

# Orthopedic Training Centre

## 2016 Annual Report



**Workshop**



**Mobile Unit**

**OTC**



**Children's Department**



**Brother Tarcisus Prosthetics and Orthotics  
Training College**

## Orthopedic Workshop

In June we were happy to welcome back into the workshop the seven technicians who had finished their three-year diploma studies. This year they are doing their internship with us and in 2017 will sit for their license exam. These graduates not only bring us some new techniques, but we are now able to put more technicians in our different departments and, as a result, our patients receive quicker services.



We also welcomed back Mr. Anthony Osei, who has been studying in Tanzania for the last four years. Anthony returned with a Degree of Bachelor of Science in Prosthetics and Orthotics. We congratulate Anthony as he also received the Norman Jacob Award in recognition of being best student in research. We thank Orion (the Netherlands) for the scholarship that supported Anthony during his studies. Now we hope for a scholarship that will enable a female student from the college to begin her degree program.

### Orthopedic Appliances Manufactured in Workshop

	2010	2011	2012	2013	2014	2015	2016
AK/BK PROTHESIS	103	113	149	170	188	168	121
HAND PROTHESIS						17	9
CALIPERS	475	654	770	421	463	315	289
DENNIS BROWN SHOES	210	180	190	53	144	137	90
FOOT PROSTHESIS /CHOPART	19	30	7	40	17	16	9
SHOES	716	605	973	800	872	472	378
SPLINTS	251	179	346	542	562	559	521
<b>TOTAL</b>	<b>1,774</b>	<b>1,761</b>	<b>2,435</b>	<b>2,026</b>	<b>2,246</b>	<b>1,684</b>	<b>1,417</b>



Thanks to our donors, the workshop received some new machines and tools this year. With the arrival of the new tools, we had a sufficient number for the technicians at each table.

## Mobile Unit

This year our mobile unit expanded its services to some new areas. In the Volta Region the team visited Dodi Papase and Dambi, and in the Ashanti/Brong Ahafo Region, they added Jackie Pramso. We are now considering a visit to the Afram Plains Region. These three areas have been inviting us for some time. We also want to work with the local agencies there that try to reach out to the physically challenged.

In 2016 we saw 4,192 patients at the OPD in Nsawam, and 2,266 on trek. We view the mobile unit as a strategic part of our outreach program. This year we also began a community outreach program, and every Wednesday one of our physiotherapists joins the community nurse in visiting the surrounding areas of Nsawam. She has seen and treated CP (Cerebral Palsy) patients who had been hidden in their homes.



We are very grateful to Kal Tire for its sponsorship of the mobile unit and for its support of our outreach program.

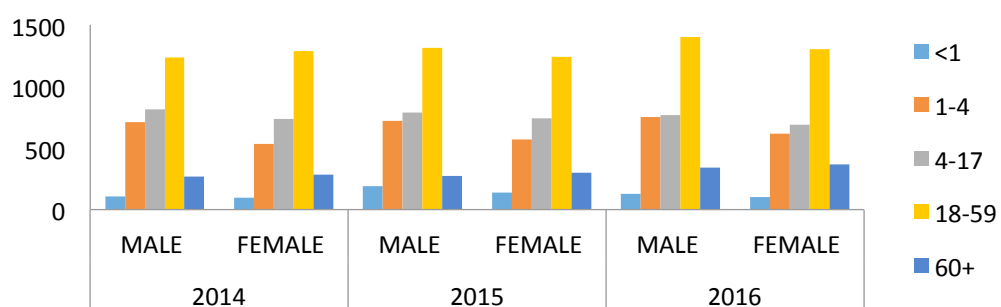


## Children's Department

This department continues to open its doors to children who need physiotherapy and training in the use of their orthopedic appliances. Several of the children attend schools outside the OTC. Those who are here for a short time have classes here on our campus, where we can begin their education experience or help them keep up with classes they are missing during their rehab. We believe that education is very important for the future of these children.



