are born with only one type of cleft and others with both a cleft lip and palate.

Cleft lip unilateral:



Cleft palate:



Cleft lip bilateral and cleft palate:



What challenges do people with clefts encounter?



Children with clefts can face difficulties eating, breathing, hearing, and speaking.

Children with clefts often feel isolated from others.

Treatment helps overcome many of these difficulties.



How to feed a baby with a cleft? ^

Babies with clefts sometimes have difficulties feeding. Milk often comes out of their noses and may even go into their lungs. They can also suck in air, causing them to seem full and fall asleep even though they haven't received enough nourishment.

Have the child feed sitting upright:



Can an adult be treated?



Yes!

Smile Train provides surgery to patients of all ages. Many patients learn about treatment when they are older. Surgery is free to all patients in need.



What types of free cleft treatments does Smile Train sponsor? ^

Smile Train sponsors the full cost of cleft lip and cleft palate surgeries.



At some treatment centers, Smile Train also covers the cost of other essential cleft treatments, such as nutritional support, speech services, orthodontics, psychosocial counseling, dental care, and more.

Our Comprehensive Cleft Care Approach



DIAGNOSIS: UNDERSTANDING CLEFT
FEEDING AND NUTRITION
SURGERY
ORAL HEALTH
ENT AND AUDIOLOGY
SPEECH SERVICES
ORTHODONTICS
COUNSELING AND SUPPORT



Smile Train Education and Training Programs

To increase access to quality care for cleft lip and palate through building and elevating perioperative capacity and resources in the region, Smile Train in collaboration with various partner institutions provides scholarship in the following education and training programs.

Fellowship/Post-Graduate Programs

College of Anaesthesiologists of East, Central and Southern Africa (CANECSA)

Anesthesia Fellowship (1year)

College of Surgeons of East, Central and Southern Africa (COSECSA)

Plastic Surgery Fellowship (FCS:3years)

Post-Fellowship in Cleft Surgery (8months)

KidsOR (WACS/COSECA/CMSA)

Pediatric Surgery Fellowship (DES/MCS/FCS:3-5years)

Post-Fellowship in Cleft Surgery (8months)

Pediatric Anesthesia Training in Africa (PATA) in partnership with Vanderbilt University

Medical Centre (VUMC), Elma Foundation

Pediatric Anesthesia Fellowship (1year)

West African College of Surgeons (WACS)

Post-Fellowship in Cleft Surgery (9months)

Diploma in Cleft Surgery (6months)

Post-Diploma Certificate in Basic Paediatric and Cleft Anesthesia (6months)

University of Nairobi

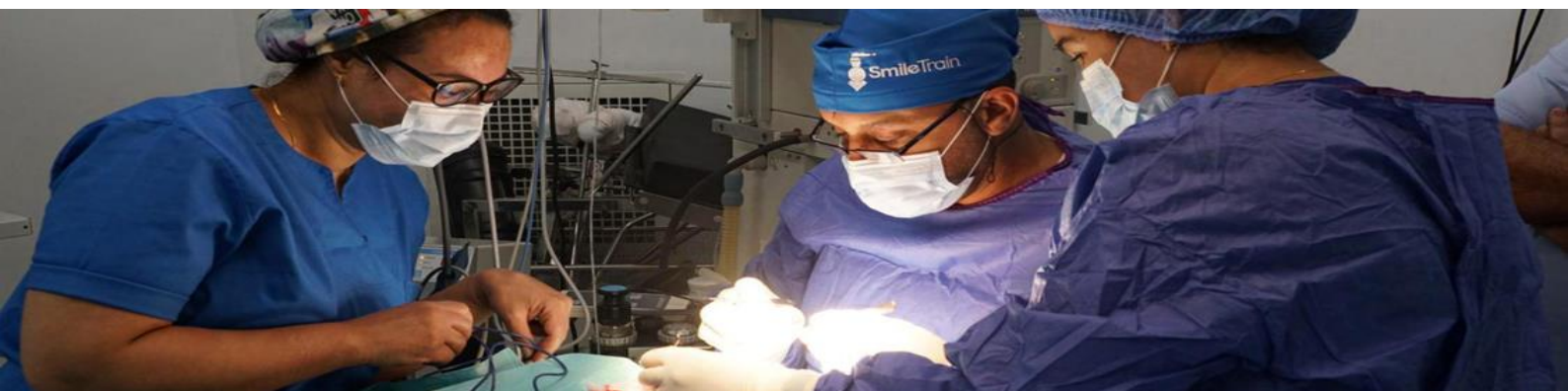
MMed Plastic Surgery (5years)

