

Polio- Past, Present and Future

World Polio Day
UVU Rotaract
Club

October 21, 2020





Nameste

" I bow to that
(divinity) inherent in you."









The Past

1580-1342 BCE-
Egyptian stele
depicts priest with a
withered leg leaning
on a staff.



Polio

1916- Polio epidemic
in NYC, spread to 27
States.

27,000 paralyzed
9,000 dead

After 1916, epidemic
every summer.



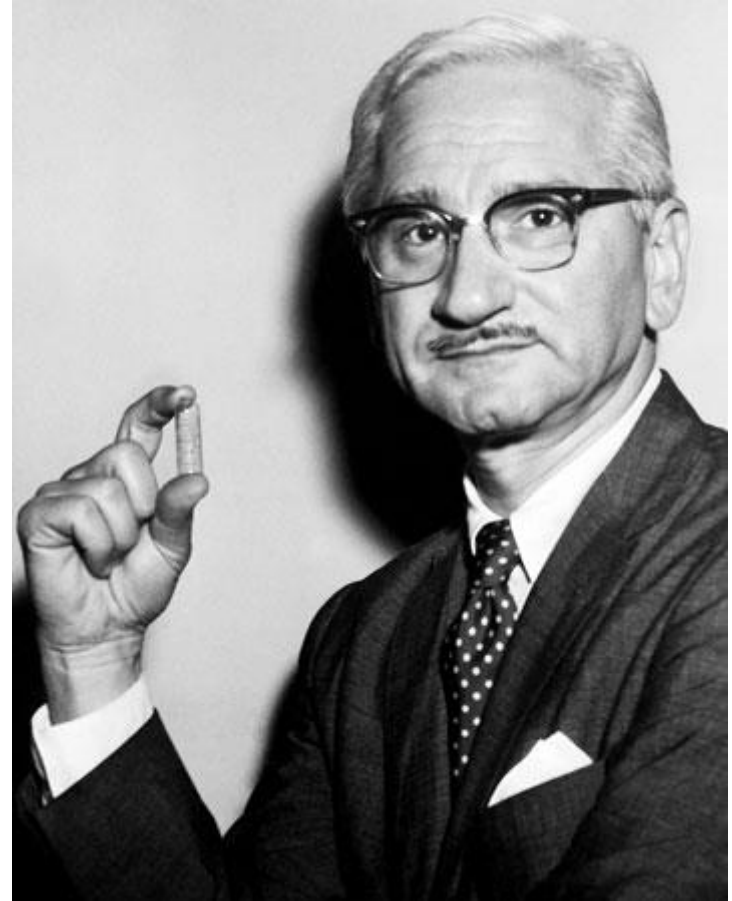
Polio

1954- Dr. Jonas Salk
Develops the first
vaccine against polio,
an injectable
inactivated (killed)
polio vaccine (IPV).



Polio

1961- Dr. Albert Sabin develops “live” oral vaccine (OPV).



Rotary and Polio

1979- First ever 3-H
Grant.

Project to buy and
deliver vaccine to 6
million children in
the Philippines.



Rotary and PolioPlus

1985- Rotary
International
launches PolioPlus.



Progress toward Polio Eradication

A world map with a black background. Countries are colored in red, indicating polio cases in 1985. The red areas cover North America, South America, Africa, Europe, and Asia. Australia and parts of the Pacific and Arctic regions are in grey, indicating no reported cases. The year '1985' is written in red with a white outline in the center of the map.

1985

1985:

- **350,000 cases**
- **125 countries**



Governments of the World

BILL & MELINDA
GATES *foundation*

The Present



Polio still cripples thousands of children around the world. With your help, we can wipe this disease off the face of the earth forever. Visit rotary.org/endpolio to help.

END POLIO NOW  Rotary

We Are **ThisClose** to Ending Polio.

Shahid Afridi

Progress toward Polio Eradication

A world map with a black background and white outlines of continents and countries. The year '2019' is written in large, red, stylized font in the center of the map. Two countries, Pakistan and Afghanistan, are highlighted in red on the map, indicating the only remaining areas where polio cases were reported in 2018.

2019

1985:

- 350,000 cases
- 125 countries

2018:

- 29 cases
Pakistan and Afghanistan

Why is polio more difficult to eradicate than smallpox?

