



**End Polio Now:
A Marathon Towards the Finish Line of
Eradicating Polio
15 July 2024**

**Presentation to Rotary Club of Wancahi
by PDG Ada Cheng**





Ada Cheng
Past District Governor 2009-2010
RI D3450

Assistant Regional Rotary Foundation Coordinator 2023-2025
RI Diversity, Equity and Inclusion (DEI) Working Group Member 2021
District DEI Committee Chair 2022-25

Served as
Training Leader, International Assembly 2017 & 2018
Rotary Young PDGs Committee Member 2018-2019
GETS Trainer & Head GNTS Trainer at Zone Institutes
WASH in Schools Challenge Target Working Group Member
RI President's Personal Representatives at District Conferences
TRF Centennial Celebration Speakers Bureau member
Moderator and Panelist at RI Convention and Zone Institute.
Rotary Public Image Coordinator for Zone 10B
Assistant Rotary Coordinator for Zone 10B,
Permanent Fund Committee Member (Taiwan, Macau and Hong Kong)

Classification: Corporate Services

Paul Alexander

(72 years living using iron lungs)





**Paul Alexander
Forced Into An Iron Lung
By Polio In 1952, Dies At 78**

Paul Alexander:

**Accomplished lawyer
Author,
Artist,
Advocate &
A Rotarian**



WHAT IS POLIO?



THE DISEASE

What Is Polio?

1. Poliomyelitis virus.
2. Invades the nervous system & cause total paralysis in hours.
3. Mainly affects children below 5 years old.
4. One in 200 infections leads to irreversible paralysis.
5. Among those paralysed, 5-10% die when their breathing muscles become immobilized.
6. There is no curable, but preventable by vaccines.
7. Polio can be eradicated. We have reduced cases by 99.9% since 1988.

THE 'PLUS' IN POLIOPLUS

When we talk about PolioPlus, we know we are eradicating polio, but do we realize how many added benefits the program brings? Preventing others diseases, providing clean water, creating jobs and improving healthcare are just some of the other derived outputs and derivations of the PolioPlus program.

The “plus” is something else that is provided as a part of the polio eradication campaign. It might be a hand-operated tricycle or access to water. It might be additional medical treatment, bed nets, or soap. A 2010 study estimates that vitamin A drops given to children at the same time as the polio vaccine have prevented 1.25 million deaths by decreasing susceptibility to infectious diseases.

ROTARY & POLIO

- 1979 -

Rotary International begins its fight against polio with a multi-year project to immunize 6 million children in the Philippines.

- 1985 –

Rotary International launches PolioPlus, the first and largest internationally coordinated private-sector support of a public health initiative, with an initial fundraising target of US\$120 million.

- 1988 -

Rotary International and the World Health Organization launch the Global Polio Eradication Initiative. There are an estimated 350,000 cases of polio in 125 countries.

ROTARY & POLIO

- 2003 -

The Rotary Foundation raises \$119 million in a 12-month campaign. Rotary's total contribution to polio eradication exceeds \$500 million. Six countries remain polio-endemic – Afghanistan, Egypt, India, Niger, Nigeria, Pakistan.

- 2006 -

The number of polio-endemic countries drops to 4 - Afghanistan, India, Nigeria, Pakistan.

- 2009 –

Rotary's overall contribution to the eradication effort nears \$800 million. In January, the Bill & Melinda Gates Foundation pledges \$355 million and issues Rotary a challenge grant of \$200 million. This announcement will result in a combined \$555 million in support of the Global Polio Eradication Initiative.

ROTARY & POLIO

- 2012 –

India surpasses 1 year without a recorded case of polio and is removed from the list of countries where polio is endemic. Polio remains endemic in just 3 countries. Rotary surpasses its \$200 Million Challenge fundraising goal more than 5 months earlier than expected.

- 2014 –

India goes 3 full years without a new case caused by the wild poliovirus, and the World Health Organization certifies the South-East Asia region polio-free. Polio cases are down over 99% since 1988.