Post-Fellowship in Cleft Surgery (8months)

** Scholarship on other oral surgery specialty available on case by case, prioritized for highly under-resourced countries.*

Ecole Nationale des Auxiliaires Médicaux de Lomé (ENAM)

Speech therapy training with systematic focus on cleft lip and palate (3 years)



Continuing Medical Education Programs (Bespoke training workshop)

Lifebox

- COVID-19 Surgical Checklist
- Team Cleft Training
- Clean Cut for Cleft
- Capnography

American Heart Association

- Basic Life Support (BLS)
- Pediatric Advanced Life Support (PALS)

WSFA Safer Anaesthesia From Education (**SAFE**)

- SAFE Pediatrics (SAFE Peads)
- SAFE Paediatrics-Cleft (SAFE Peads Cleft)

Safe Anaesthesia Delivers Smiles (SADS)

Systematic Assessment Resuscitation Training Pediatric BLS (**StART Pediatric BLS**)

All Africa Safety & Quality Reviewers' annual workshop

Nursing Care Saves Lives

Supporting Comprehensive Cleft Care Through Nutrition and Feeding

Cleft Palate Speech Therapy

Cleft Orthodontic Care

Surgical Instrument Repair Technician (SIRT)

Central Service Certification (CSC)

Effective Mobilization and Awareness Creation for Cleft Providers

Cleft and the Media workshop

Fundamentals of Cleft Research, Grants Writing and Publication

TELECLEFT

Know Your Partner (KYP) series

Other **COLLABORATIVE TRAINING WORKSHOPS**

Chang Gung Fellowship (3months)

Plastic Surgery Foundation SHARE (1year)

Seattle Children Craniofacial Centre COHO Clinical Research Methods (1.5month)

