THE WHEEZING CHILD

Presenter: Dr Gic hemi Alice
MOI UNIVERSITY SOM
BIODATA

- **Name:** H. M
- **Gender:** Male
- **Age:** 4.5 years
- **Residence:** kakamega
- **DOA:** 28/1/18
Presenting complaint:

- Cough – 3/12 with occasional wheeze
- Abdominal pain – 2/7
- Vomiting – 2/7
• Recurrent Cough- 3/12, with occasional wheeze on and off

• Cough was present throughout but worse at night. Not worsened by exercise.
• Treated severally with Abx and salbutamol syrup
• Improvement noted with meds, however cough and wheeze would recur as soon as meds stopped.
• No fevers
• No hx of allergic rhinitis, ecxema or food allergies.
• No hx of TB contact/ Night sweats/ weight loss
• Abdominal pain- sudden onset, global, and gradual distension worse with feeds.
• Vomiting- multiple episodes, postprandial
• Not force fed.
• No change in bowel habits/ micturition/ jaundice/ pruritus
Thoughts
✓ PMHx,
✓ Birth Hx,
✓ Immunization,
✓ Developmental milestones
✓ Nutrition hx

All unremarkable
FSHx

- 3rd born, 1st born (M) deceased at 1/12, ? Cause
- 2nd born F, a/w
- Fhx of asthma.
- Fhx of allergy.
- Is a day scholar, use pit latrine at home and in school
- Source of water- river- Not always boiled
- Mother- businesslady
- Father- police officer
Differentials?
On Examination

• Normal vital signs, no signs of atopy

• **Resp**- Not in distress, was not hyperinflated on percussion, chest clear.

• **P/A**- distended with visible peristaltic movement around umbilicus, increased bowel sounds, soft, tender umbilical and left hypochondrial region  Periumbilical masses, tympanic with area of dullness around umbilicus

• Other systems essentially normal
What investigations would you like to done?
Investigations

- **Fhg**: Microcytic hypochromic anaemia
  - wbc: 9.14(N), neut: 5.71(62.5%)N, esinophil: 0.12 (1.3%)N, lymphocytes: 2.65 (29%)N, hb: 10.8(L), mcv: 69.7(L), mch: 22.4(L), plt: 344(N)
- **uecs**: Normal
- **Crp**: <0.05
- **Vit D**: 35.31ng/ml(N)
- **IgE**: 322.30 IU/ml(HN)
- **PTH**: 20.88 pg/ml(N)
Abdominal xray
Abdominal u/s
Your Thoughts
• Stool m/c/s
- *Ascaris lumbricoides* ova and worm seen with cyst of *Blastocystis hominis*
TREATMENT
NOT ALL THAT WHEEZES IS ASTHMA

THANK YOU
Acknowledgements

• Dr ADIL WARIS
    Paediatric pulmonologist(AKUH)

• Dr Kamenwa Rose
    Paediatric Gastroenterologist(AKUH)

• Dr Waceke Ng’anga
    Paediatric Gastroenterologist(AKUH)