- 2019 –

Nigeria goes 3 full years without a new case caused by the wild poliovirus.

- 2020–

The World Health Organization certifies the African region wild polio-free.

OVER THREE DECADES OF COMMITMENT

1. Established in 1988
2. A public-private partnership led by national governments with 6 core partners:
 - I. World Health Organization (WHO)
 - II. Rotary International
 - III. US Centers for Disease Control & Prevention (CDC)
 - IV. United Nations Children's Fund (UNICEF)
 - V. Bill & Melinda Gates Foundation and
 - VI. Gavi, the Vaccine Alliance
3. Its goal is to eradicate polio worldwide

POLIO GLOBAL
ERADICATION
INITIATIVE

(GPEI)

<https://polioeradication.org/>



OVER THREE DECADES OF COMMITMENT

1. In 1988: 350,000 cases of polio in 125 countries every year
2. Cases reduced by 99.9 percent as of 2023
3. Rotary & its partners helped 19.4 million people who would otherwise have been paralyzed are walking
4. More than 1.5 million people are alive who would otherwise have died

POLIO GLOBAL
ERADICATION
INITIATIVE

(GPEI)

6 CORE PARTNERS

200 COUNTRIES INVOLVED

20 MILLION VOLUNTEERS

over **3** BILLION CHILDREN
VACCINATED

US\$ **18** BILLION
INTERNATIONAL
INVESTMENT

GOAL A POLIO – FREE
WORLD

ROTARY & POLIO

Rotary's chief role is fundraising, advocacy, and mobilizing volunteers. Rotary members contributed > \$2.2 billion & volunteer hours to protect nearly 3 billion children in 122 countries from Polio.

Rotary's advocacy efforts played a role in decisions by governments to contribute more than \$10 billion.

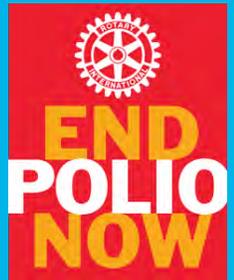
The infrastructure Rotary helped build to end polio is also being used to treat & prevent other diseases (including COVID-19) & Rotary create lasting impact in other areas of public health.

POLIO | **GLOBAL
ERADICATION
INITIATIVE**

(GPEI)



SUCCESSSES



MILESTONES OF ACHIEVEMENTS

Endemic Countries:

2

(Pakistan & Afghanistan)



**Certified Polio Free
Countries:**

217



MILESTONES OF ACHIEVEMENTS



4 years: Africa region was declared and certified free from polio.

10 years: World Health Organization (WHO) South-East Asia Region was certified free of polio.



30 years: the WHO Americas Region was certified as polio-free.

50 years: the launch of the Expanded Programme on Immunization, which ensures equitable access to vaccines (including polio vaccines).

WPV & VDPV

Caused of Polio:

- a) Wild PolioVirus (WPV) or
- b) Vaccine-Derived Polio Virus (VDPV)

WPV is the virus that occurs in nature.

Three types of WPV: type 1, 2 and 3.

Type 1 (WPV1): Remains circulating in parts of the world.

Type 2 (WPV2): Fully eradicated in 2015.

Type 3 (WPV3): Fully eradicated 2019.

Only WPV1 remains today



VDPV – PREVENTION

1. Maintain high rates of vaccination among children
2. Vaccination protects children from any kind of polio, whether wild or vaccine derived.
3. Strong immunization systems & good ongoing surveillance, are key to minimizing the risks.
4. **MUST** react immediately to prevent harm to children and the possibility of wider spread.
5. Good systems so that emergency response can be timely and effective.
6. Continuous research & innovation sponsored by GPEI & rolling out the new tools like enhanced data analytics



