

COVID -19 IN PATIENTS WITH HIV

MANAGEMENT STRATEGIES FOR BETTER HEALTH OUT -COMES

DR. SAMSON NDEGE

22nd July 2021



Partnership



USAID
FROM THE AMERICAN PEOPLE



REPUBLIC OF KENYA

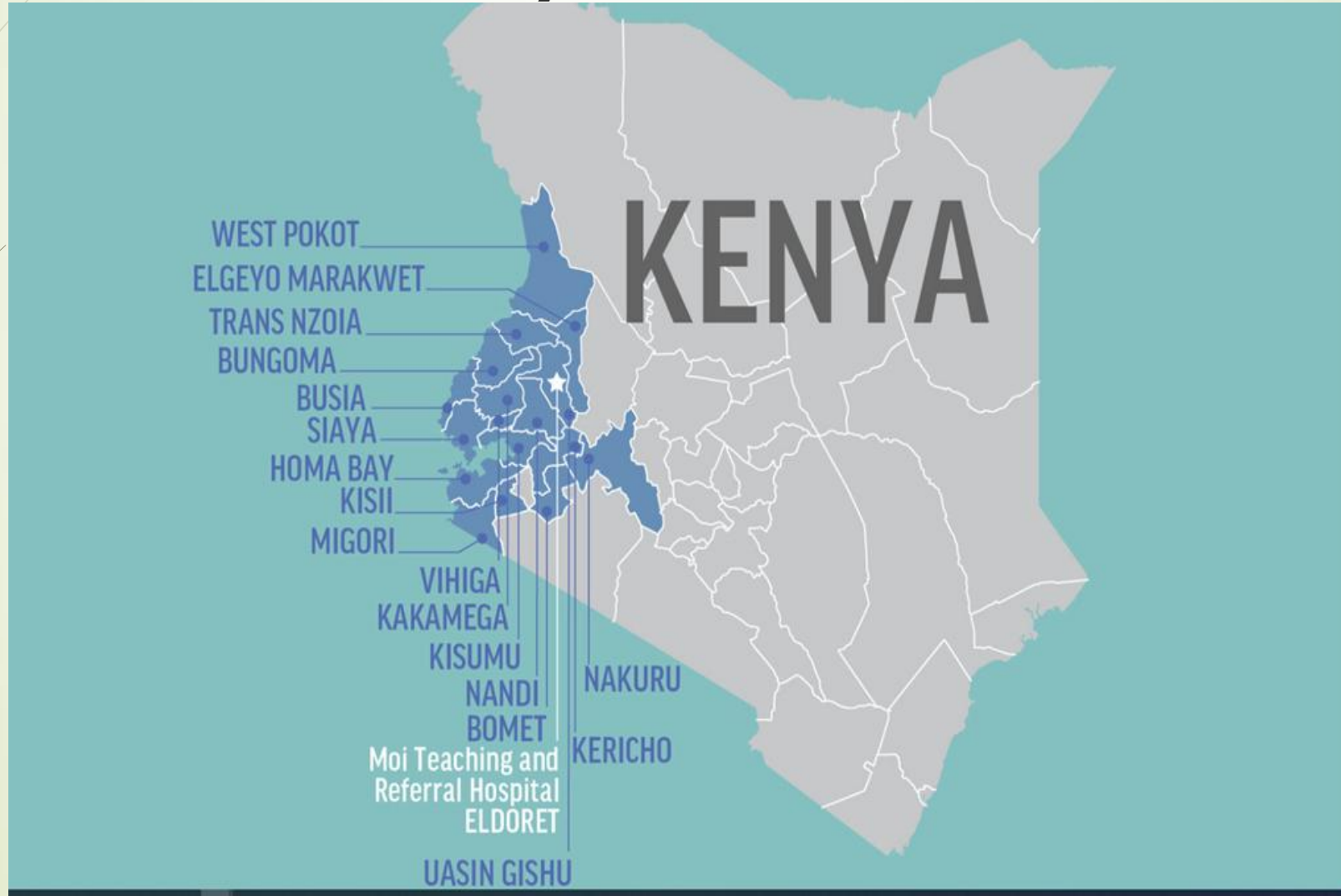


MINISTRY OF HEALTH



INDIANA UNIVERSITY

Ampath supports 10 counties in western Kenya





Prevention strategies

The Services at the CCC and the hospital were available since Covid-19 pandemic began.