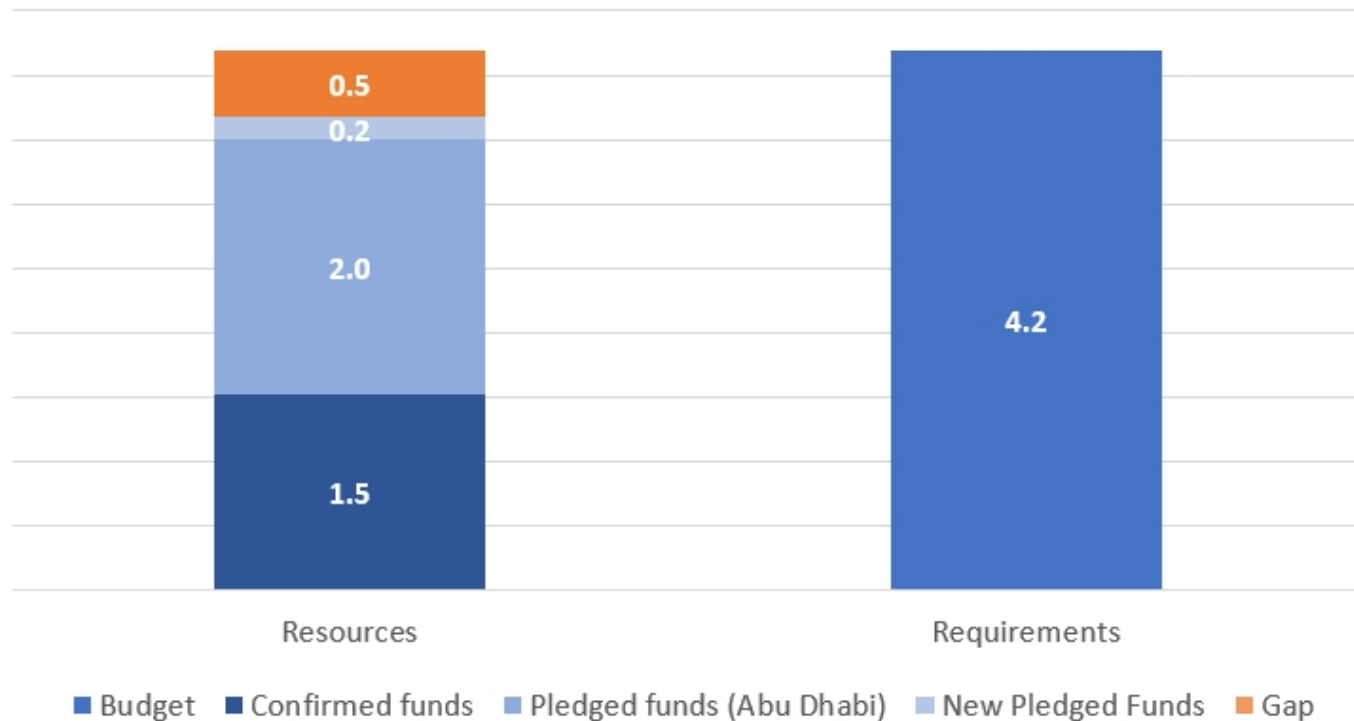
Smallpox easy to identify

Only 0.5% infected with polio have paralysis



GPEI 2019-2023 Budget & Funding Gap¹

(as at 30 June 2020 - in US\$ billions)



¹ As the GPEI adapts its approaches due to increasing outbreaks, further compounded by COVID-19, financial resource requirements (FRR) are expected to increase. The GPEI is currently undertaking financial and risk modeling to update FRRs for the 2020-2023 period. All updates will be posted on the GPEI website. For information on GPEI's work during COVID, please refer to the GPEI/COVID brief



Gates Foundation Pledge at 2017 RI Convention

Will match all Rotarian Raised Polio Donations \$2 for each \$1 contributed, up to \$50 million/year through 2020.

What is our part of the Rotary Pledge?

*\$50 million/year
for three years.*

Gates= \$300 m

Rotary= \$150 m

\$450 m

\$42/Rotarian/year



5 Reasons to Eradicate Polio



1. It Saves Lives

If we choose to control polio rather than eradicate it, more than 10 million children under the age of 5 would be paralyzed over the next 40 years!



2. It is Achievable

We have the tools to end the disease and the means to reach all children.



3. It is a Good Investment

The US \$9 billion investment in a polio-free world will net an economic benefit of \$40-50 billion over the next 20 years.



4. It Strengthens the System



Our efforts have established an active disease surveillance network in all countries that is supporting other health interventions, including measles vaccinations and the distribution of medicines and bed nets.