REACHING THE FINISHING LINE



WHO Update

Wild Poliovirus Weekly Update

10 July 2024

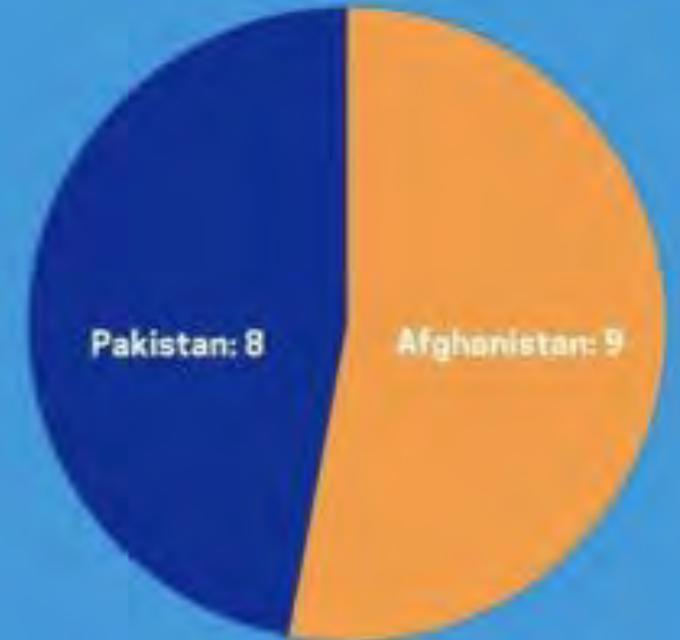
2023

12 children paralyzed by polio



2024

17 children paralyzed by polio



www.polioeradication.org

#EndPolio



World Health Organization



END
POLIO
NOW

YOUR DONATION MATTERS

For as little as US60 cents, a child can be vaccinated against polio for life.

\$15 = **25 DOSES OF POLIO VACCINE**
Just 60 cents will protect a child for life.

\$25 =  **50 POSTERS PROMOTING IMMUNIZATION DAYS**
This promotional tool is essential in getting parents to bring their children to vaccination areas. In India, more than 172 million children are vaccinated during a single national immunization campaign.

\$50 =  **100 VESTS FOR VOLUNTEERS**
Bright yellow vests help those seeking vaccination to recognize health workers and volunteers easily.

\$100 =  **800 FINGER MARKERS**
After children receive the vaccine, their pinky fingers are stained with purple ink to show they've been immunized. This is an effective, affordable, and safe way to ensure every child is reached.

\$350 =  **350 VACCINE CARRIERS**
Oral polio vaccine must be kept cool to remain effective.



**END
POLIO
NOW**

ROLES OF ROTARIANS IN POLIO

1. Raise US\$50 million for polio eradication each year through 2026.
2. The Gates Foundation will match that amount 2-to-1.
3. The agreement will yield upto \$450 million for polio eradication activities.
4. Clubs are encouraged to give at least \$1,500 each year toward polio eradication.
5. Districts are encouraged to give at least 20% of their starting District Designated Funds (DDF) to PolioPlus.

CELEBRATION OF WORLD POLIO DAY 2018



CELEBRATION OF WORLD POLIO DAY 2019



CELEBRATION OF WORLD POLIO DAY 2020



WORLD POLIO DAY 2021



END POLIO NOW

共融社會 根除小兒麻痺

2021

6th Nov 2021 (Sat)
2021年11月6日(星期六)



精彩同行 攤位遊戲 親子樂趣 攝影比賽



Part I :
End Polio Walk : Start time at your choice
Start : Anyplace
End : Arrived Science Park before 1:30pm

Part II :
Open Ceremony : 2:00 - 3:00pm
Art & Game Booth : 3:00 - 5:00pm
Venue : Science Park - W12 Grand Plaza



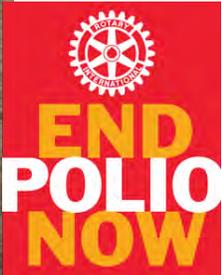
Please join **END POLIO PHOTO COMPETITION 2021 - 22**

PERSONAL EXPERIENCE



**END
POLIO
NOW**

GOBI MARCH 2004 (21 KM FUNDRAISING FOR POLIO)



GOBI MARCH 2004 (21 KM FUNDRAISING FOR POLIO)



