

**Part 1 | Project Information**

<b>Partner Name</b>	Ace Africa (TZ)			
<b>Country</b>	Tanzania			
<b>Project Title</b>	Dental health and hygiene promotion in Arusha, Tanzania			
<b>Grant (GBP)</b>	Total Grant: <b>GBP 25,000</b>	Received to date: <b>GBP 25,000</b>	Expenditure to date: <b>GBP 24,996.41</b>	Balance of funds remaining this period:
<b>Target Beneficiary Numbers</b>	<b>10,000 (F/M)</b>			Beneficiaries to date: <b>14,780 (7,475F/7,305M)</b>
<b>Project Duration</b>	July 2022 - June 2023		Report Period:	Jul 2022 – Jun 2023
<b>Contact Director</b>	John Emmanuel Ryakitimbo		john.emmanuel@ace-africa.org	

**SUMMARY OF PROJECT PROGRESS**

Between July 2022 and June 2023; Ace Africa attained a number of significant achievements as summarized below:

1. Improve awareness of dental health/Hygiene issues and details of community services availability

Within this specific objective, Ace Africa successfully managed to; developed a dental health and hygiene curriculum and script both approved by the ministry of health, **7** educational posters and **40** dental hygiene T-shirts. **12** Health Education Day events were conducted reaching **2,670 (1,120F/1,550M)** people and **36** dental health awareness events reaching **11,500 (5700F/5800M)** community members, **550 (250F/350M)** community members were also reached with dental health and hygiene information during the Word dental Hygiene Day held on the 28<sup>th</sup> of March.

2. Improve access to and the quality of local dental health

**3,280 (1,775F/1,505M)** community members were provided with preliminary dental health diagnosis and referred to nearby health facilities for further medical support. **10 (9F/1M)** nurses from **5** local health facilities and **60 (30F/30M)** community volunteers trained in dental health, **40 (16F/4M)** trained as community dental hygiene mentors who provided **424 (266F/158M)** community members with dental health and hygiene information. **5** Government dental health teams from **5** health facilities of Arusha Dc were established comprising of trained dental nurses, community volunteers and dental hygiene mentors.

## Part 2 | Annual Report - Project Objectives, Activities and Outputs

### 2.1 Summary of activities and outputs achieved within the project period

Project Objective	Key Activities	Target (July 2022 - June 2023)	Total achieved (July 2022 - June 2023)	Status
				Over achieved
				Achieved
				In progress
<b>Improve awareness of dental health/Hygiene issues and details of community services availability</b>	Development of dental hygiene drama script	1 script	1 Script	Achieved
	Development of dental hygiene curriculum	1 curriculum	1 curriculum	Achieved
	Development of dental hygiene educational materials	n/a	7 Educational posters produced and used during outreach events	Achieved
	Dental hygiene T-shirts produced and distributed	n/a	40 dental hygiene T-shirts produced and distributed	Achieved
	Number of people attending during HED events	12 events, 2400 community members attending	12 events, 2,670 (1,120F/1,550M) people attending	Achieved
	Conduct 36 Monthly dental hygiene forum outreach drama events	36 Dental outreach drama events reaching 7200 people	11,500 (5700F/5800M) community members reached	Achieved
	Number of people attending World Dental Hygiene Day	1 event	1 event, 550 (250F/350M) people reached	Achieved
	People accessing dental hygiene services	n/a	3,280 (1,775F/1,505M) people accessed services	Achieved
	people reached by community dental mentors	n/a	424 (266F/158M) people reached	Achieved
<b>Improve access to and the quality of local dental health</b>	Train 10 Government nurses in Dental health management practice	10 Nurses to be trained	10 (9F/1M) Nurses trained	Achieved
	Train 40 Community Dental Hygiene mentors	40 Community Mentors to be trained	40 (25F/15M) community members trained	Achieved
	Train 60 Community volunteers on Dental hygiene education	60 Community Volunteers to be trained	60 (30F/30M) community volunteers trained	Achieved
	Establish 5 Government and Community Dental health teams	5 Government dental health teams to be established	5 Government dental health teams established	Achieved

