



## Rural Onboarding 2022

### Child Health

**Introduction:** Children are both challenging and easy to treat. Although they can get very ill very quickly, they also respond well to early and effective treatment.

#### **TOP Child Health Work Based Activities to focus on this week.**

##### **Make sure you can:**

1. Fluid management in AGE and dehydration, and persistent diarrhoea protocol. (EDL)
2. Emergency care of the sick infant / child
3. Antibiotic choices in LRTIs: severe vs mild pneumonias, bronchiolitis, asthma, non-responding
4. Inpatient management of SAM. (EDL/WHO 10 steps)
5. Management of status epilepticus in children and neonates (EDL, GSH 'purple book')
6. Management of sick and healthy prems - common issues (fluids and feeds, KMC protocols, etc) (MSSN)

HIV & TB resources will be found under the Infectious Disease section and triage and SATS under Emergency Medicine.

### **Key Guidelines:**

Standard treatment guidelines and Essential medicines list for South Africa  
Hospital level Paediatrics

<https://www.knowledgehub.org.za/elibrary/hospital-level-paediatrics-standard-treatment-guidelines-and-essential-medicines-list>

Integrated management of childhood illness 2019; Department of Health; Republic of South Africa

<https://www.knowledgehub.org.za/system/files/elibdownloads/2020-10/2019%20IMCI%20CHART%20BOOKLET.pdf>

### **Reading material / Tutorials/ Webinars / Additional resources**

Limpopo Initiative for Newborn care: Essential Newborn Care package: Includes Newborn Care charts, ENC quality improvement kit., and a full MSSN course (Management of Sick and Small newborns): [http://www.lincare.co.za/?page\\_id=1207](http://www.lincare.co.za/?page_id=1207)

Assisting mom and health care workers with newborn care including breastfeeding: Great, practical videos for mom and healthcare workers -e.g. the ones on assisting during breastfeeding is very useful. <https://globalhealthmedia.org/videos/>

Identifying serious bacterial infections in young infants. Webinar 2022. Dr Lizelle Keet, Paediatrician DCST BCM. [https://youtu.be/jfrWM\\_U89fQ](https://youtu.be/jfrWM_U89fQ)

The structured approach to the seriously ill child, including tips for safe transfer. Webinar 2022. Dr Tintswalo Motimele, Frere Hospital, Eastern Cape: <https://youtu.be/Yl7eht7d3ul>

Common procedures on children adapted for resource limited areas: USA based procedure videos for resource limited settings. SUGAR (Simulation Use for Global Away Rotations) curriculum include SUGAR PEARLS (Procedural Education for Adaptation to Resource limited Settings. A video series about how to perform procedures with supplies commonly found in resource-limited settings. <https://sugarprep.org/videos/>

Bubble CPAP. One of the SUGAR PEARL videos. [https://sugarprep.org/videos/#Bubble\\_CPAP](https://sugarprep.org/videos/#Bubble_CPAP)

The Children's Act Guide: This guide make child health legal aspects much easier to understand- chapters on consent and abuse and neglect especially relevant. [http://www.ci.uct.ac.za/sites/default/files/image\\_tool/images/367/publication/2013/Childrens%20Act%20Guide%20for%20Health%20Professionals%202013.pdf](http://www.ci.uct.ac.za/sites/default/files/image_tool/images/367/publication/2013/Childrens%20Act%20Guide%20for%20Health%20Professionals%202013.pdf)

Management of severe acute malnutrition. Article in SAMJ: <http://www.samj.org.za/index.php/samj/article/view/10072>

Neonatal Care in Rural Health. Webinar 2021. Pitfalls and FAQ. Dr Michaela Lotz, Madwaleni Hospital: <https://youtu.be/aXqzO7EaDO4>

GSH Neonates 'Purple Book' (app available) <https://neonatalguidelines.com>

Asthma treatment in children: A pragmatic approach SAMJ 2018 <https://allsa.org/wp-content/uploads/2019/03/Asthma-treatment-in-children-a-pragmatic-approach.pdf>

## Google drive folder link with resources:

[https://drive.google.com/drive/folders/1OSeEWybfm\\_FZ3ZJInvGGdIXHaZiHcq4?usp=sharing](https://drive.google.com/drive/folders/1OSeEWybfm_FZ3ZJInvGGdIXHaZiHcq4?usp=sharing)

- Union desk guide for diagnosing TB in children
- Catch UP immunization schedule
- Signs that breast feeding going well
- Reference ranges for HR / RR and BP in different age groups
- Gastro-enteritis monitoring tool (used by CMH)