NATIONAL IMMUNIZATION DAY – JAKARTA, INDONESIA 2005



NATIONAL IMMUNIZATION DAY – AGRA, INDIA 2005



NATIONAL IMMUNIZATION DAY – BAREILLY, INDIA 2008



NATIONAL IMMUNIZATION DAY – BAREILLY, INDIA 2008



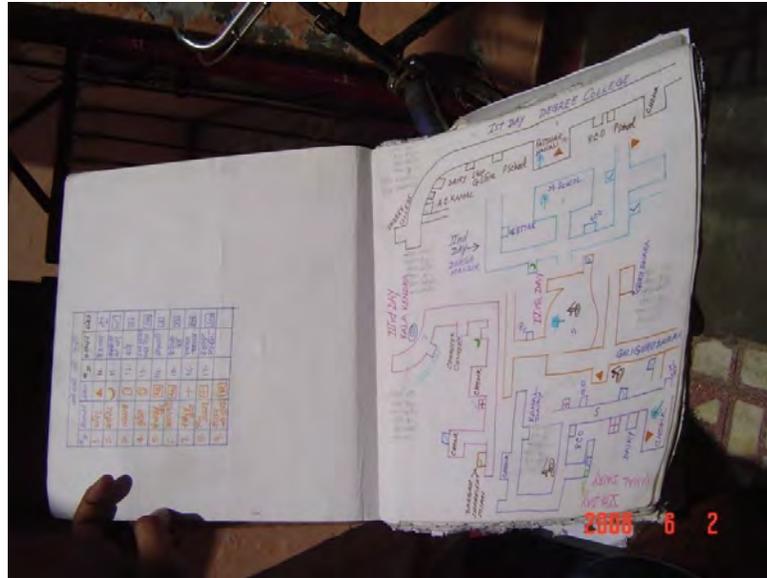
NATIONAL IMMUNIZATION DAY – BAREILLY, INDIA 2008

ग्रिड का नाम: वहीडली
ग्रिड की संख्या: 2

क्र.सं.	ग्राम पंचायत की संख्या	कुल पी.0 घर	8 वीं के घर के संख्या	ग्रिड के घर की संख्या	1 वीं के घर की संख्या	1 वीं के घर की संख्या (अन्य)	कुल 1 वीं के घर की संख्या	ग्राम पर संचालित घरों की संख्या	घर पर संचालित घरों की संख्या	ग्राम में संचालित घरों की संख्या	KI के घर
6	58	39	-	24	3	3	3	24	-	-	-
7	58	38	-	25	6	1	-	24	1	-	-
8	58	38	1	26	5	1	-	23	1	2	-
9	58	38	2	25	5	-	-	23	2	4	-

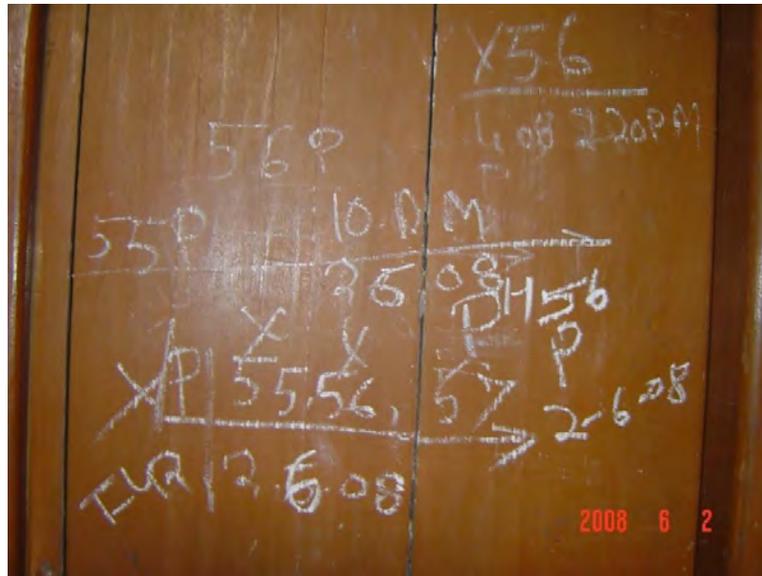
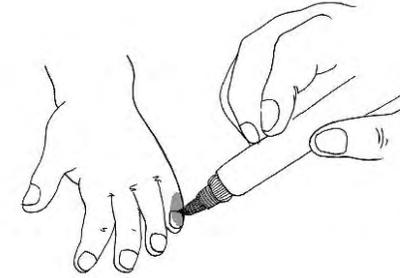
- संघसमिती के नाम व फोन नं.
- ग्रिड के घरों के नाम व फोन नं.
- कोटेदार का नाम व फोन नं.
- आगनवाड़ी का नाम व फोन नं.
- ग्रिड के घरों के नाम व फोन नं.