## 2.2 Activities and Outputs achieved this reporting period

<b>Objective One</b>	<b>Improve awareness of dental health/hygiene issues and community services available</b>
<b>Activity One</b>	<b>Activity: Development of dental hygiene drama script/curriculum and educational materials</b>
<b>Activity dates</b>	Planned: July 2022 – June 2023
<b>Outputs</b>	Within the reporting period, Ace Africa successfully managed to; develop <b>1</b> dental health and hygiene script and <b>1</b> curriculum that were used during drama awareness performances and during training. They were both officially approved by the Ministry of Health for use. <b>7</b> educational posters were developed and placed at local health facilities for awareness purposes and <b>40</b> dental hygiene T-shirts were printed and given to dental hygiene mentors.
<b>Activity Two</b>	<b>Activity: Number of people attending during HED events &amp; people accessing dental hygiene services</b>
<b>Activity dates</b>	Planned: July 2022– June 2023
<b>Outputs</b>	Between July 2022 and June 2023, <b>12</b> Health Education Day events were conducted in <b>6</b> wards of Arusha DC (Mateves, Oljoro, Bwawani, Mlangarini, Ilkiushin and Olturmet) <b>2,670 (1,120F/1,550M)</b> people with dental health and hygiene information. During these events, dentists from local health facilities joined with project officers to educate the community regarding dental health as well as provide diagnostic dental services and referrals for community members.
<b>Activity Three</b>	<b>Activity: Conduct 36 Monthly dental hygiene forum outreach drama events</b>
<b>Activity dates</b>	Planned: July 2022 – June 2023
<b>Outputs</b>	<b>11,500 (5700F/5800M)</b> community members from the aforementioned 6 wards of Arusha District Council were educated on dental health and hygiene through <b>36</b> drama performances. The interactive nature of the forum drama theatre performances continues to be an effective means by which community members can access dental health and hygiene information. Forum drama theatre allows for the audience to participate and ask questions during the performances, this allows for spectators to also share their ideas on the theme of the play.
<b>Activity Four</b>	<b>Activity: Number of people attending World Dental Hygiene Day</b>
<b>Activity dates</b>	Planned: July 2022 – June 2023
<b>Outputs</b>	The event took place on the 20 <sup>th</sup> of March 2023 with <b>550 (250F/350M)</b> people attending. Ace provided dental health and hygiene awareness through the drama group education sessions and discussions were also held with the help of local health facility dentists. The 2023 theme was ' <b>Be Proud of Your Mouth</b> ', a continuation of the 2021 and 2022 themes. The theme focused on conveying to the public the importance of dental health at all stages and how to preserve oral health. Individuals, schools, and youth groups were encouraged to promote better oral health by hosting other standalone dental health events within their institutions and communities.

<b>Objective Two</b>	<b>Improve access to and the quality of local dental health</b>
<b>Activity One</b>	<b>Activity: Train 10 Government nurses in Dental health management practice</b>
<b>Activity dates</b>	Planned: July 2022 – June 2023
<b>Outputs</b>	<b>10 (9F/1M)</b> government nurses from Ngorbob, Mbuyuni, Oldonyosambu, Bwawani and Ngaramtoni health facilities were trained in dental health management practice. The training was facilitated by a government representative from the Ministry of Health (MoH) in charge of dental and oral health

