

KEMRI-Wellcome Trust

Severe Malaria Dr Philip Ayieko

Objective:

- To describe in patient childhood malaria case management practices in 5 Kenyan hospitals.
- March 2014- February 2016.

Study Period

- 19,419 cases of acute medical admission with Dx Malaria. Aged between 2 and 60 months.

Findings

- Documentation of clinical signs is good.
- High rates of presumptive treatment for test negative children.

CIN Assessment of nutritional status Prof. Grace Irimu

- **Assessment of SAM:**

- MUAC,
- WHZ score,
- +/- edema of kwashiokor

Objective:

- To describe the effect of provision of MUAC tapes and audit feedback on documentation of nutritional status for children aged 2-59 months.

Findings:

- ✓ Variable performance across time and hospitals.
- ✓ Variable time of adoption.
- ✓ Need to understand the context to interpret the data and plan for implementation: Leadership, New Interns

Recommendations:

- Inculcate the culture of best practices in the clinical work.
- Create a supportive structure- pediatric admission forms

Monitoring, audit, quality improvement and their oversight. Prof Mike English

Individuals

- Weight gain
- Blood glucose

Team

- Interns' competence with procedures

System

- Post-operative infection rate
- Wait for surgery
- Mortality

KENYA

- PMTCT coverage rate
- EPI coverage rate
- Malaria testing rate
- Stillbirth rate
- Neonatal mortality rate

Summary:

- We need to make more local and national use of information to improve care.
- It is not enough to measure once – the aim is to improve.
- We need to get better at distinguishing research from quality improvement and service evaluation.

Cough Mixture Prescriptions among children with respiratory tract infections: Dr Michuki Maina

Why:

Cough causes anxiety and causes decrease in the quality of life.

Objectives:

- To describe the common prescribed cough medications among children hospitalised with resp illness.

Who:

- Children b/n 1 month to 12 years admitted with symptoms of cough or URTI.

Findings:

- Marked reduction in the use of cough syrups.
- Most prescribed are oral bronchodilators and antihistamines.

Recommendations:

- Data lacking on outpatient and over the counter prescriptions.
- Health care training for providers.