2008 6 2



Marking Children

- Mark put on left little finger
- Covering nail and skin
- Indelible election ink marker pen



END POLIO NOW



Bill Board of 5.79m (W) x 24.94 m (H) on display in Central Business District for over 3 month from 23 Feb 2010 for End Polio Now

10K RACE FUNDRAISING FOR POLIO 2010



The first ever 10K Race which not only raised USD30,000 for Polio but also created general publicity.



NATIONAL IMMUNIZATION DAY – DELHI, INDIA 2010



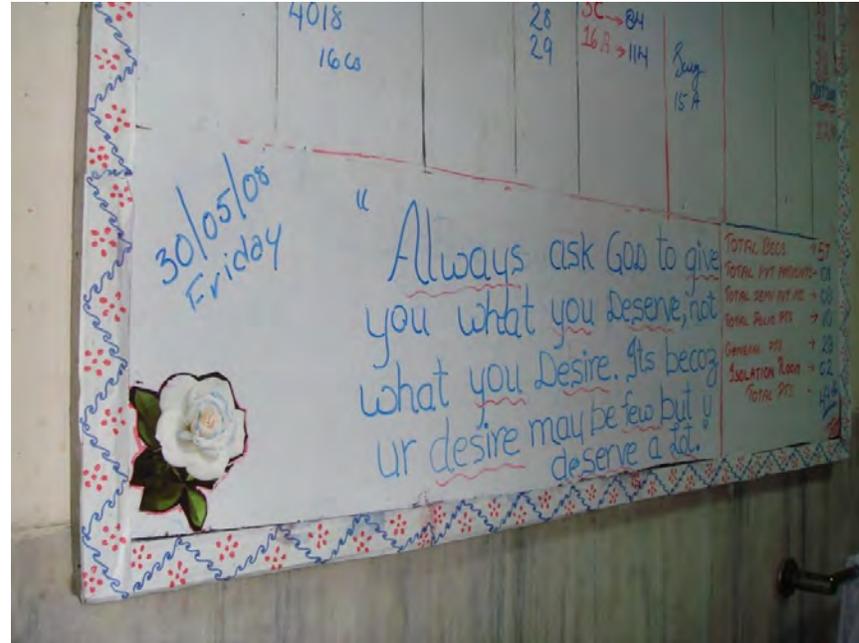
NATIONAL IMMUNIZATION DAY – DELHI, INDIA 2010



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NATIONAL IMMUNIZATION DAY – DELHI, INDIA 2010



NATIONAL IMMUNIZATION DAY – DELHI, INDIA 2010



St. Stephen's Hospital



National Immunization Day – Delhi, India 2012



न पल्स पोलियो प्रतिरक्षण अभियान - 2012

टेलीशीट-केवल घर-घर भ्रमण के लिए

क्षेत्र: Sarhau, जिला: Gurgaon, कार्यस्थल का नाम: Rajwada, सुपरवाइजर का नाम: Sha

सर्वर्यों के नाम: 1 V.Kes 2 Vijender

यह टेलीशीट का प्रयोग करें।

ये घर में, 0 से 5 साल की आयु के कुल बच्चों की संख्या उचित स्थान में दर्ज करें।

मये घर में, घर भ्रमण के दौरान, वहाँ मिलने वाले बच्चों की संख्या दर्ज करें।

में, सभी 0-5 साल के बच्चों को वहाँ मिलाई जा चुकी है तो घर के नम्बर के साथ 'P' लिखें।

