

PRODUCT BROCHURE

IMPALA

IMPALA unburdens health workers and saves lives.

A patient monitoring- and management solution built for health workers in under-resourced settings, shifting care from reactive to proactive.



Overburdened staff

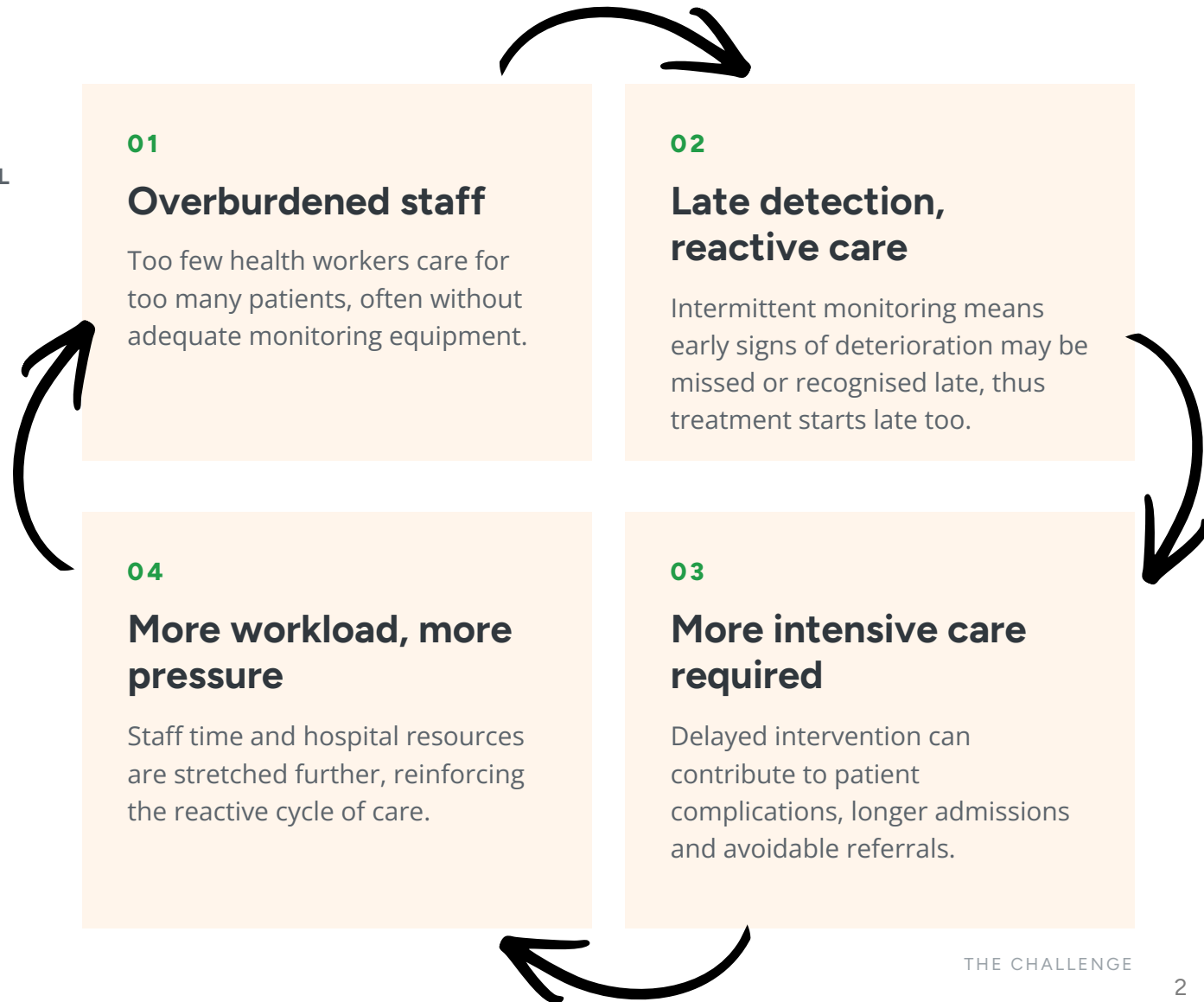
A shortage of qualified staff and adequate equipment keeps low-resource hospitals in a reactive cycle of care

65%

HEALTH WORKER SHORTFALL
ACROSS AFRICA

Africa has just 1.55 health workers per 1,000 people, 65% less than the WHO recommended benchmark of 4.45.