**GENDER AND AGE DISTRIBUTION OF PATIENTS SEEN AT O.T.C 2014-2016**



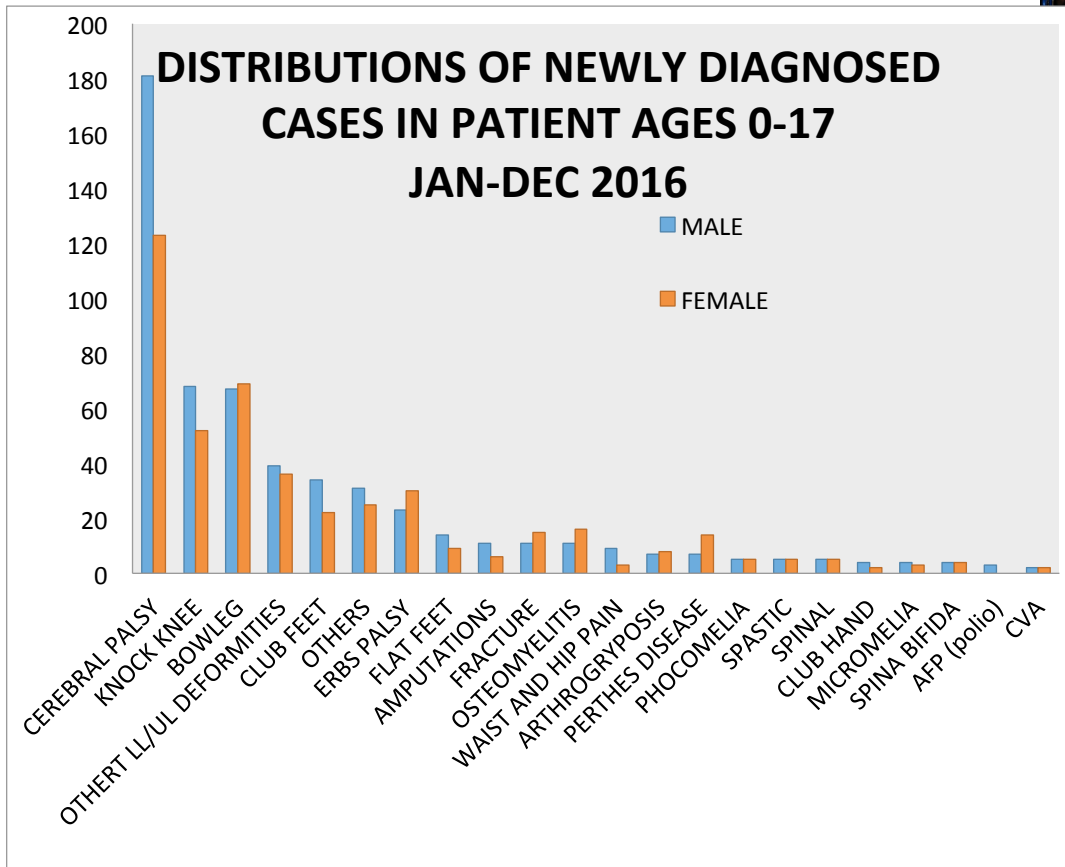


As you can see from the chart, we are seeing many children with Cerebral Palsy (CP). A recent study shows that of every 300 children born in Ghana, one has CP. This alarming statistic has raised great concern about what we can do to help these children and their parents. In March we will begin a CP clinic once a week, and it is our hope to obtain funds that will enable us to open a day care for some of the CP children in our area. We plan to offer physio, occupational therapy, and some education during the hours they will be with us.

We also continue our club foot program, which has been very successful.



Mothers stay with their children for six weeks as the POP is applied. Fortunately, a doctor comes to us for the tenotomy.



# Brother Tarcisus Prosthetics and Orthotics Training College



The College had its first Matriculation Ceremony in 2016. The Bishop of Koforidua, as well as members from the Ministry of Health and KNUST, graced the occasion.

This year the College had its first consultation with the International Society of Prosthetics and Orthotics (ISPO). They evaluated what we have and made suggestions as to what has to be done before they can grant accreditation from their international organization.



