

PATH



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OUTLINE

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2. PATH was found...
3. Where They Work
4. Health Areas that PATH focused on
5. PATH's Work
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What is PATH?

*The Program for Appropriate Technology
in Health*

“An international, nonprofit organization that aims to bring about effective and cutting-edge technologies and products to underserved areas of the world and to work toward providing major healthcare needs”



PATH was found...

- in 1977
- in Seattle, Washington, USA
- to help meet the need for contraceptive technologies in the developing world.
- by Gordon Duncan (right), Gordon Perkin and Rich Mahoney (left)



Where They Work?



Burkina Faso



Democtaric Republic of
the Congo



Ethiopia



Gambia



Ghana



Kenya



Malawi



Mozambique



Nigeria



Senegal



South Africa



Tanzania



Uganda



Zambia

Where They Work?



El Salvador



Guatemala



Honduras



Nicaragua



Peru



United States

Where They Work?



Bangladesh



Cambodia



China



India



Myanmar



Nepal



Vietnam

Where They Work?



Belgium



Switzerland



Ukraine



Health Areas



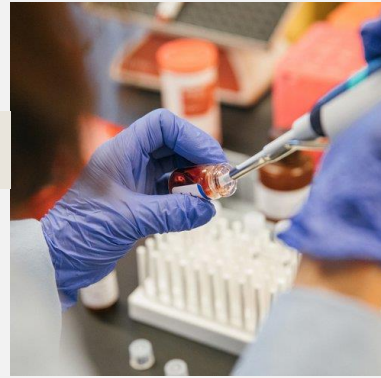
Diabetes



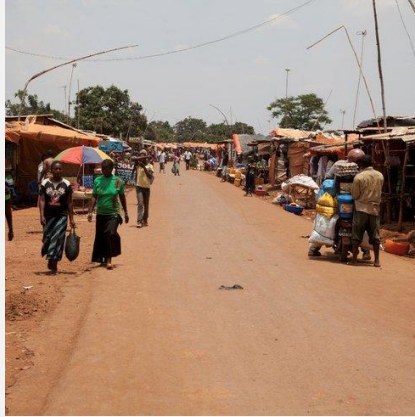
Diarrheal
Disease



Epidemic Preparedness



Ebola



Heart Disease



HIV/AIDS



Cancer



COVID-19



Early Childhood
Development



PATH's Work

Vaccines

Drugs

Diagnostics

Devices

System and Service
Innovations



WORLD'S FIRST MALARIA VACCINE

For 20 years, PATH worked with partners to bring the first malaria vaccine to the world. Continue to support our work with vaccine development.

[DONATE NOW](#)

Vaccines

Developed to be quickly deployed to where they are needed most.





Drugs

Provide affordable medicines targeting low-income countries.

Diagnostics

Patients can get the right treatment at the right time, every time.

- Affordable
- Portable
- Easy-to-use
- Get results fast.



Devices

- Affordable
- Reliable
- Easy-to-use
- Can work in places where;
 - Resources are limited
 - Power is scarce
 - Trained health care workers are few



System and Service Innovations

Mapping the vaccine cold chain

What happens when a vaccine leaves the manufacturer?
It's anything but simple, especially when the vaccine requires ultra-cold temperatures.



- Working with the current infrastructure
- Strengthening the currently standing one
- Training of local personnel

“to allow the flow of medical innovations from suppliers to the local communities in need”



What has
PATH
succeeded?

Vaccine Vial Monitor

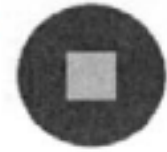
Uniject

The first molecular
diagnostic to screen
for human
papillomavirus (HPV)

MenAfriVac



B



The square is lighter than the circle.
If the use-by date has not passed, USE the vaccine.



A little later, the square is still lighter than the circle.
If the use-by date has not passed, USE the vaccine.