The result is greater pressure on health workers and poorer outcomes for the patients in their care. Access alone does not guarantee timely, high-quality care.



The IMPALA Solution - Unburdening healthworkers

Hardware, software and service, that unburdens healthworkers, empowering them to transform patient outcomes



01

IMPALA Monitor

MONITORING

- Continuous vital signs monitoring
- Built for low-resource context
- Specialized pediatric alarm settings



02

IMPALA Platform

SOFTWARE, DATA & HARDWARE

- Central patient overview & clinical support application
- Data dashboards & insights
- Server hub and hardware



03

IMPALA Care

SERVICE AND SUPPORT

- IMPALA technical support
- Continuous learning
- Consumables credit/monitor

What IMPALA looks like in the Hospital

Connecting health workers, patients and data



Intermittent monitoring

Fast vital-sign checks at the bedside on a mobile monitor.

Local server

Patient data stays available on site.

Continuous patient monitoring

Critical patients monitored around the clock

Clinical decision support

Guidance at the point of care, so health workers can act with confidence

Central patient overview

One screen showing the status of all continuously monitored patients at a glance.

Data dashboards

Ward and facility data that support planning and quality of care.



01 — IMPALA MONITOR

IMPALA Monitor

Built for context continuous vital sign patient monitoring that unburdens health workers and transforms patient outcomes

BUILT FOR AFRICA

- Continuous measurement of patient vital signs
- Alarms for when patient outside of normal thresholds
- Regulatory Approved: CE Mark, Kenya, Tanzania, Rwanda regulatory approval

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01 — IMPALA MONITOR

Built for Sub-saharan Africa

Heat resistant up to 45 degrees, Dust and insect resistant, 10 hour battery life, resilient against power fluctuations



Silicone protective sleeve

The sleeve protects the IMPALA monitor from impacts while simultaneously preventing UV damage.



Reusable probes

Reusable and robust sensors, available for every age group from neonate to adult.



Smartphone like screen

Easy to use interactive screen allowing healthworkers to easily navigate and understand patient data



Specialised alarms

Five paediatric alarm thresholds and one for adults reduce alarm fatigue, with up to 54% fewer alarms.



IMPALA platform

Software, hardware and data to improve workflow efficiency, and reduce healthworker burden.

HARDWARE

- 24" central display
- IMPALA server hub
- Mobile 10" tablet

SOFTWARE AND DATA

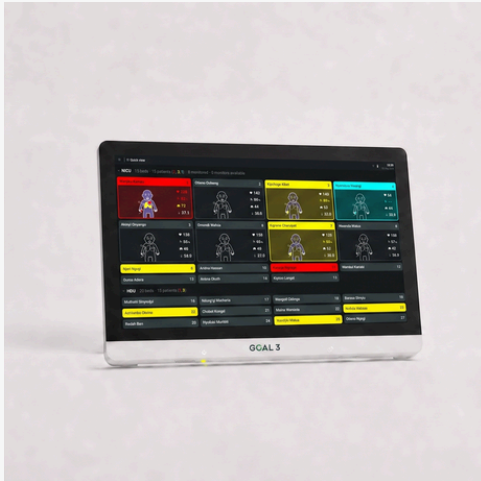
- Central patient overview
- Clinical support application
- Data dashboards and insights

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IT infrastructure to support your workflow in all environments



01

24" central display

Wall-mounted in the ward, it shows the status of every monitored bed so the team can see where attention is needed first.



02

IMPALA server hub

A reliable on-premise hub with **on-site data storage, 24-hour power backup, a local WiFi network** and automated remote updates.



03

Mobile 10" tablet

Carried in the ward, bringing the patient overview and clinical support to the bedside.



