DESCRIPTION OF TREATMENT STRATEGY AND
STANDARD OF CARE FOR LASSA FEVER: ABAKALIKI
EXPERIENCE

BY

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AT
INSERM WHO WORKSHOP
PARIS FRANCE

on 25th April 2018.
EPIDERMIOLOGY, PATTERN & BURDEN on Health Workers

• Epidemic – November to March (Harmattan)
• Endemic –
• 2005 – 1 Nurse dead
• 2008 – 2 Doctors dead – Many on oral and contact tracing
• 2011 -
• 2012, 2013, 2014, 2015 (Nil)
• 2016 - Lassa Fever Centre Built
• 2017 – No case recorded in June and July
• 2018 – 3 HCWs dead (1 Nurse and 2 Doctors)
Case notification/ fatality rates in Ebonyi

- Over the ten-year period (2005-2014), 82 cases of Lassa fever were notified (50 (61%) were suspected & 32 (39%) confirmed).
- Overall case fatality rate of 30.5%.
- Case notification significantly increased (P = 0.006).
- In 2016, we recorded 104 cases.
- 2017, we had cases monthly except June & July

2018 EPIDEMIC

- 96 cases, 63 (65%) confirmed, 18 (29%) of 63 were staff, 18 (18.8%) of 96 dead, 14 (22.2%) of 63 dead, 7 (38.9%) of 18 dead were staff, 3 (21.4%) staff of 14 dead staff were confirmed cases.
- 78 of all and 49 of confirmed cases were treated and discharged.
TREATMENT STRATEGY

- **EARLY DIAGNOSIS AND TREATMENT**
  - Occurs commonly in outbreaks

- **LATE DIAGNOSIS AND TREATMENT**
  - No pathognomonic feature
  - Self medication
  - Low index of suspicion
  - Health seeking behaviour
  - PCR not available

- **CLINICAL Diagnosis**
  - Usually Presumptive
  - History and clinical features
  - (Urinalysis, SEUCr, LFT, FBC, Clotting Profile)

- **FLOW CHART and Organogram of Management**
  - A&E → Holding area in All A&Es → Lassa Fever Centre
  - Reduced fear, desertion and stigmatization

- **Contact Tracing and Surveillance**

- **Infection Prevention and Control Mechanism**
  - Collaboration with MSF, NCDC, WHO, Alima.
STANDARD OF CARE

- Provision of Drugs (Ribavirin) and Consumables (FREE)
  - Therapeutic dose IVF in 300mls 5%D/S over 30mins
  - Prophylactic dose oral 500mg 6hrly for 1 wk
- Dialysis (Functioning)
- Laboratory workup and PCR diagnosis in Lassa Fever Centre (Not Functioning)
- Infection Prevention and Control
  - Committees and Collaboration with NCDC, MSF, WHO, ALIMA, state Government.
  - Hypochloride 0.5, 0.05 in Veronica buckets
  - Sanitizers, Goggles, PPEs, Boats and other consumables
- Training and Re-Training of Health Care workers
- Public Enlightenment
- Restructuring of Lassa Fever Centre
  - Low Risk zone
  - High risk zone
THANK YOU