For Founder's Day the College football team played the OTC team. Sister had to consult with the referee to verify that the College lost the match due to a technicality. The trophy was awarded to the OTC team.





## Staff Members

WORKERS GRADE	NO
DIRECTOR	1
ASSISTANT DIRECTOR	1
GENERAL MANAGER	1
SECRETARY	1
ACCOUNTANT	1
ASSISTANT ACCOUNTANT	1
ACCOUNTS CLERK	1
SENIOR TECHNICAL OFFICER	5
TECHNICAL OFFICER	1
SEN. TECHNICAL ASSISTANT OFFICER	2
TECHNICAL ASSISTANT OFFICER	9
PRINCIPAL ARTISAN	1
SENIOR ARTISANS	1
ARTISAN	1
APPRENTICES	5
PRINCIPAL HEALTH ASSISTANTS	3
PHYSIOTHERAPIST	1
ASSISTANT PHYSIOTHERAPIST	3
HOUSEMOTHERS	3
CLEANERS	7
COOKS	2
DRIVER	1
MAINTENANCE	3
LABORERS	3
SECURITY	9
TEACHERS	4
CASHIER	1
RECORD OFFICER	1
PUBLIC RELATIONS OFFICER	1
ENROLLED NURSE	1
<b>TOTAL NO.</b>	<b>75</b>

We are sorry to announce the death of Mr. Ahmed Jakaya.

Employed as a watchman for the OTC since 2014, Ahmed passed on October 10, 2016. He was loved by all of us at the OTC.



Ms. Vivian Opeku (Queen Mother Mama Agoe II), the OTC school's headmistress since 2002, retired in 2016. We thank her and miss her as she was a true mother to all the children.



## Events



In May and November we welcomed a visit by the Second Lady of Ghana, Mrs. Arthur. She gifted the OTC with computers, school supplies, and food items.

Mrs. Arthur also brought her love and concern for the children and has arranged for one of our children to have eye surgery.

On January 15 the staff and children came together to remember Brother Tarcisius. We had mass and went to the cemetery to lay a wreath and pray. It was the second anniversary of his death.



With the help of donors, the OTC had 20 solar street lights installed on the compound. They give light and security.



On Founder's Day OTC children played football against staff children.



The Australian High Commissioner, Mr. Andrew Barnes, and some of his staff joined us in celebrating The International Day of Persons with Disabilities.



**Diocese:** Koforidua      **District:** Nsawam Adoagyiri      **Region:** Eastern

**Month:** January - December      **Year:** 2016

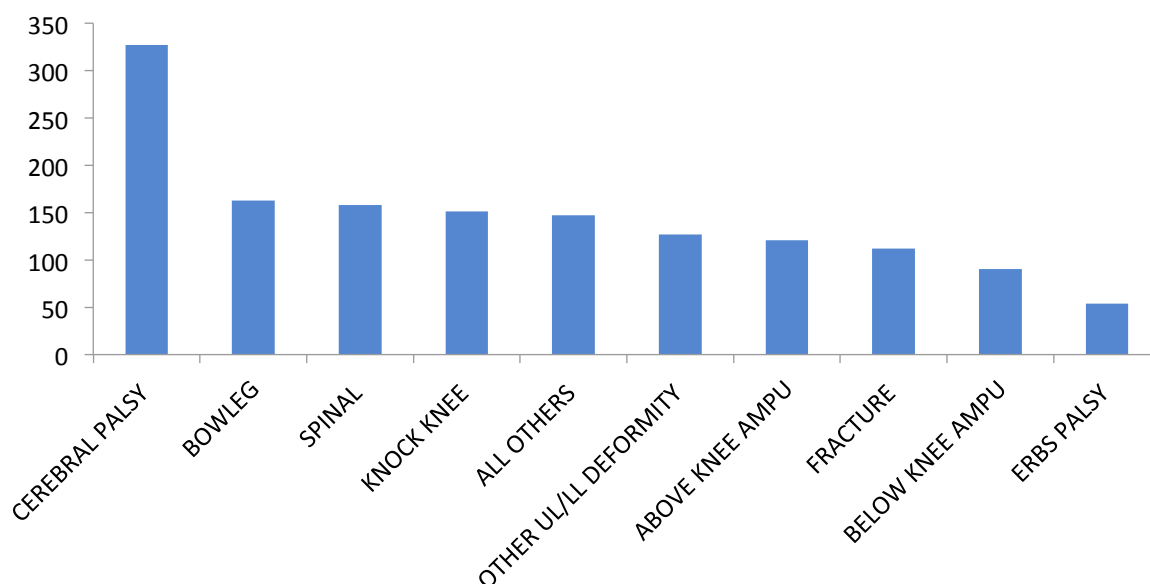
	OUT-PATIENTS			IN-PATIENTS		
Age Group	Male	Female	Total	Male	Female	Total
≤ 1	130	101	231	13	7	20
1 - 4 years	749	615	1,364	9	14	23
5 - 17 years	766	687	1,453	22	28	50
18 - 59 years	1,399	1,304	2,703	49	28	77
60 years and above	339	368	707	13	6	19
<b>Total</b>	<b>3,383</b>	<b>3,075</b>	<b>6,458</b>	<b>106</b>	<b>83</b>	<b>189</b>