या वहाँ पीने से उचित रह गया हो, या घर पर ताला लगा हो तो घर के नम्बर के साथ 'X' लिखें।

नाम व पता: Tej Prakash Neeraj 25 D Complex

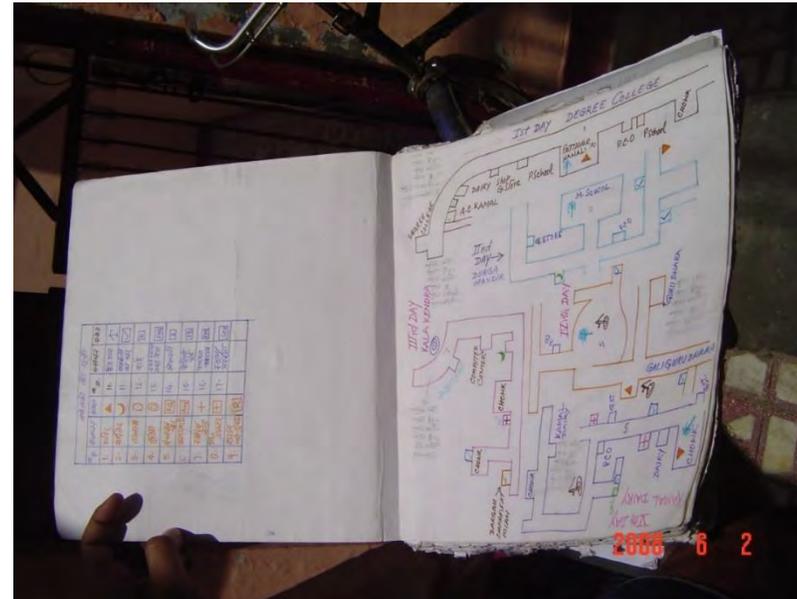
2	3	4	5	6	7	8	9	10	11	12	13	14
16	17	18	19	20	21	22	23	24	25	26	27	28
30	31	32	33	34	35	36	37	38	39	40	41	42
44	45	46	47	48	49	50	51	52	53	54	55	56
59	60	61	62	63	64	65	66	67	68	69	70	71
73	74	75	76	77	78	79	80	81	82	83	84	85



NATIONAL IMMUNIZATION DAY – DELHI, INDIA 2012



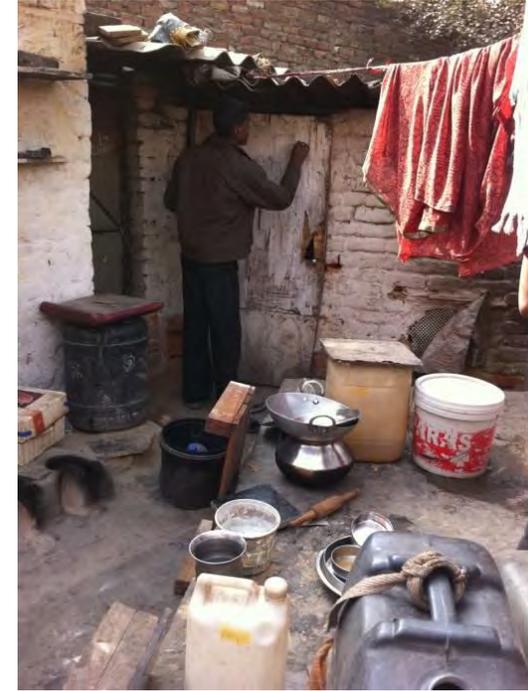
NATIONAL IMMUNIZATION DAY – DELHI, INDIA 2012



