



KENYATTA UNIVERSITY
TEACHING, REFERRAL &
RESEARCH HOSPITAL

NEONATAL CARE EXPERIENCE IN THE CONTEXT OF COVID-19

GRIFFIN ANASI
(RN,PCCN)
KUTRRH

1st COVID 19 PREGNANT PATIENT

- ▶ 1ST COVID +VE MOTHER presented with severe PET at 36 weeks
- ▶ Admitted in ICU
- ▶ Stabilized BPs over 72 hours, gave dexamethasone.
- ▶ Planned for delivery-C/S-1 PSC
- ▶ Planning for delivery and neonatal care-COVID THEATRE+NICU
- ▶ Organized three teams ICU OR NEANATAL teams

ORGANIZING OR FOR THE C/S

- ▶ **Used a pre assigned COVID theatre, mapped pathway to follow.**
- ▶ **The OR team conducted C/S**
- ▶ **LMI BWT 3450gm APGAR 8 9 9**
- ▶ **Patient transferred to ICU by the ICU team**
- ▶ **Neonate transferred in a warm incubator to NICU**
- ▶ **Both teams donned PPEs**

MGT OF THE NEONATE

- ▶ **Neonate was treated as a suspect COVID- 19**
- ▶ **Nursed in an incubator**
- ▶ **Negative pressure room in NICU**
- ▶ **COVID-19 RT-PCR done 24hrs post-delivery**
- ▶ **WHO guidelines on COVID-19 Suspect**
- ▶ **management were adhered to prior results**

CONT,

- ▶ NIPE was done to rule out congenital abnormalities
- ▶ Feeding commenced EBM
- ▶ Vaccines were administered day two of life
- ▶ RT-PCR COVID 19 negative
- ▶ Routine care for the infant

PREPARATION OF EBM

- ▶ **Provided with N95 mask**
- ▶ **Washed the hands and the breast with soap and water**
- ▶ **Expressed using a breast pump machine**
- ▶ **Put it on a designated food serving area for collection to NICU**
- ▶ **Milton's solution for decontamination of the milking bottles and pump apparatus.**
- ▶ **Supervision done by nurse**

CARE FOR THE MOTHER

- ▶ **Psycho social to the mother**
- ▶ **Supervised to the mother with the baby for bonding**
- ▶ **Mother in PPEs when holding the baby in the ICU clean lounge**

- ▶ Mothers COVID19 negative
- ▶ Bp were within acceptable ranges
- ▶ Baby discharged with her home
- ▶ H/E messages were shared to her
- ▶ TCA for MCH follow up after 6weeks

THE TEAM-KUTRRH



THE NICU TEAM



PREPARATION TEAM



NICU





CONCLUSION

- ▶ Planning is key.
- ▶ Consider all patients to be exposed during this pandemic, apply the universal precautions and use PPE
- ▶ Be ready for change, and adapt quickly.
- ▶ Manage all our resources diligently.
- ▶ Have a dedicated COVID theatre.
- ▶ Have teams in ICU(multidisciplinary)
- ▶ Perform life saving surgery with caution and do not forget PPE
- ▶ Work as a team and stay safe.