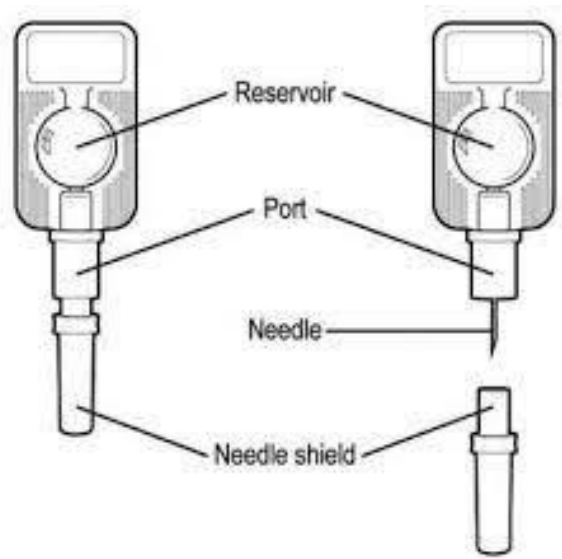
Limit
The square is the same colour as the circle.
DO NOT USE the vaccine. Notify the supervisor.



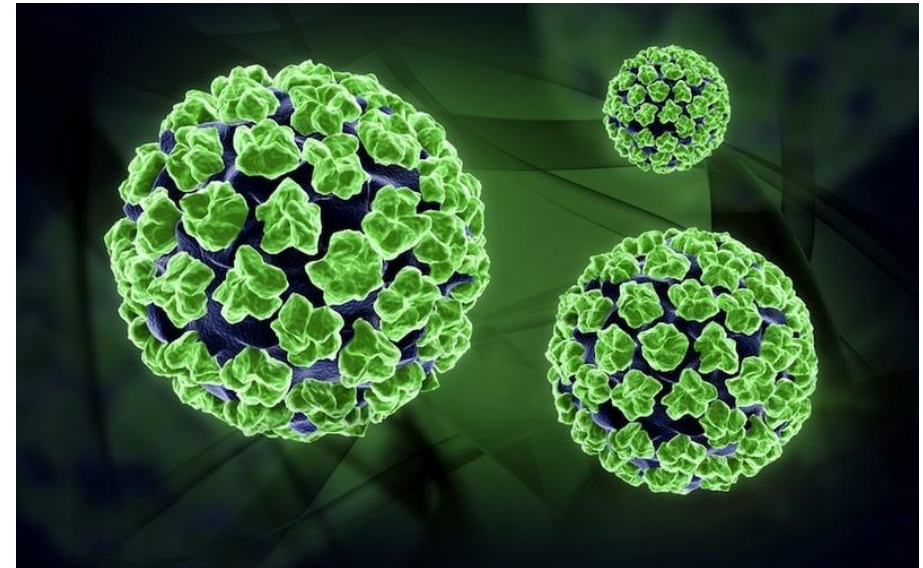
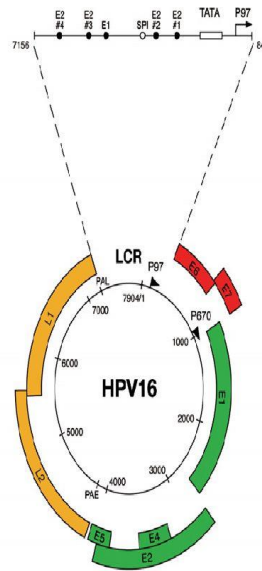
Beyond the limit
The square is darker than the circle.
DO NOT USE the vaccine. Notify the supervisor.

- Vaccine Vial Monitor

UNIJECT



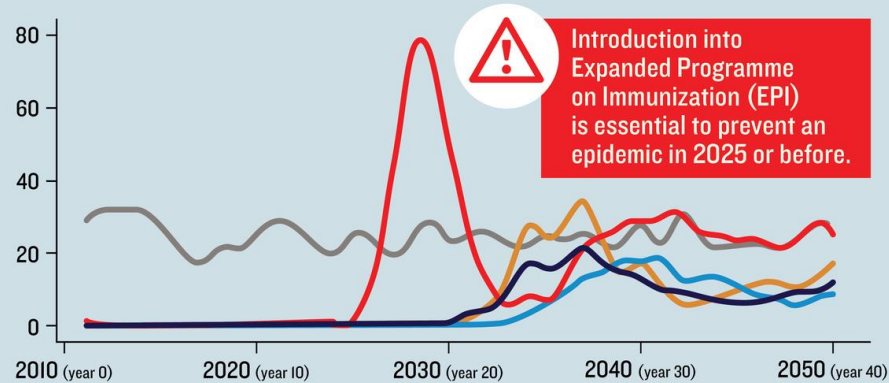
The first molecular diagnostic to screen for human papillomavirus (HPV)



