

Baseline Data

Record ID

Health Facility Name

Health Facility Ownership

- MoH
 Private
 Faith Based
 NFP

Health Facility In-charge

Assessors

Date of Assessment

Part 1 - Case Load

Number of paediatric beds

Number of neonatal beds

Part 1 - Case Load - Paeds

For last 3 months, number of paediatric admissions -
start date

For last 3 months, number of paediatric admissions -
number

For last 3 months, number of paediatric admissions -
number of females

For last 3 months, number of paediatric deaths

Part 1 0 Case Load - Neonates

For last 3 months, number of neonate admissions -
start date _____

For last 3 months, number of neonate admissions -
number _____

For last 3 months, number of neonate admissions -
number of females _____

For last 3 months, number of neonate deaths _____

Part 1 - Case Load - Today

Today, how many children are receiving oxygen? Please
document flow (l/m), number of days on oxygen and
oxygen source _____

Patient 1 flow LPM _____

Patient 1 duration on oxygen (days) _____

Patient 1 O2 source _____

Patient 2 flow LPM _____

Patient 2 duration on oxygen (days) _____

Patient 2 O2 source _____

Patient 3 flow LPM _____

Patient 3 duration on oxygen (days) _____

Patient 3 O2 source _____

Patient 4 flow LPM _____

Patient 4 duration on oxygen (days) _____

Patient 4 O2 source _____

Part 2 Catchment and Referral

What catchment area does this facility serve?

What is the estimated catchment population?

What is the nearest health facility (Name)

What is the distance to the nearest health facility?

Which other facilities refer patients to this facility? (Referral FROM)

Which facilities are patients from this facility sent to? (Referral TO)

Is transport available for referral of sick children to other facilities?

Yes

No

If yes, describe

Is oxygen available during transport?

Yes

No

Part 3 - Staffing

How many staff does the health facility employ (both medical and non-medical)

How many doctors

How many midwives

How many nurses

How many CHW

Describe day/night staffing, i.e. number of shifts and staffing

What is the average clinical staff capability in administering oxygen therapy?

Proficient

Average

Basic

Other

Other - describe

How often do staff receive training on oxygen administration and monitoring?

- Monthly
 Quarterly
 Annually
 Never
 Other
-

Other - describe

Part 4 - Power Supply

What sources of power are available? Tick all that apply

- Mains
 Generator
 Solar
 Hydro
 Other
-

Other - describe

How many hours per day is power available on average

- < 6
 6-12
 12-18
 >18
-

How often is power interrupted?

- Monthly
 weekly
 daily
 hourly
-

How many power outages are there per day/ week/ month depending on response in above question?

What is the average duration of each power outage?

Who pays for the power

- MoH
 Self
 NFP org
 Other
-

Other - describe

What is the average cost of power per month?

Part 5 - Oxygen Supply

What is the main source of oxygen?

- Concentrator
 Stand alone cylinder
 Piped from cylinder
 Piped from O2 plant
 Other

Other - describe

Is there a back-up source of oxygen? Yes/No

- Yes
 No

Is there a back-up source of oxygen? Please specify what this is.

How many oxygen supply points are there at this point in time?

Can you recall a day, in the last month, where oxygen was unavailable for a child who needed it? Why?

Part 5 - Oxygen Supply - concentrators

How many oxygen concentrators are available?

How many concentrators are being used?

How many concentrators are producing $\geq 85\%$ O2 concentration (test using oxygen sensor)

Do the concentrators undergo regular servicing?

- Yes
 No

What is the frequency of servicing?

Who conducts the servicing?

What is the annual cost of servicing?

Since installation, have any of the concentrators required repair?

- Yes
 No

Part 5 - Oxygen Supply - Cylinders

How many oxygen cylinders are available?

Where are the cylinders filled? Include distance

What is the cost of refilling each cylinder?

What is the facility's average consumption/ month in terms of cylinder usage?

Who is responsible for filling the cylinders?

How many cylinders on the children's ward are fully functioning on day of assessment? (has gas, regulator, tubing, canula)

What is the problem with the cylinders that are not working?

Part 6 - Pulse Oximetry

Is pulse oximetry available on the ward?

- Yes
 No

If pulse oximetry is not available, how are oxygen requirements determined?

- WHO clinical signs
 Other guidelines
 Don't know

How many oximeters are available in the paediatric ward and entire facility?

How many pulse oximeters are functioning on day of assessment?

Is pulse oximetry done on every paediatric admission?

- Yes
 No

Is pulse oximetry done on every child on oxygen?

- Yes
 No

How frequently per 24 hours is pulse oximetry done for children on oxygen?

Part 7 Asset and Equipment Status

How is procurement and refills managed and by whom?

Is the oxygen equipment accessible?

Are equipment spare parts accessible?

How is it stored and what are the conditions?

Is there an equipment register and is it up to date?

Is there 15 m² of external free space within 30 m of the paediatric ward?

Is there 3 m² of internal space

Is there internet / 3G phone coverage?

Does the facility have an ambulance?

Part 8 - Oxygen Use

In the last month, how many children received oxygen?

In the last month, how many children had an admission SpO₂ < 90%?

In the last month, how long does it take prior to patient getting oxygen access (delay?)

In the last month, what is the average duration of oxygen access?

In the last month, how many oxygen cylinders have been refilled?

Install date Conc 1

Install date Conc 2

Install date Conc 3

Install date Conc 4

Hour Meter Conc 1

Hour Meter Conc 2

Hour Meter Conc 3

Hour Meter Conc 4

Is there a protocol for oxygen administration?

Part 9 - Oxygen Cost

What is the estimated annual cost of oxygen to the facility?

What is the breakdown of the spend (capex, opex e.g., new systems, refills, servicing, maintenance, transport)

How much are patients being charged for oxygen (per hour / day or per litre/ treatment)?

What is the total cost to the family of a 5-year-old admitted with pneumonia (assume average 3 days admission, include admission fees, medications, consumables, laboratory)

What is the allocated budget for oxygen (and % of total budget)?

Who funds the oxygen supply? E.g. grant, government, patient fees

Who pays for staff training on oxygen therapy (if this is offered in the facility)

Part 10 - Supply Chain

What is the ordering and receiving process for oxygen equipment and cylinder refills?

Who provides the supply chain services?

How long does procurement take? e.g., refills

What is working well with the supply chain?

What is not working well with the supply chain?

Part 11 - Partners

Who does the facility partner with? (funding, government, implementing, training)

Who does the facility have contract relationships with?

What's the nature of these partnerships?

What's working and not working with these relationships?

Part 12 - Willingness to pay.

How much is the facility willing to pay for oxygen?

How would this be funded?

Who's involved in the financial decision making?

Would the facility be willing to pay for oxygen training and systems maintenance?

What would they pay for training, maintenance?

Do they plan to charge the customer / patient in the future?

Yes
 No

Does the facility have income generating activities?

Yes
 No

For your next budget, what are your top spending priorities?

Part 12 - New Technologies

Are you familiar with the work underway in Uganda
around solar powered oxygen concentrators? Yes
 No

Would the facility be willing to purchase newer /
novel technologies such as solar powered oxygen
concentrators? Yes
 No

Other - describe _____

Would the facility be willing to purchase newer /
novel technologies such as local oxygen storage? Yes
 No

Other - describe _____