Sponsorship to various local, regional and global conferences available



Countries' Factsheets as of 2023



ANGOLA

PORTUGUESE ANGOLAN KWANZA LUANDA +244

POPULATION
35,588,987

GDP PER CAPITA
\$2,999

PROGRAM INCEPTION
2019

PARTNERS
1

Comprehensive Cleft Care Type

SURGERY
400

DIAGNOSIS
335

Date as of December 2023



BENIN

FRENCH WEST AFRICAN CFA FRANC PORTO NOVO +229

\$14,668,337
ECONOMIC IMPACT OF SMILE TRAIN'S SURGICAL PROGRAM

6,864
YEARS LOST TO DISABILITY THAT HAVE BEEN AVERTED

2009
PROGRAM INCEPTION

POPULATION
13,352,864

GDP PER CAPITA
\$1,303

PARTNERS
5

Comprehensive Cleft Care Type

SURGERY
973

DIAGNOSIS
351

SPEECH
89

NUTRITION
138

FOLLOW-UP
6

Date as of December 2023



BURKINA FASO

PORTUGUESE WEST AFRICAN CFA FRANC QUAGADOUGOU +226

\$14,176,427
ECONOMIC IMPACT OF SMILE TRAIN'S SURGICAL PROGRAM

10,376
YEARS LOST TO DISABILITY THAT HAVE BEEN AVERTED

2011
PROGRAM INCEPTION

POPULATION
22,673,762

GDP PER CAPITA
\$833

PARTNERS
4

Comprehensive Cleft Care Type

DIAGNOSIS
503

SURGERY
1,464

SPEECH
116

Date as of December 2023



BURUNDI

KIRUNDI FRENCH ENGLISH BURUNDIAN FRANC GITEGA +257

\$14,984,045
ECONOMIC IMPACT OF SMILE TRAIN'S SURGICAL PROGRAM

22,405
YEARS LOST TO DISABILITY THAT HAVE BEEN AVERTED

2010
PROGRAM INCEPTION

POPULATION
12,889,576

GDP PER CAPITA
\$238

PARTNERS
3

Comprehensive Cleft Care Type

SURGERY
3,905

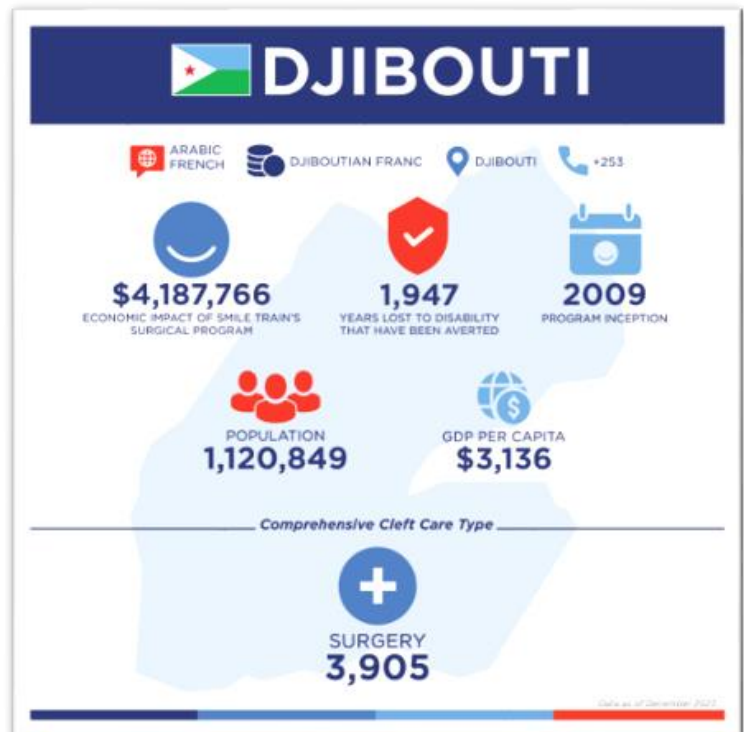
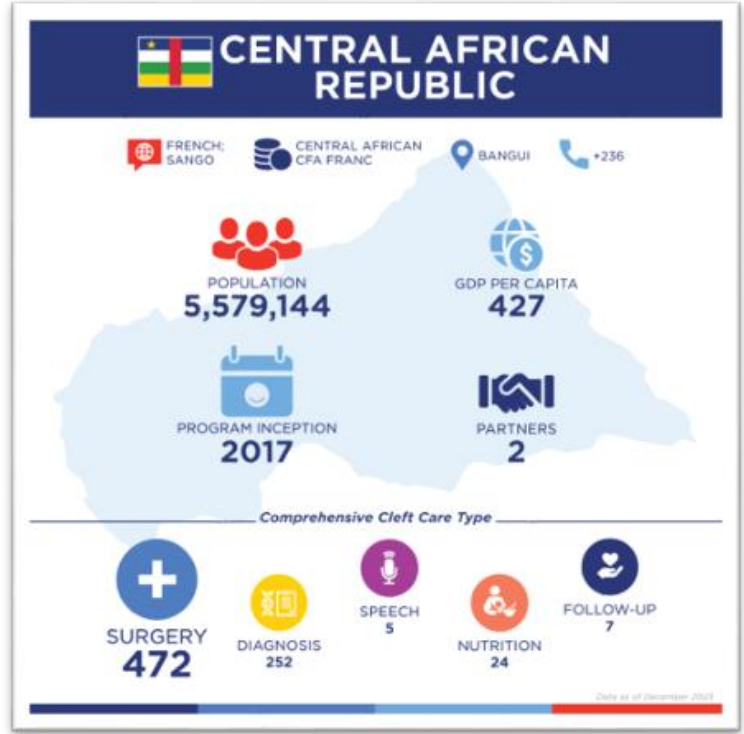
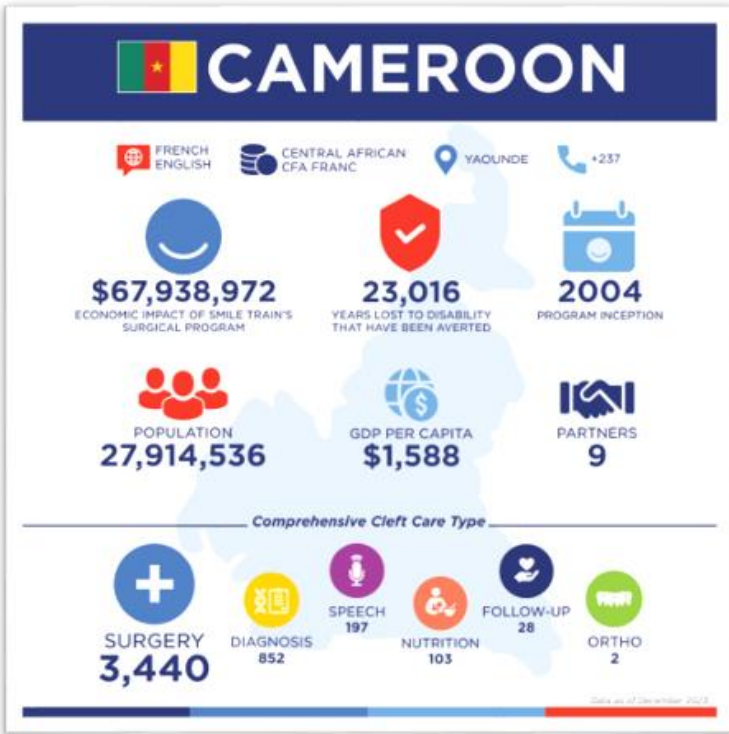
DIAGNOSIS
1,088