5. It Sets the Stage

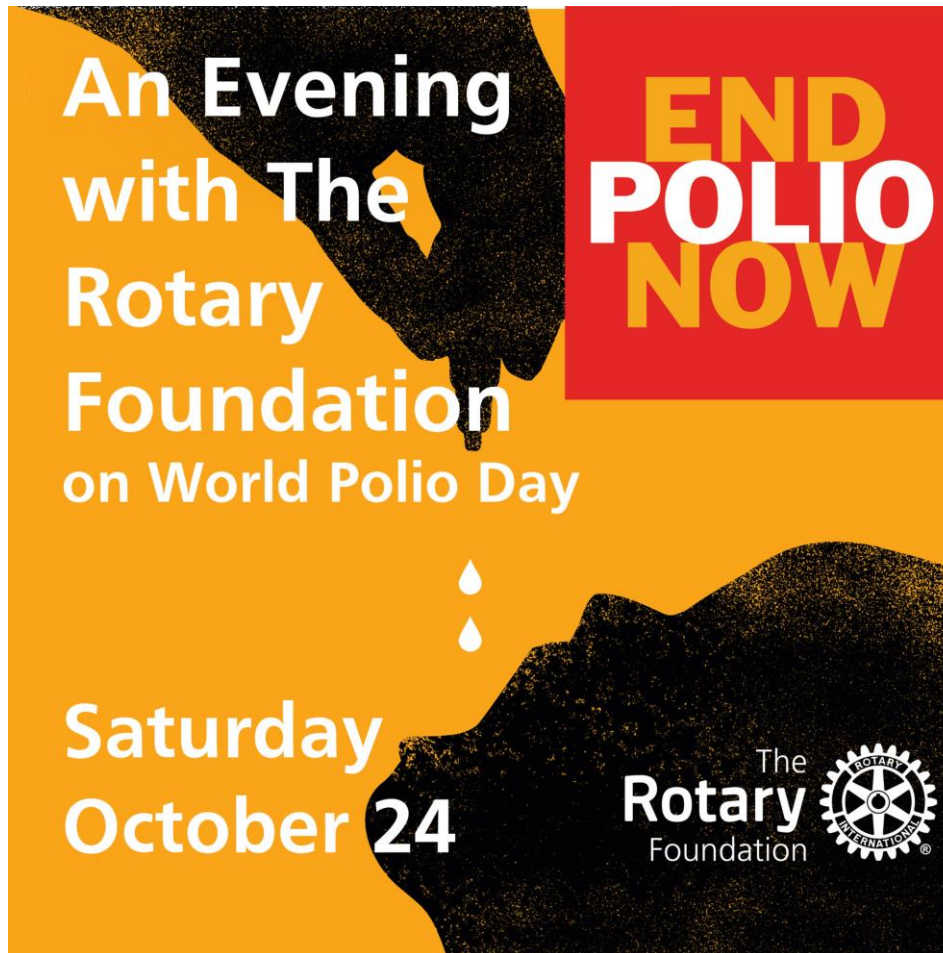
The ability to reach all children with the polio vaccine is proof that we can succeed on our next major global health initiative.

Our role as Rotarians and Rotaractors

- **Raising money-** Gates \$2/Rotarians \$1
- **Advocacy-** with political leaders
- **Community awareness-** starting with your own club.

Free Registration at
<http://www.utahrotary.org/events/>

7-8 pm




An Evening
with The
Rotary
Foundation
on World Polio Day

**END
POLIO
NOW**

Saturday
October 24

The
Rotary
Foundation







END
POLIO
NOW



PolioPlus

 Rotary International

ERADICATE POLIO
आओ खत्म करें पोलियो को
آو پوليو ختم کریں

POLIO SUNDAY
पोलियो रविवार
پوليو اتوار

JUST TWO DROPS
दो बूंद जिन्दगी की
دو بوند زندگی کی

Sponsored By:
Rtn Roger
Rtn Jill McQueen
 R.C. Of Twin Creek Road, D-24, 5820 USA

21st February 2016

5. 108

आम से उमक धर तक धारस लाने हेतु।
अवैमिक सेवा एवं परिवार सुविधा उत्तम करके जाने हेतु।