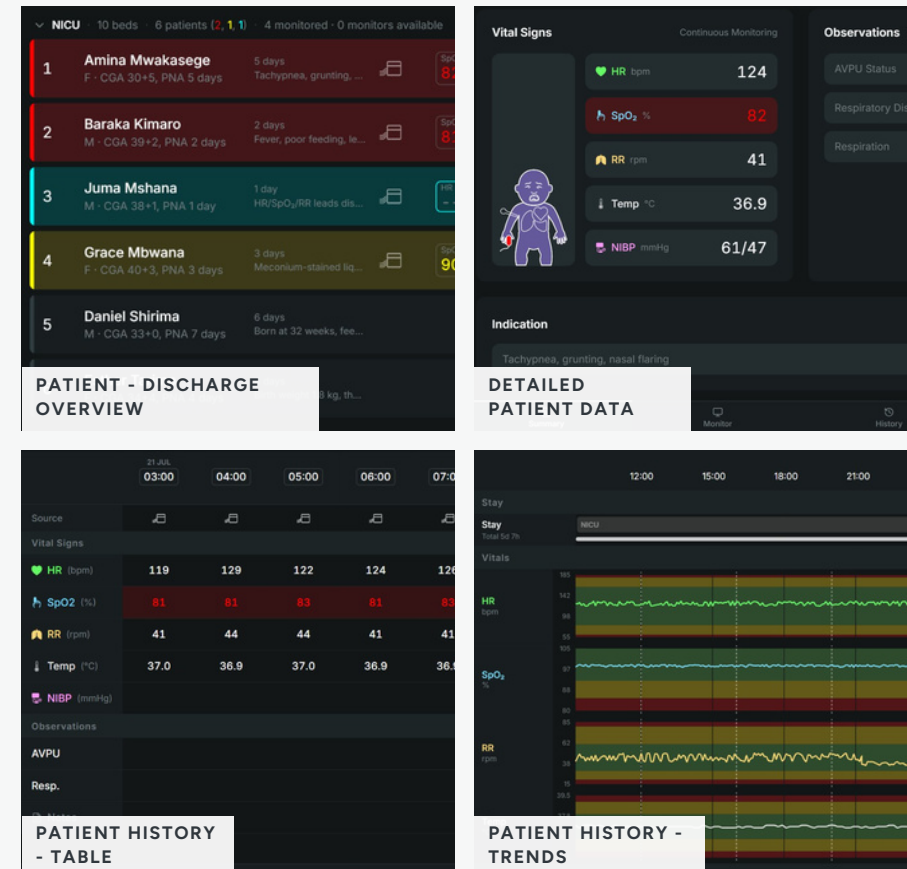
Overview and insight for fast & informed clinical decision making



Central patient overview

Real time insight for every patient

- Traffic light system and patient avatars for care-prioritization
- Mobile and flexible display on multiple tablets/screens of up to 30 monitors