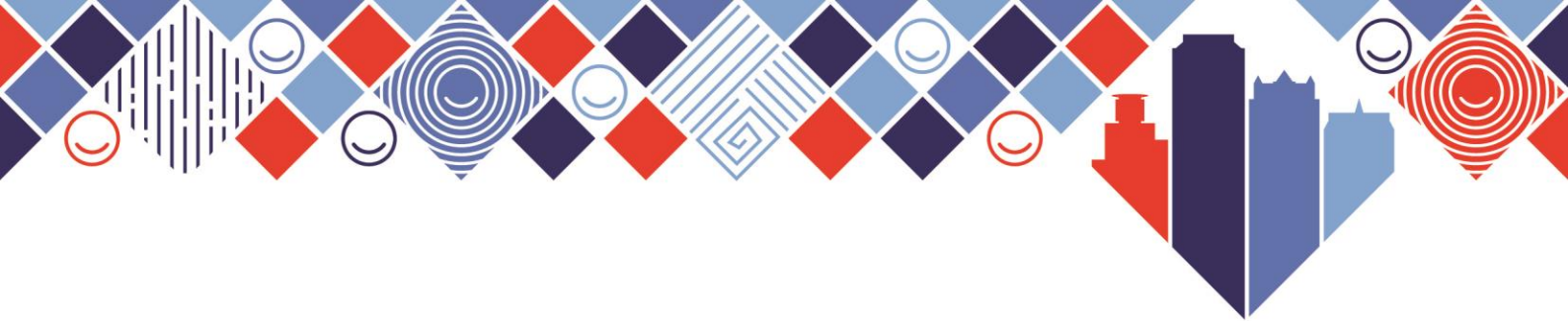
SPEECH
116

FOLLOW-UP
125

NUTRITION
90

Date as of December 2023





DR CONGO

FRENCH CONGOLESE FRANC KINSHASA +243



Comprehensive Cleft Care Type



Data as of December 2021

ETHIOPIA

ENGLISH AMHARIC ETHIOPIAN BIRR ADDIS ABABA +251



Comprehensive Cleft Care Type



Data as of September 2021

GAMBIA

ENGLISH DALASI BANJUL +220



Comprehensive Cleft Care Type



Data as of December 2021

GHANA

ENGLISH GHANAIAI CEDI ACCRA +233



Comprehensive Cleft Care Type



Data as of December 2021

GUINEA

ENGLISH GUINEAN FRANC CONAKRY +224

\$14,435,292

ECONOMIC IMPACT OF SMILE TRAIN'S SURGICAL PROGRAM

8,365

YEARS LOST TO DISABILITY THAT HAVE BEEN AVERTED

2009

PROGRAM INCEPTION

POPULATION
13,859,341

GDP PER CAPITA
\$1,532

PARTNERS
3

Comprehensive Cleft Care Type

+
SURGERY
1,225

DIAGNOSIS
313

FOLLOW-UP
8

NUTRITION
32

Date as of December 2021

KENYA

SWAHILI ENGLISH KENYA SHILLING NAIROBI +254

\$238,976,180

ECONOMIC IMPACT OF SMILE TRAIN'S SURGICAL PROGRAM

87,908

YEARS LOST TO DISABILITY THAT HAVE BEEN AVERTED

2002

PROGRAM INCEPTION

POPULATION
54,027,487

GDP PER CAPITA
\$2,099

PARTNERS
21

Comprehensive Cleft Care Type

+
SURGERY
12,674

DIAGNOSIS
2,647

SPEECH
1,796

NUTRITION
437

FOLLOW-UP
166

Date as of December 2021

LIBERIA

ENGLISH LIBERIAN DOLLAR MONROVIA +231

\$1,998,221

ECONOMIC IMPACT OF SMILE TRAIN'S SURGICAL PROGRAM

2,438

YEARS LOST TO DISABILITY THAT HAVE BEEN AVERTED

2007

PROGRAM INCEPTION

POPULATION
5,302,681

GDP PER CAPITA
\$755

PARTNERS
1

Comprehensive Cleft Care Type

+
SURGERY
404

DIAGNOSIS
94

FOLLOW-UP
1

Date as of December 2021

MADAGASCAR

FRENCH MALAGASY MALAGASY ARIARY ANTANANARIVO +261