	services in Arusha region and each of the trainee was awarded a government certificate on dental health management practice.
<b>Activity Two</b>	<b>Activity: Train 40 Community Dental Hygiene mentors</b>
<b>Activity dates</b>	Planned: July 2022 – June 2023
<b>Outputs</b>	<b>40 (25F/15M)</b> community members were trained as dental health and hygiene mentors, the trainees were selected from villages surrounding each of the <b>5</b> health facilities where the <b>10</b> trained nurses are providing dental services. Upon the completion of the training, the mentors were linked with the trained nurses located near their villages of residence so as to form dental health management teams at each health facility.
<b>Activity Three</b>	<b>Activity: Train 60 Community volunteers on Dental hygiene education</b>
<b>Activity dates</b>	Planned: July 2022 - June 2023
<b>Outputs</b>	Cumulatively, <b>60 (30F/30M)</b> community members have been trained as dental health and hygiene volunteers. These volunteers were selected with the help of local government authorities, selecting people who are known for actively participation in community health and development initiatives.
<b>Activity Four</b>	<b>Activity: Establish 5 Government and Community Dental health teams</b>
<b>Activity dates</b>	Planned: July 2022 – June 2023
<b>Outputs</b>	<b>5</b> government dental health teams from <b>5</b> health facilities of Ngorbob, Mbuyuni, Oldonyosambu, Bwawani and Ngaramtoni were established comprising of trained dental nurses, community volunteers and dental hygiene mentors supporting a total of <b>3,280</b> community members with dental hygiene services. These dental health teams meet once in a month to discuss about the progress and challenges of their specific tasks, they identify best alternatives of addressing challenges being faced and issues that need referral for further support.

### 3. Project Outcomes and Impact

The following project outcomes were recorded from the one-year dental health and hygiene pilot project:

- ✓ **98%** of community members interviewed reported increased awareness of dental health and hygiene issues and were ready to share information with other community members
- ✓ Nurses interviewed reported a **500%** increase in community members seeking and accessing dental health hygiene services at health facilities (from an average of **5** per month prior to the project to **30** per month post the project)
- ✓ **87%** reported that dental hygiene and health services in their local health facilities had significantly improved
- ✓ **100%** reported an increase in community and government participation in delivering dental health services

### 3.2. Qualitative measurement of change (Case study/Pictures)

#### A case study of village dental hygiene teams

Ace Africa established 5 dental health and hygiene teams from 6 wards of the project to promote dental hygiene practices among individuals with limited access to accurate dental hygiene information and dental decay preventive services. The teams were involved in educating community members on proper dental practices, oral health, regular dental check-ups, common dental and oral diseases. The teams were trained on how to conduct thorough individual assessment on oral health such as examining teeth, gums, and any signs of diseases such as cavities, periodontal, plaque, oral thrush, and tooth decay which are common in the project areas.



**Fig 1: Trained dental health & hygiene nurse during a health education day event**

The teams played a crucial role in educating individuals on oral and dental hygiene including proper tooth brushing, flossing as well as providing education on the effects of alcohol and tobacco consumption to dental health. Each government health team set a target of people that have to be reached with dental health and hygiene information on a monthly basis. The teams successfully continued to inform community members to take charge of their oral health and make informed decisions about their dental care. Individuals spotted with existing or show signs of dental decay were provided with referral to nearby health facilities with trained dental health and hygiene nurses for further health care.

Due to the effectiveness of the health teams, health facilities involved in the project have recorded an increased number of people accessing dental health and hygiene information as well as services. To date, there has been a 500% increase in community members seeking and accessing dental health hygiene services at the 5 health facilities, from an average of 5 people per month during baseline to 30 people per month post the project. Community volunteers and mentors continue to create dental health awareness thus increasing the communities' participation in Ace (TZ) awareness events.



**Fig 2: Dental health volunteer during an outreach event**

Ace (TZ) project staff work hand in hand with the health teams to inform community members on upcoming awareness/outreach events and this has had a positive impact on the number of community members attending and accessing dental health and hygiene services in the community. These 5 health teams continue to receive technical support from Ace project staff and the government MoH, the teams continue to

demonstrate a sense of ownership to the project by effectively carrying out their roles creating awareness and providing dental health and hygiene services to marginalized communities.

*“Seeing my neighbors choosing to access dental health services at our local health facility rather than using traditional herbs, gives me hope that with the right information we can overcome dental infections in my community” ~ Neema Mollel, Ngorbob health facility dental health and hygiene volunteer.*

### 3.3. Project Pictures



**Fig 1: Community dental health diagnosis**



**Fig 2: Dental health diagnosis in school**



**Fig 3: Dental health awareness session in school**



**Fig 4: Dental awareness session in the community**