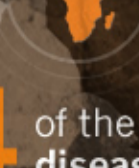


Improving Healthcare in Africa



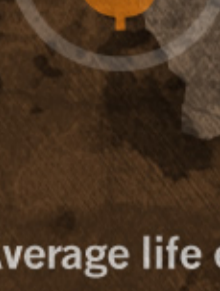
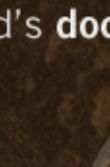
1/7 of the world's population



1/4 of the global disease burden

Only

2% of the world's doctors



Less than **1%** of global health expenditure

Average life expectancy

79

77

59



Communicable diseases account for

65% of all deaths.

However, **non-communicable diseases** are expected to become the most common causes of death by 2030.



Diabetes is expected to **nearly double** over the next 20 years.

And there will be more than

1.5 million new cancer cases by 2030.



Novartis is making a **long-term commitment** to be part of the solution.

Every minute, one child dies from malaria, a preventable and curable disease.



The Novartis Malaria Initiative

has provided **600+ million** antimalarial treatments, without profit, to 60+ malaria-endemic countries.

600+ million



Supply chain problems make it difficult to keep malaria medicines in stock.



Novartis spearheaded **SMS for Life**, which uses text messages and electronic mapping technology to **eliminate stock-outs** and **increase access to medicines**.



03 Months

Wait times for antimalarial medicines have been **reduced from 3 months to a few days.**

Days



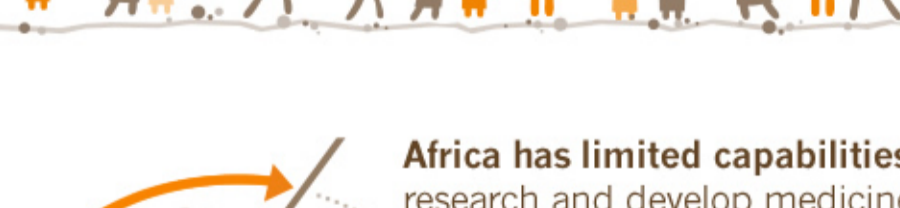
There is a **shortage of skilled healthcare workers** across sub-Saharan Africa.

Novartis partners with **The Earth Institute, the United Nations**, and other private sector actors to help train and deploy

1 million community health workers in sub-Saharan Africa by 2015.



This helps expand **access to healthcare to those in need** and **link rural populations** to the broader healthcare system.



Africa has **limited capabilities** to research and develop medicines.



Novartis is **partnering with H3-D**, the first drug discovery and development center in Africa, to support **infrastructure growth, scientific exchange** and **research collaborations**.



African scientists are trained at Novartis global headquarters in Basel, Switzerland and **Novartis scientists** expand learning through sabbaticals at H3-D in Cape Town, South Africa.

There's no better time than now to fight for **better health in Africa.**

Visit Novartis.com to learn more.