\$10,604,618

ECONOMIC IMPACT OF SMILE TRAIN'S SURGICAL PROGRAM

11,210

YEARS LOST TO DISABILITY THAT HAVE BEEN AVERTED

2011

PROGRAM INCEPTION

POPULATION
29,611,714

GDP PER CAPITA
\$505

PARTNERS
4

Comprehensive Cleft Care Type

+
SURGERY
1,448

DIAGNOSIS
1,177

SPEECH
20

NUTRITION
75

FOLLOW-UP
1

Date as of December 2021



MALAWI



\$10,485,001
ECONOMIC IMPACT OF SMILE TRAIN'S SURGICAL PROGRAM



7,447
YEARS LOST TO DISABILITY THAT HAVE BEEN AVERTED



2007
PROGRAM INCEPTION



POPULATION
20,405,317



GDP PER CAPITA
\$645



PARTNERS
2

Comprehensive Cleft Care Type



DIAGNOSIS
482



SURGERY
1,288



FOLLOW-UP
5

Data as of December 2021



MALI



\$27,812,098
ECONOMIC IMPACT OF SMILE TRAIN'S SURGICAL PROGRAM



18,555
YEARS LOST TO DISABILITY THAT HAVE BEEN AVERTED



2008
PROGRAM INCEPTION



POPULATION
22,593,590



GDP PER CAPITA
\$833



PARTNERS
3

Comprehensive Cleft Care Type



DIAGNOSIS
953



SURGERY
2,678



FOLLOW-UP
1

Data as of December 2021



MAURITANIA



\$18,278,872
ECONOMIC IMPACT OF SMILE TRAIN'S SURGICAL PROGRAM



4,971
YEARS LOST TO DISABILITY THAT HAVE BEEN AVERTED



2007
PROGRAM INCEPTION



POPULATION
4,736,139



GDP PER CAPITA
\$2,191



PARTNERS
1

Comprehensive Cleft Care Type



SURGERY
767



DIAGNOSIS
242

ORTHO
36



NUTRITION
158

Data as of December 2021



MOZAMBIQUE



\$11,226,358
ECONOMIC IMPACT OF SMILE TRAIN'S SURGICAL PROGRAM



10,968
YEARS LOST TO DISABILITY THAT HAVE BEEN AVERTED



2006
PROGRAM INCEPTION



POPULATION
32,969,518



GDP PER CAPITA
\$541



PARTNERS
5

Comprehensive Cleft Care Type



DIAGNOSIS
486

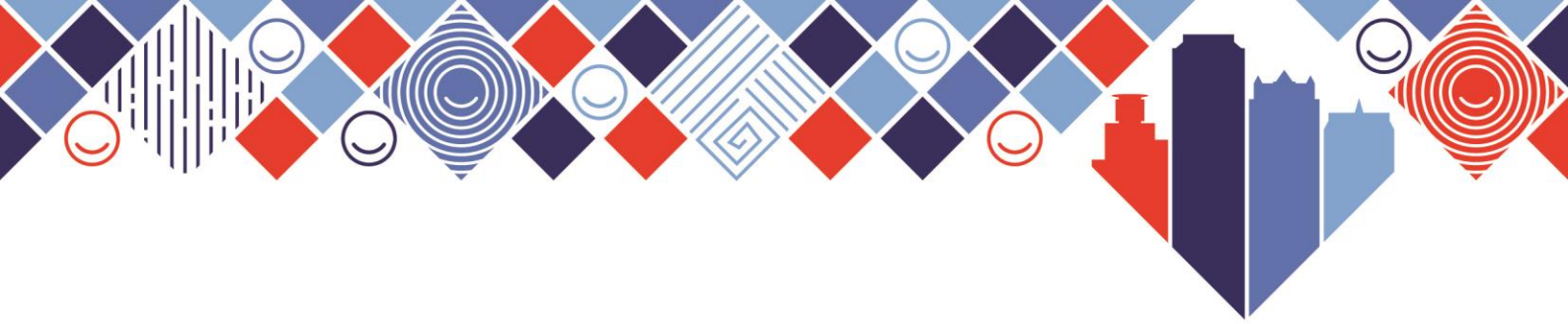


SURGERY
1,505