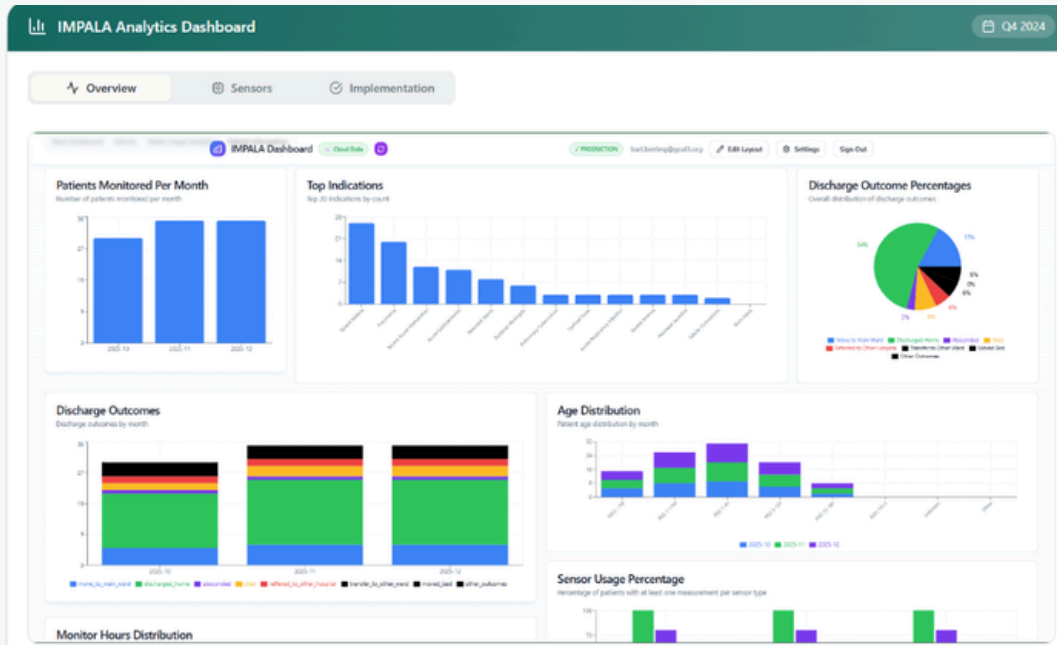


Clinical support application

Guidance at the point of care: a triaged patient list, structured assessments, and hourly history as a table or a trend graph. *Expected that spotchecking is available Q1 2027.*



Data dashboards and insights



Ward and facility data that support planning, quality of care and reporting.

WHAT THE DASHBOARDS SHOW

- Patient volumes, outcomes, admissions and length of stay
- Vital sign trends and critical events per ward
- Device usage, so equipment goes where it is needed



03 — SERVICE AND SUPPORT

IMPALA care

A service package that keeps the solution running and its value growing, year after year.

Technical support

- \$75 credit for consumables/monitor/year
- Fast response WhatsApp service line
- System monitoring to detect errors
- Local service teams

Supportive Supervision*

- 4 additional days/year of
 - on site technical and clinical support
 - refresher trainings
 - System optimization

