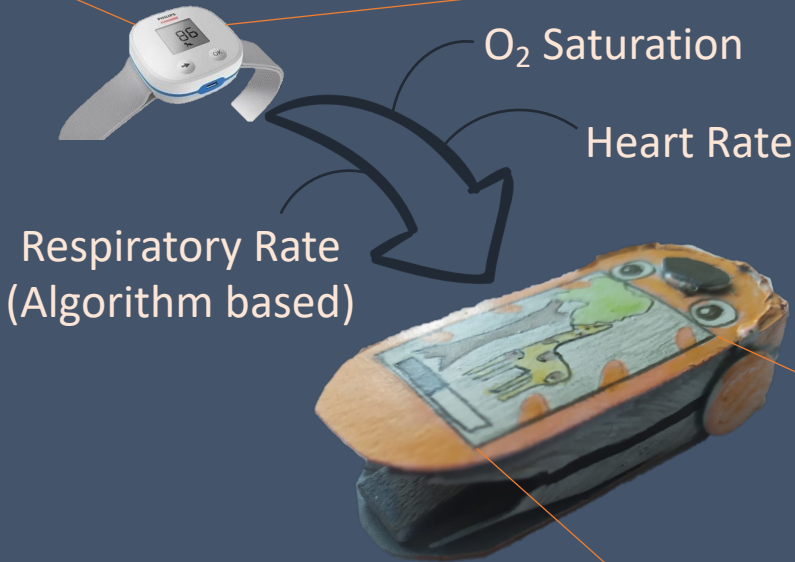


PNEUMONIA – responsible for over 900,000 childhood deaths each year

Problem: Movement of child → Error in measurement
→ No exact diagnosis → Overuse of antibiotics



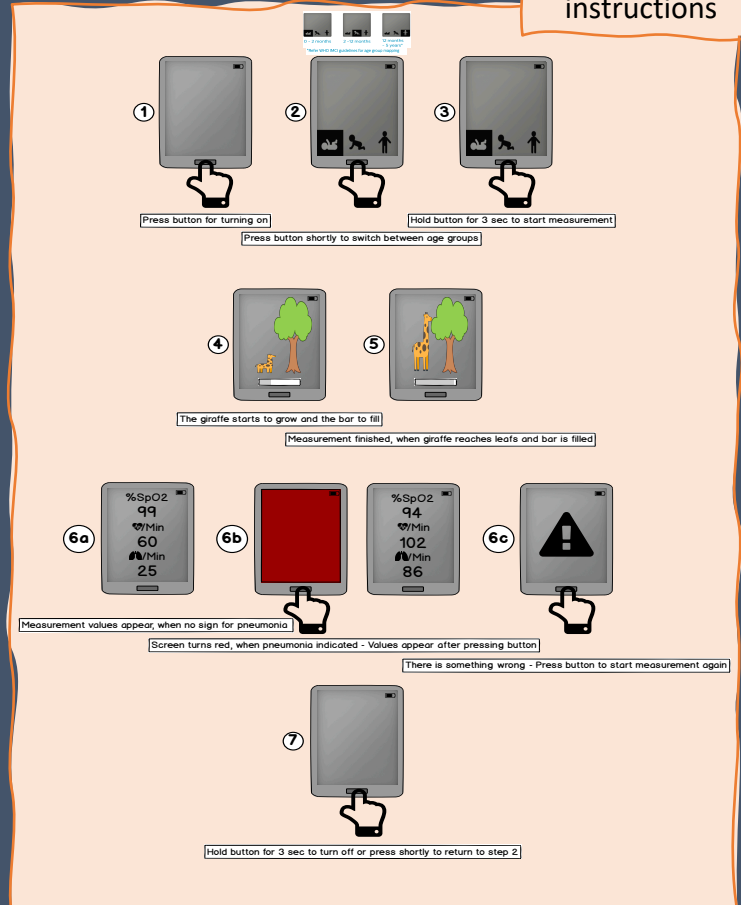
Appropriate for different low-income countries through simple and safe design

Withstand local conditions

Only previous instructions

- **EFFECTIVE** - More measures for more precise diagnosis
- **USABLE** - Only fingerclip + simple interface too keep child calm + designed for children >2y, coded for community health workers
- **DURABLE** - Compact design with included battery + dust and waterproof
- **AFFORDABILITY** – Big one time investment, but low costs of ownership

- **Appropriate antibiotic use**



Downsides:

- High purchase costs
- Complicated software
- No local manufacturing
- Challenging placement of device
- Fitting problem for children <2y