FOLLOW-UP
3

Data as of December 2021



NIGER

FRENCH
 WEST AFRICAN CFA FRANC
 NIAMEY
 +227

\$29,462,422
ECONOMIC IMPACT OF SMILE TRAIN'S SURGICAL PROGRAM

35,218
YEARS LOST TO DISABILITY THAT HAVE BEEN AVERTED

2010
PROGRAM INCEPTION

POPULATION
26,207,977

GDP PER CAPITA
\$533

PARTNERS
3

Comprehensive Cleft Care Type

SURGERY
4,192

DIAGNOSIS
1,203

Data as of December 2021

NIGERIA

ENGLISH
 NIGERIAN NAIRA
 FCT ABUJA
 +234

\$993,735,134
ECONOMIC IMPACT OF SMILE TRAIN'S SURGICAL PROGRAM

242,594
YEARS LOST TO DISABILITY THAT HAVE BEEN AVERTED

2002
PROGRAM INCEPTION

POPULATION
218,541,212

GDP PER CAPITA
\$2,184

PARTNERS
56

Comprehensive Cleft Care Type

SURGERY
39,857

DIAGNOSIS
13,233

SPEECH
1,440

ORTHO
1,949

NUTRITION
790

FOLLOW-UP
84

Data as of December 2021

REPUBLIC OF CONGO

FRENCH
 CENTRAL AFRICAN CFA FRANCS
 BRAZZAVILLE
 +242

POPULATION
5,970,424

GDP PER CAPITA
\$2,448

PROGRAM INCEPTION
2012

PARTNERS
2

Comprehensive Cleft Care Type

SURGERY
803

DIAGNOSIS
148

SPEECH
324

NUTRITION
16

Data as of December 2021

RWANDA

ENGLISH FRENCH
 RWANDAN FRANCS
 KIGALI
 +250

\$32,045,088
ECONOMIC IMPACT OF SMILE TRAIN'S SURGICAL PROGRAM

22,452
YEARS LOST TO DISABILITY THAT HAVE BEEN AVERTED

2006
PROGRAM INCEPTION

POPULATION
13,776,698

GDP PER CAPITA
\$966

PARTNERS
4

Comprehensive Cleft Care Type

FOLLOW-UP
114

SURGERY
3,536

DIAGNOSIS
1,133

NUTRITION
18

Data as of December 2021

SENEGAL

FRENCH WEST AFRICAN CFA FRANCS DAKAR +221



Comprehensive Cleft Care Type



Data as of December 2021

SIERRA LEONE

ENGLISH SIERRA LEONE LEONES FREETOWN +232



Comprehensive Cleft Care Type



Data as of December 2021

SOMALIA