का पानी



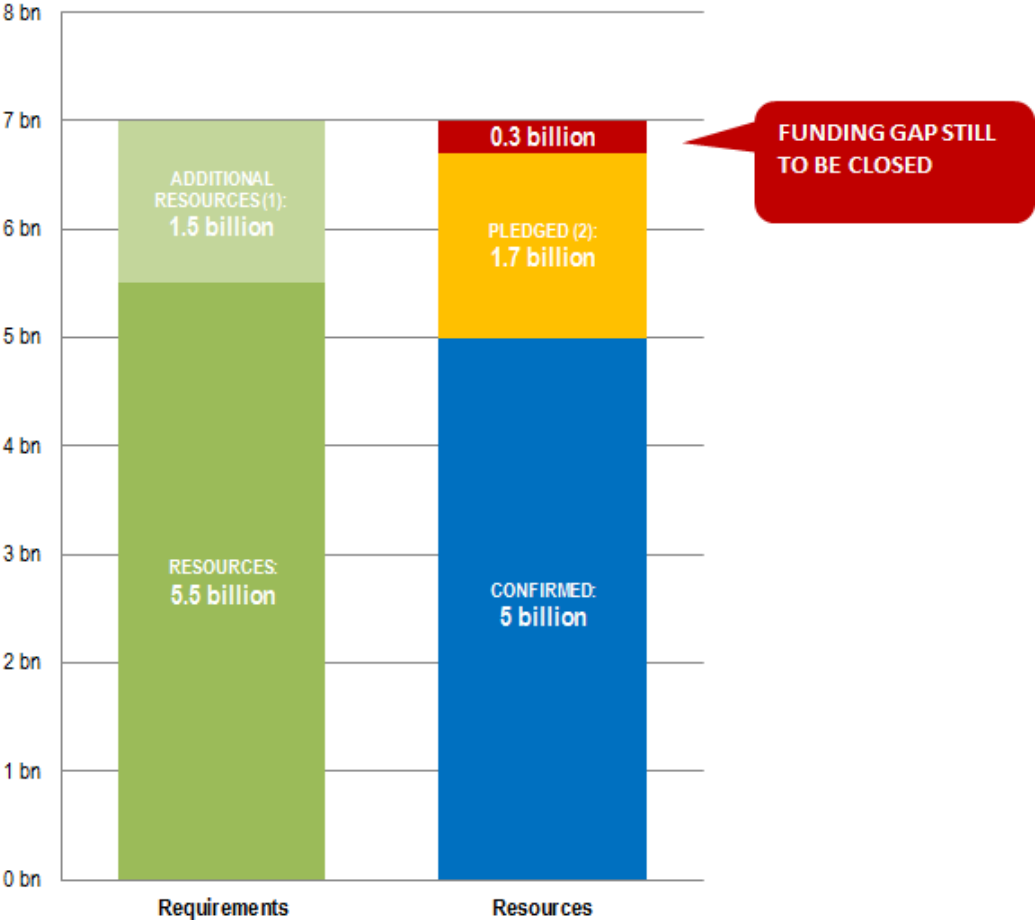
Polio Eradication Update

for the week ending 04/21/18

Total cases	YTD 2018	Total 2017	Total 2016	Total 2015
Globally	8	22	37	74
in endemic countries	8	22	37	74
in post-endemic countries	0	0	0	0

Meeting GPEI's funding requirements, 2013-2020

(All figures in US\$)