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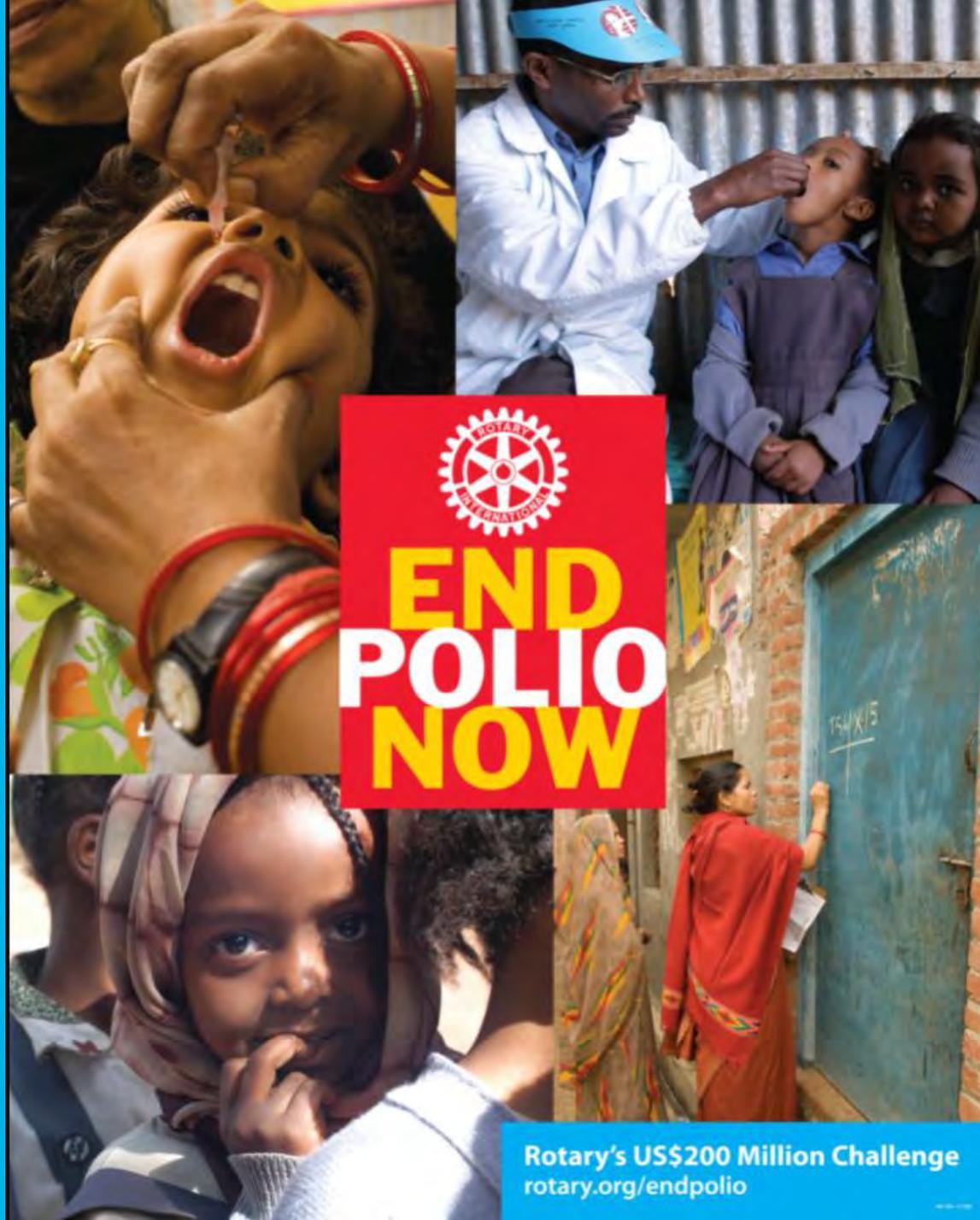
NATIONAL IMMUNIZATION DAY – DELHI, INDIA 2012



NATIONAL IMMUNIZATION DAY – DELHI, INDIA 2012



Thank You!



**END
POLIO
NOW**

Rotary's US\$200 Million Challenge
rotary.org/endpolio