SOMALI ARABIC SOMALI SHILLING MOGADISHU +252



Comprehensive Cleft Care Type



Data as of December 2021

SOUTH AFRICA

ENGLISH RAND PRETORIA; CAPE TOWN; BLOEMFONTEIN +27



Comprehensive Cleft Care Type



Data as of December 2021



SOUTH SUDAN

ARABIC, ENGLISH | SUDANESE POUND | KHARTOUM | +211



Comprehensive Cleft Care Type



Data as of December 2021

TANZANIA

SWAHILI | TANZANIA SHILLING | DAR ES SALAAM, DODOMA | +255



Comprehensive Cleft Care Type



Data as of December 2021

TOGO

FRENCH | WEST AFRICAN CFA FRANCS | LOME | +228



Comprehensive Cleft Care Type



Data as of December 2021

UGANDA

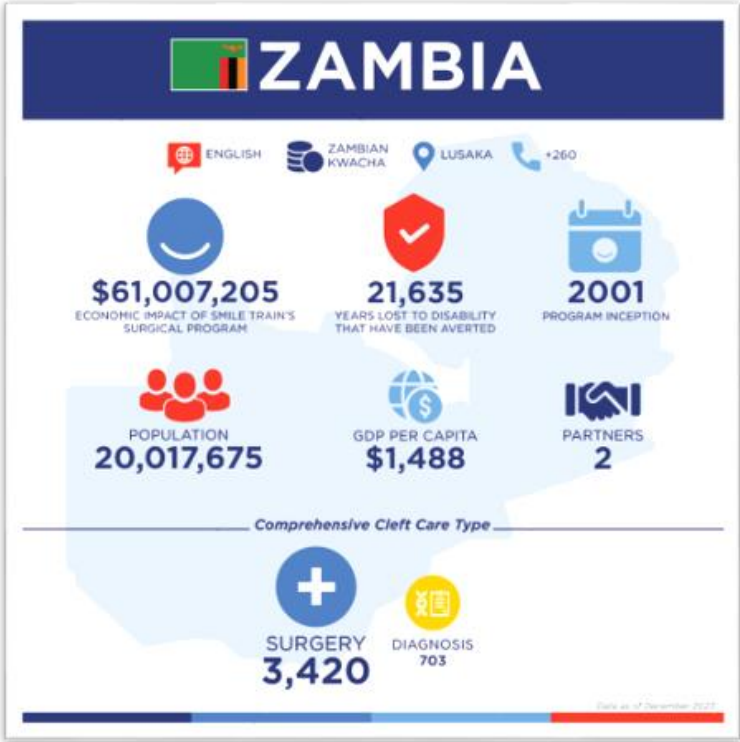
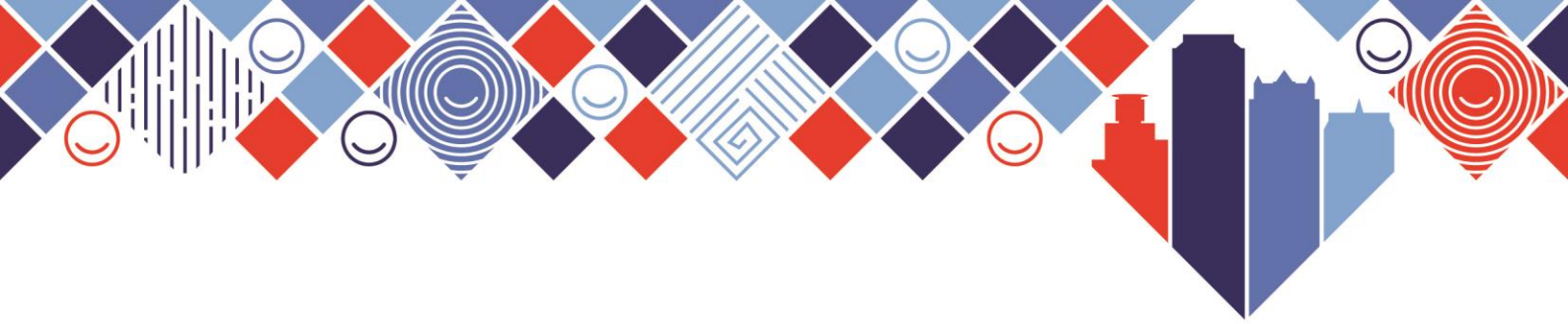
SWAHILI, ENGLISH | UGANDAN SHILLING | KAMPALA | +256



Comprehensive Cleft Care Type

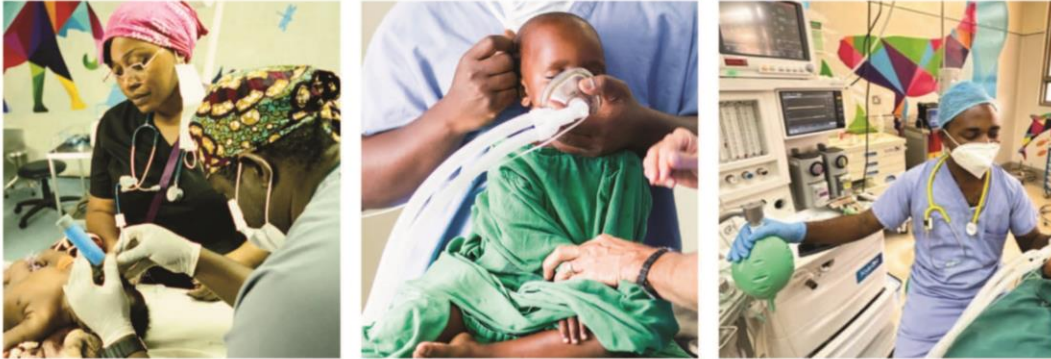


Data as of December 2021





Paediatric Anaesthesia
Training in Africa



Improving perioperative care for African children through education

1.7 billion children lack access to safe surgery and anesthesia care. Nowhere is this problem more pressing than in Africa, where the need for pediatric surgical and anesthetic care is expected to grow exponentially along with the child population over the coming decades.

Supporting Paediatric Anaesthesia Training in Africa (PATA) improves access to safe surgery and the quality of perioperative care for African children by building capacity for paediatric anaesthesia training.

Watch Our Video
To Learn More



Contact Us To Get Involved

Claire Posey, Senior Program Manager
PATA Collaborative
claire.d.posey@vumc.org

Smile Train Partners



Zimbabwe



ONE ZAMBIA ONE NATION



MINISTÉRIO DA SAÚDE PÚBLICA



UNIVERSITY OF NAIROBI