	New Cases Treated			Review Cases Treated		
Types of Cases Treated	Male	Female	Total	Male	Female	Total
Polio	33	42	75	272	396	668
Amputations	173	86	259	935	482	1,417
Leg Deformities	344	380	724	413	453	866
Spastic	8	6	14	23	35	58
Spinal	53	105	158	52	123	175
Congenital	269	207	476	636	523	1,159
All Others	91	129	220	81	108	189
<b>Total Cases Treated</b>	<b>971</b>	<b>955</b>	<b>1926</b>	<b>2,412</b>	<b>2,120</b>	<b>4,532</b>

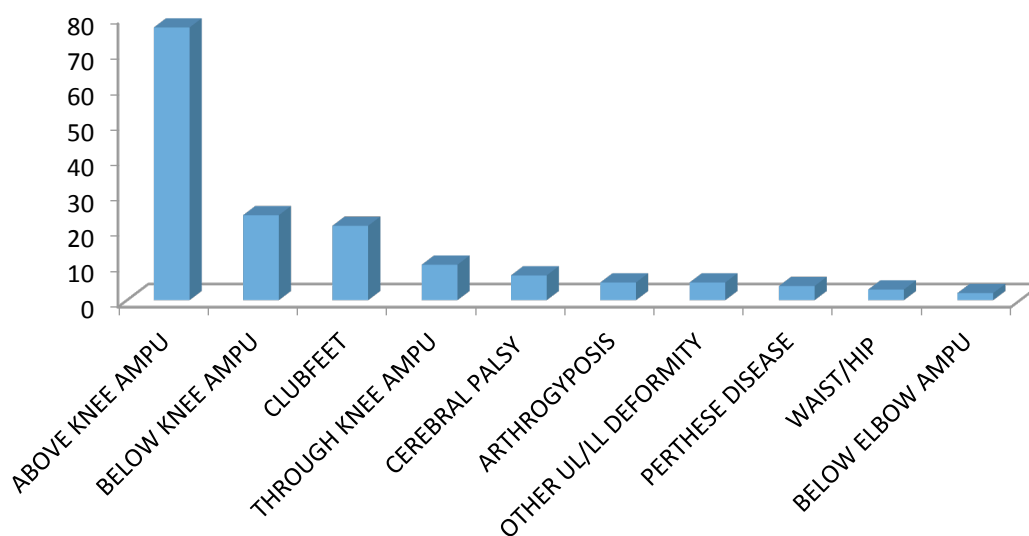
	New Cases			Reviewed Cases		
Causes of Amputation	Male	Female	Total	Male	Female	Total
Birth deformity	3	7	5	51	51	102
Buruli Ulcer	5	2	8	17	16	33
Diabetes	38	50	68	212	111	323
Osteomyelitis	13	16	28	56	46	102
Fracture	7	7	9	42	12	54
Snake Bite	4	2	5	14	11	25
Industrial Accident	18	8	19	73	7	80
Home Accident	19	6	21	31	11	42
Road Traffic Accident	47	35	63	362	152	514
Gangrene	17	14	28	51	56	107
Cancer	2	5	5	26	9	35
<b>TOTAL</b>	<b>171</b>	<b>147</b>	<b>259</b>	<b>909</b>	<b>473</b>	<b>1,417</b>

