

Paediatric quality indicator assessment

Quality indicator	Yes / No: comment
<p>Personnel in the paediatric ward?</p> <p>Doctors</p> <p>Paediatric Nurses</p> <p>HEOs</p> <p>CHWs</p> <p>Biomedical technicians in the hospital?</p>	
<p>Is a Paediatric Triage system used in the hospital?</p>	
<p>Daily (at least) ward rounds of all patients</p>	
<p>A high-dependency ICU area in the children's ward for the sickest children</p>	
<p>Oxygen therapy</p> <p>oxygen concentrators / cylinders</p> <p>pulse oximeters</p> <p>oxygen analysers</p> <p>Is the oxygen equipment working?</p>	
<p>Guidelines available and used?</p> <p>Standard Treatment Book</p> <p>WHO Hospital Care for Children</p>	
<p>Essential paediatric medicines</p> <p>Are any Essential Medicines absent or in limited supply? * See list below (specify absent medications)</p>	
<p>Vaccines available – Are all vaccines available in the ward?</p> <p>Is the vaccine refrigerator working?</p>	
<p>Paediatric monitoring and response charts with early warning indicators and escalation processes?</p> <p>Are these being used?</p>	
<p>Infection control – Are there hand basins, running clean water and soap for hand washing, or 70% alcohol gel / spray for proper hand hygiene?</p>	

Are Covid-19 preventive measures practiced in the facility?	
Antibiotic stewardship – Are there regulations around the use of antibiotics so that they are not overused? Is there proper use of guidelines?	
Essential Newborn Care – Is ENC promoted? Are most sick babies kept with their mothers to enable breast feeding and warmth? Is the hospital “baby friendly”?	
Nutrition – Does the hospital provide nutritious food for patients and caregivers? Is weight measured accurately at admission, and recorded in a growth chart? Availability of F75 and F100 for management of severe malnutrition? Weighing scales? MUAC tapes? Length / height measure / stadiometer?	
Children with chronic conditions - Is there an updated register for children with Cardiac conditions, Cancer register, TB, and HIV register? Do children with chronic conditions have a personalised management plan? Are there any missing medications for children with chronic diseases?	
Family friendly services – Are all patients and their caregivers respected and communicated with in ways that they understand and are respectful?	
Therapeutic environment for children - Are there safe green spaces near the ward, a garden or playground for children and siblings and families? Is the hospital clean and free of rubbish?	
Paediatric Hospital Reporting (PHR) system – Is the ward properly entering data for the PHR? Are they submitting data annually? Are they using a computer, and is it functioning well?	

<p>Mortality audit meetings – Is this done monthly or more frequently?</p> <p>Do the meetings follow the principle of audits: no-blame, problem solving, inclusive?</p>	
<p>Quality Improvement Team – Is there a small group of people dedicated to addressing problems?</p> <p>Is there a team which implements audit recommendations and solves problems in the ward?</p>	
<p>WHO Hospital Care for Children training</p> <p>Has WHO Hospital Care for Children been conducted for staff in your hospital / province? When?</p>	
<p>Child protection</p> <p>Are there child welfare services available in the hospital and province?</p> <p>Social worker working closely with children’s ward</p>	

*** Paediatric Essential Medicines**

1. Amoxicillin
2. Benzylpenicillin (penicillin G, crystalline penicillin)
3. Ceftriaxone
4. Gentamicin
5. Flucloxacillin / cloxacillin
6. Cotrimoxazole
7. Oral rehydration salts (ORS)
8. Zinc
9. Artemether-Lumefantrine
10. Artesunate
11. Primaquine
12. Standard regimen for first line anti-retroviral treatment – Lamivudine, Nevirapine, Zidovudine, Lopinavir-ritonavir
13. Anticonvulsants – several appropriate anti-epileptic drugs in paediatric formulations, which could include: Phenobarbitone, Carbamazepine, Phenytoin, Sodium valproate, Diazepam, Paraldehyde.
14. Vitamin A
15. Paracetamol
16. Standard first line TB treatment: Rifampicin, Isoniazid, Pyrazinamide, Ethambutol
17. Salbutamol (Ventolin) by metered dose inhaler (puffer) and spacer, aminophylline, prednisolone for asthma
18. Caffeine citrate
19. Chlorhexidine solution 2-4% for cord care
20. Vitamin K
21. 70% alcohol solution for hand-hygiene
22. Personal Protective Equipment (PPE: surgical face masks, N95 masks, impervious gowns, gloves, eye protection)

Three high priority areas to improve in the next year	How these will be addressed?