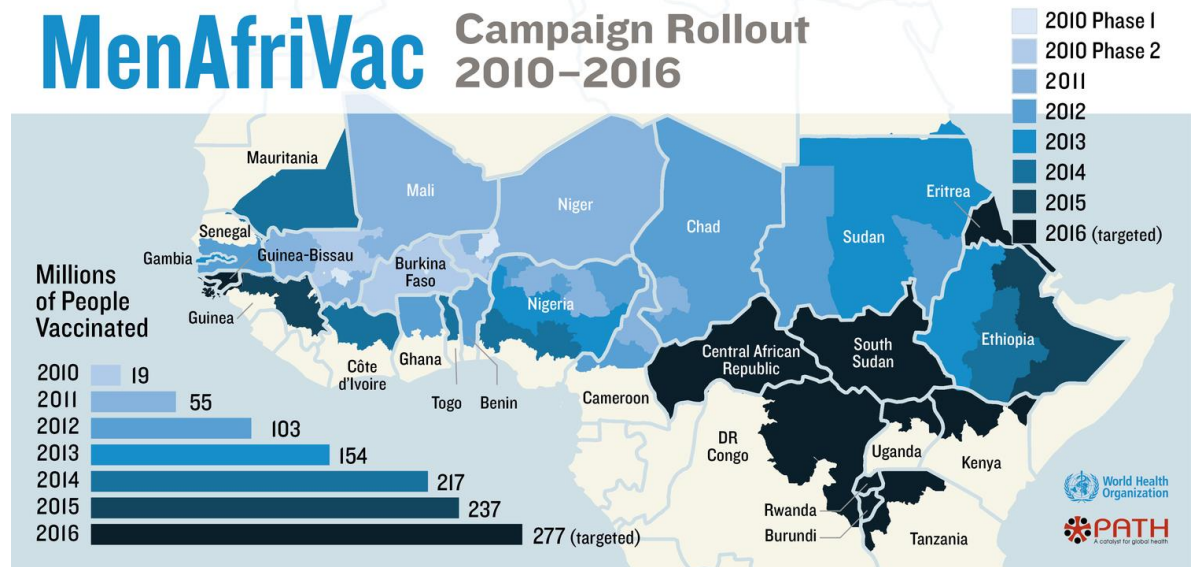
MenAfriVac

MenAfriVac Long-term Vaccination Scenarios

Annual Incidence of Meningitis per 100,000



MenAfriVac Campaign Rollout 2010-2016





Failure of PATH

India, 2010

“HPV vaccine resulted in the death of seven girls.”

“A shockingly unethical trial”

“Is Bill Gates Being Sued by India Over Vaccination Deaths?”

“Government warns PATH”



Current Situation of PATH

1

Working on improvements of Malaria Vaccine

2

Working on COVID-19 pandemic to increase :

- Oxygen supply
- Vaccination
- Testing

REFERENCES

1. “Government Warns Path.” *The Hindu*, The Hindu, 24 Aug. 2012, <https://www.thehindu.com/news/national/government-warns-path/article3817639.ece>.
2. Jarahzadeh, Kamyar. “Menafrivac Long-Term Vaccination Scenarios.” *Ministerial Conference on Immunization in Africa*, Ministerial Conference on Immunization in Africa, 18 Feb. 2016, <http://immunizationin africa2016.org/releases/menaflong>.
3. Mikkelson, David. “Is Bill Gates Being Sued by India over Vaccination Deaths?” *Snopes.com*, 10 Apr. 2020, <https://www.snopes.com/fact-check/bill-gates-india-sued/>.
4. “Path.” *Better Health Moves Humanity Forward*, <https://www.path.org/>.