## Statistics

### TOP TEN CAUSES OF OPD ATTENDANCE AT O.T.C IN 2016



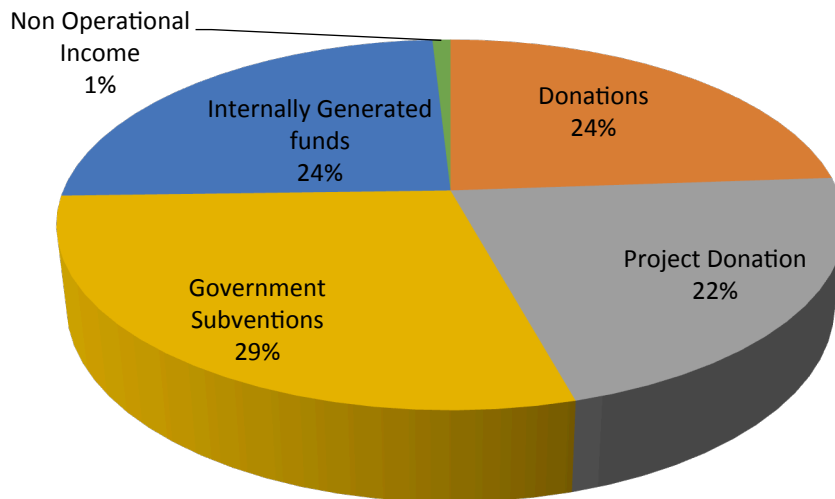
### TOP TEN CAUSES OF ADMISSION AT O.T.C IN 2016