Presidential Citation

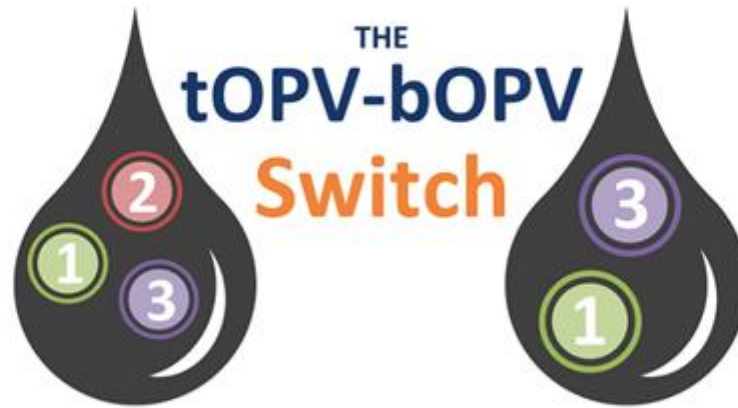
Clubs must achieve three of six goals

#3. PolioPlus contribution of
\$2650

Global Vaccine Switch

17 April – 1 May

155 countries and territories



New Partners

- Red Cross
- Red Crescent
- GAVI Alliance
- Islamic Advisory Group













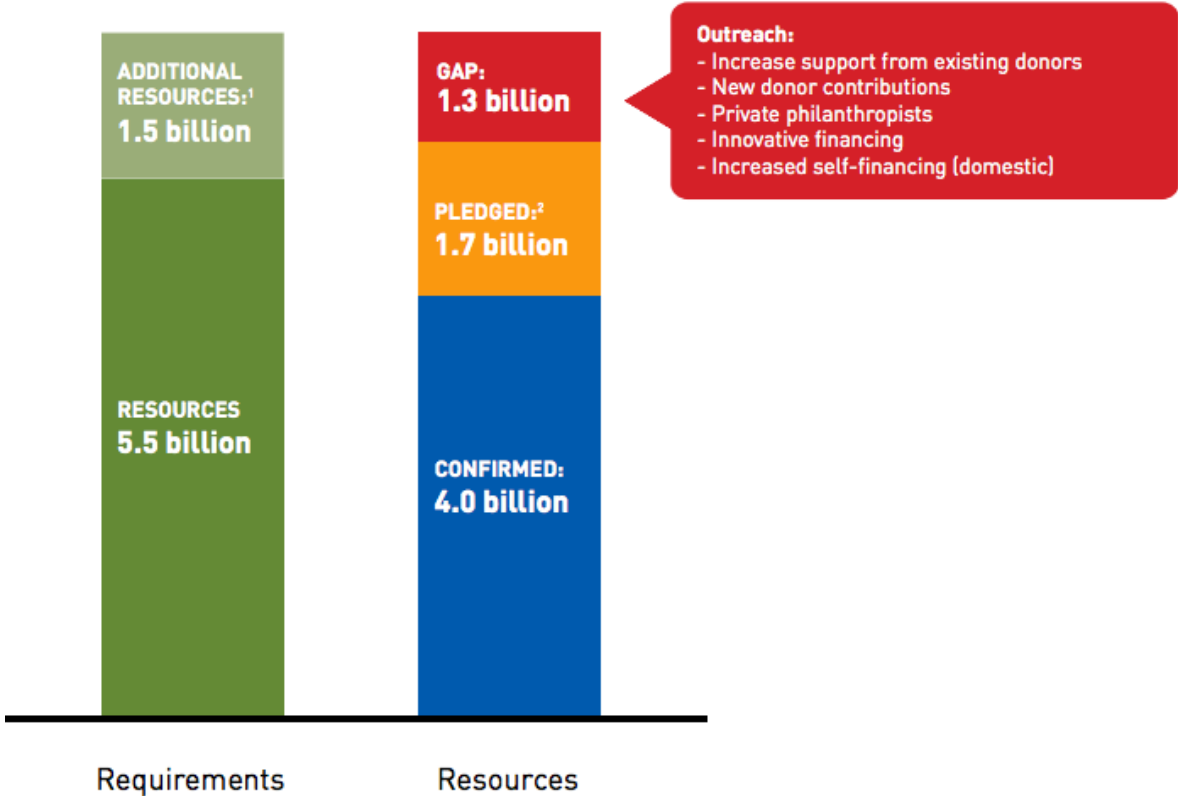


**Club 24 and
District 5420 Go To
INDIA!!!**





Current Contributions and Pledges 2013-2019

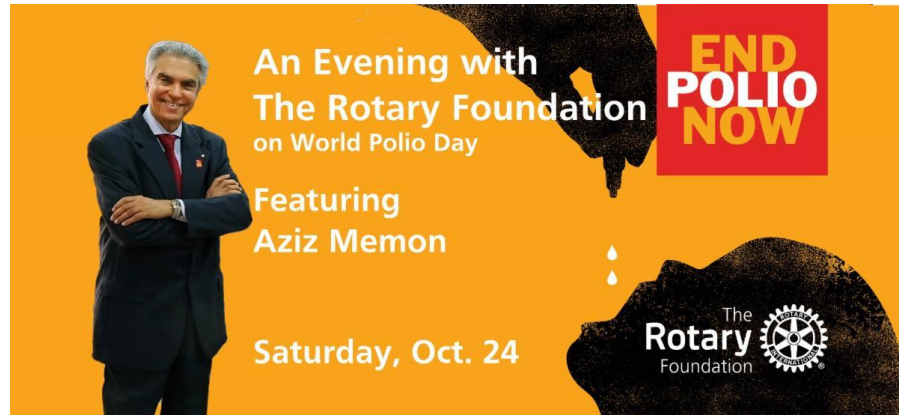




**16,000,000 children have been saved
from paralysis from polio since 1988**

Free Registration

<http://www.utahrotary.org/events/>



Join us Saturday to Welcome Rotary Foundation Trustee Aziz Memon

Rotary leader Aziz Memon is on the front line with the World Health Organization in his homeland of Pakistan in Rotary's battle against polio. A business leader and philanthropist, Memon is widely recognized for his hands-on engagement in the fight to End Polio Now. He will come to us live from Karachi this Saturday evening - a rare opportunity for Utah Rotarians.

An Evening with The Rotary Foundation on World Polio Day

Saturday, Oct. 24 - 7:00-8:00 p.m. (live on Zoom)

Click for Free Registration

Help us celebrate rotary's remarkable accomplishments this Saturday with An Evening with The Rotary Foundation on World Polio Day.