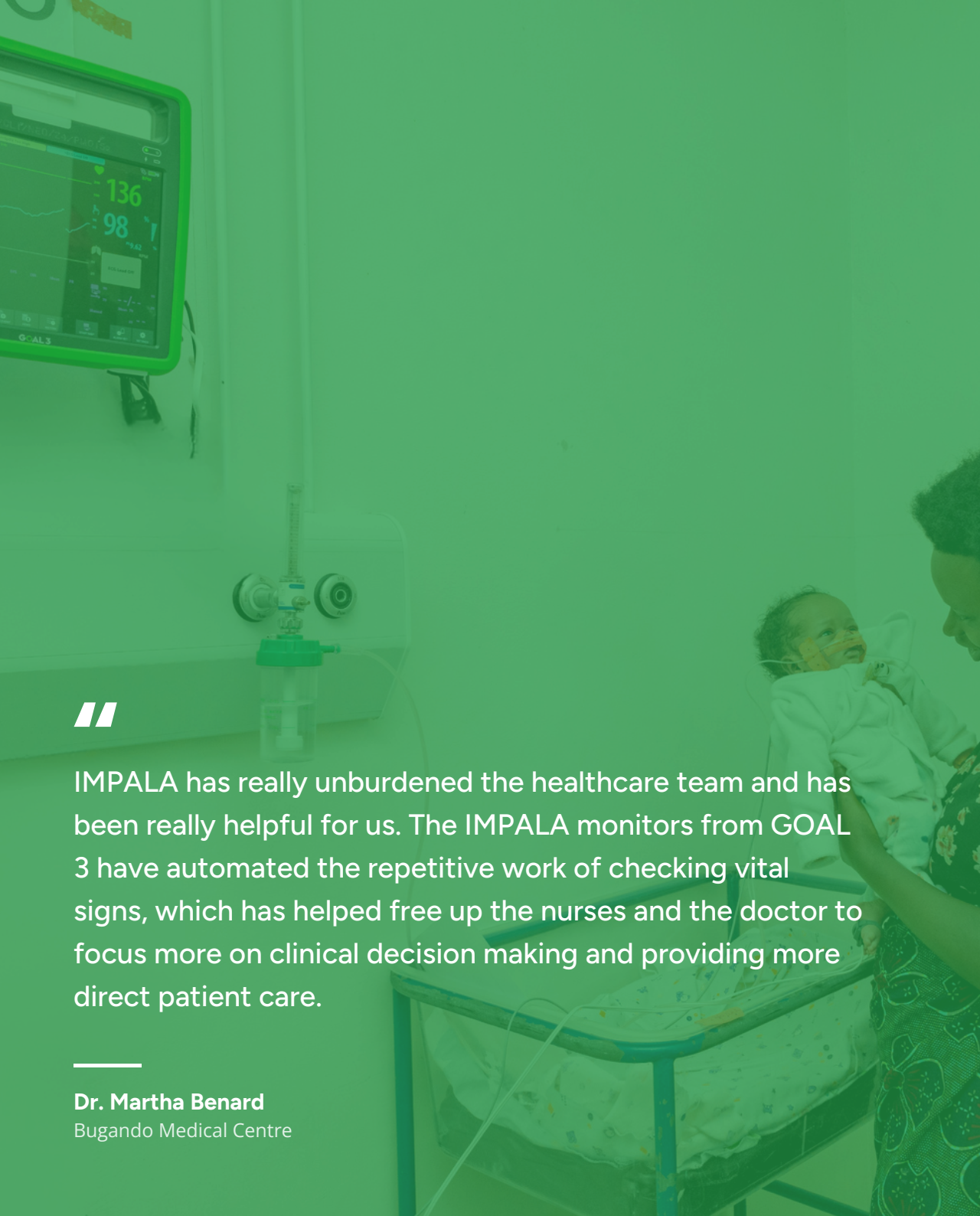
Personnel support

- E-learning modules
- Weekly tips via country wide Whatsapp community
- GOAL 3 Champion Program

Monitoring, Evaluation & Learning (MEL)*

- Support for data review
- Data Reporting
- Inform quality improvement
- Inform programme evaluation

**Supportive Supervision & MEL are not included in the standard IMPALA Care package, but are available as an add-on at extra cost - \$2000/year Supportive Supervision; \$1500/year MEL.*



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IMPALA has really unburdened the healthcare team and has been really helpful for us. The IMPALA monitors from GOAL 3 have automated the repetitive work of checking vital signs, which has helped free up the nurses and the doctor to focus more on clinical decision making and providing more direct patient care.

Dr. Martha Benard
Bugando Medical Centre

THE EVIDENCE

Proven to save time, costs and lives

IMPALA contributes to improved clinical outcomes, and reductions in time staff spend monitoring and health expenditure.

40–51%

reduction in paediatric mortality

27–35%

reduction in neonatal mortality

45%

less time spent monitoring

\$4–\$16

in health expenditure reduction for every 1\$ spent on IMPALA

98%

of health workers would recommend IMPALA

THE EVIDENCE

High Quality, Low Costs

Simple, transparent pricing

ONE-TIME EQUIPMENT COSTS

\$18,850

- 10 monitors (2-year warranty)
- IMPALA server hub with power backup
- 10-inch tablet
- 24-inch screen

RECURRING FEES

\$2,000 / year

- Clinical support application
- Data dashboard
- Central Patient Overview
- IMPALA care
- \$750 worth of probes & sensors per year

Projected value gain*

40 to 48 paediatric lives saved per year

50 to 70 healthcare workers supported/ward

Up to \$33,000 annual health-system savings

Up to \$110,000 annual societal savings

*Based on 10 IMPALA Monitors + IMPALA Platform implemented, calculations used 2500 patients admitted per year. These numbers will vary by hospital and setting



24" screen



IMPALA server hub



IMPALA monitor



10" tablet

ABOUT GOAL 3

Technology with purpose

GOAL 3 is a social enterprise with headquarters in the Netherlands that develops health-tech solutions that empower health workers and improve access to quality care where it is needed most, co-developed with local healthcare professionals.

55+ HOSPITALS
915+ MONITORS
6 COUNTRIES

VISION

Fair and accessible healthcare for everyone.

MISSION

To enable and empower health workers where it is needed most.

GOAL

To improve access to high quality care for 100 million people by 2030.

Contact us for more information

info@GOAL3.org

www.GOAL3.org