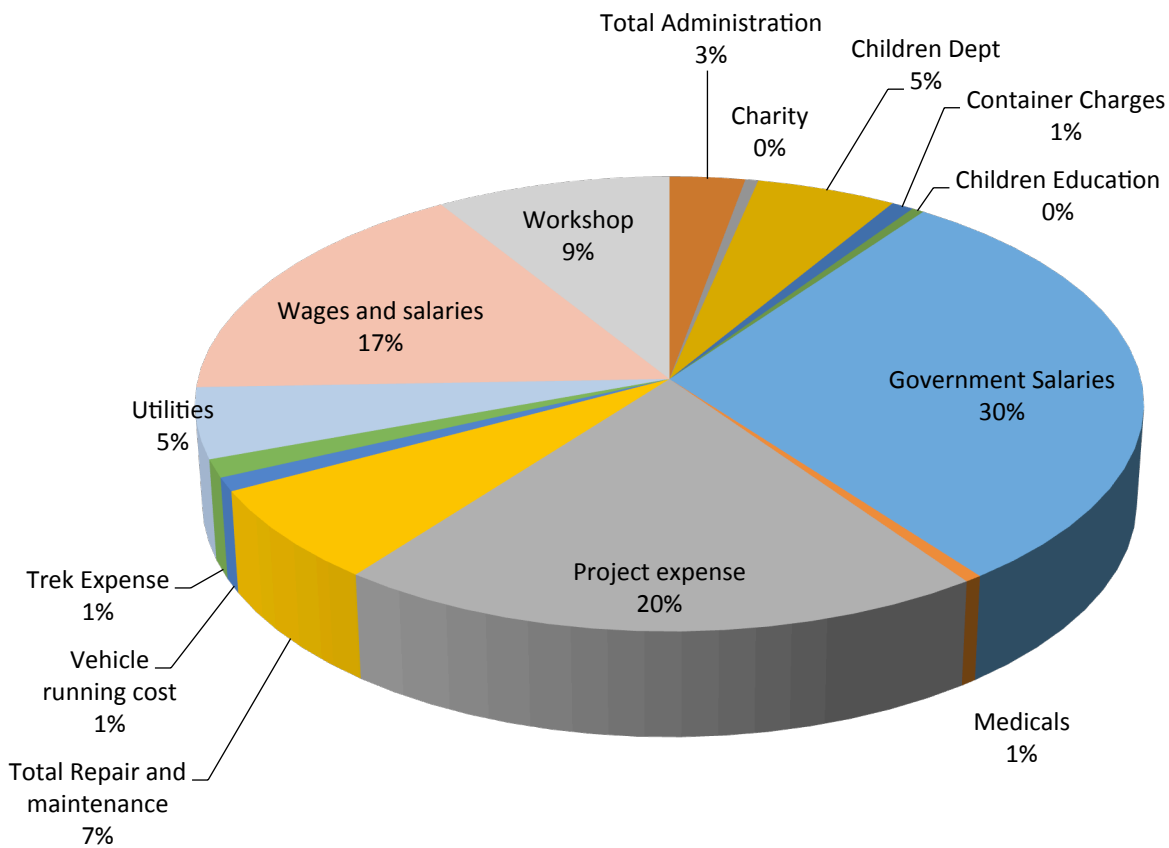


# Financial Charts

## Income



## Expenses



## ***The OTC Giving Tree***



**The OTC Giving Tree represents the growth of our Centre since 1961. From the first seeds planted by Brother Tarcisus as he began to fulfill his dream of serving the physically challenged adults and children of Ghana, the Centre has become the healthy, every-expanding tree depicted here. We know, as he did, that his dream continues to flourish because of your many gifts. Your grants, scholarships, sponsorships, and private contributions come to us from across the globe, from Ghana as well as from Austria, Australia, Belgium, Canada, England, Germany, Japan, The Netherlands, and the United States. If the branches represent your countries, it is you, our corporate and individual donors, who are represented by the leaves. It is you whose contributions flow from generous hearts and give joy and hope to thousands of adults and children here each year. You are an integral part of us, and all of us here—administrators, staff, students at our technical college, patients and their families—send from our hearts to yours this sincere and grateful recognition and THANK YOU!**



## OTC Wish List

**Brother Tarcisius Prosthetics and Orthotics Training College:** In order for our ministry to continue, we must prepare professionals for the future. It is both our desire and our responsibility to ensure that the physically challenged receive the highest quality care. To achieve this goal, we need scholarships for students at the cost for each of \$1,500/year for three years. Potential donors are welcome to partner with others by committing to sending a partial scholarship. In addition, it is necessary to send promising students on for their degrees in P&O. At present Ghana has only two persons with that degree. We also hope that in September we will be able, for the first time, to send a young woman to begin her four-year degree program. The cost is \$10,000/year. We have already received a sponsorship for her first two years but need another sponsorship or co-sponsorship to cover the \$20,000 for her last two. We cannot let her start her studies unless we are certain that she will be able to complete them.

**Orthopedic Workshop:** Although we have been able to purchase some new machines, a Vacuum Pump (\$6,500) and an Infrared Oven (\$4,772) would allow us to make our own foot and leg splints. It is also necessary to tile the walls of the consulting rooms (\$5,000).

**Children's Department:** We continue to subsidize each child's orthopedic appliances as well as his/her boarding fees. However, we would also like to offer educational scholarships so that these children can begin or continue their education. A donation of \$500 a year can give a child not just mobility but even greater hope for the future.

**OTC Campus:** Because the surrounding area is developing and houses are being built very close to our property, we need to erect a fence around our buildings. We have already had some problems not only with people coming through but with break-ins. For the safety of the children and of the amputees, we want to mark our land as soon as possible. The cost is \$65.00 per meter square.

**\*\*All donations are tax-deductible according to IRS regulations and should be sent to:**  
OTC Ghana c/o Divine Word Missionaries, P.O. Box 6099, Techny, IL 60082-6099 USA  
with note: for OTC in Nsawam, Ghana.