- All clients washed their hands and temperatures taken in all entry points in the hospital
- Covid-19 screening done in the initial 6 months at the entry points for everybody who entered the hospital
- All hospital staff both clinical and non-clinical were sensitized on Covid -19 and its prevention
- Staff were provided with PPE



AMPATH- MTRH service delivery Strategies

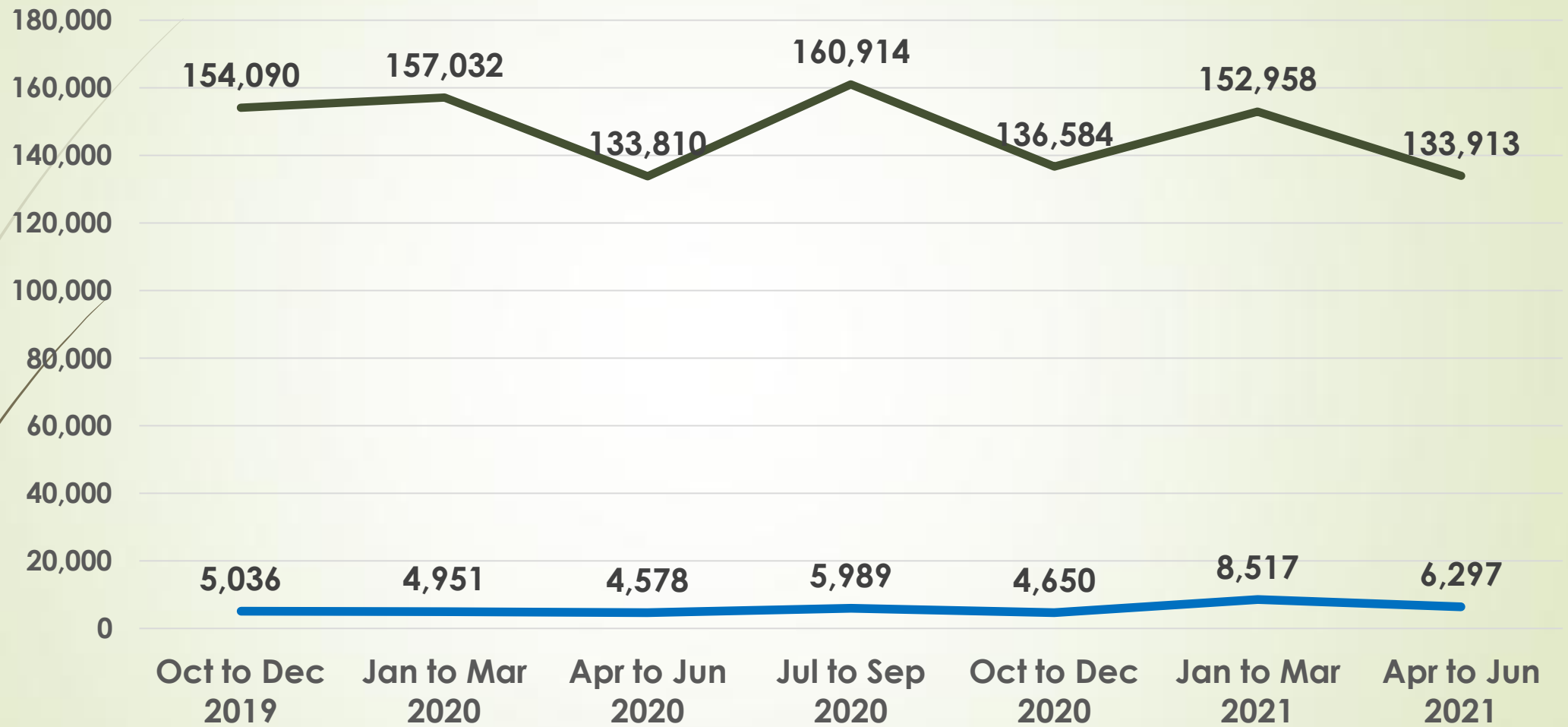
- By March 2020 clients were called to collect ARV drugs for up to 3 months as we anticipated lockdowns and later allow for decongestion in the clinics
- Drugs sent via courier to clients who were far e.g Nairobi ,Mombasa who had been affected by lockdowns and could not come.
- Treatment supporters were able to collect drugs at the facility for the elderly patients and children
- Tele-care/Telemedicine services: where clinicians communicate on phone with clients even while they were away and document on POC. Clinical and social concerns were addressed



service delivery Strategies....

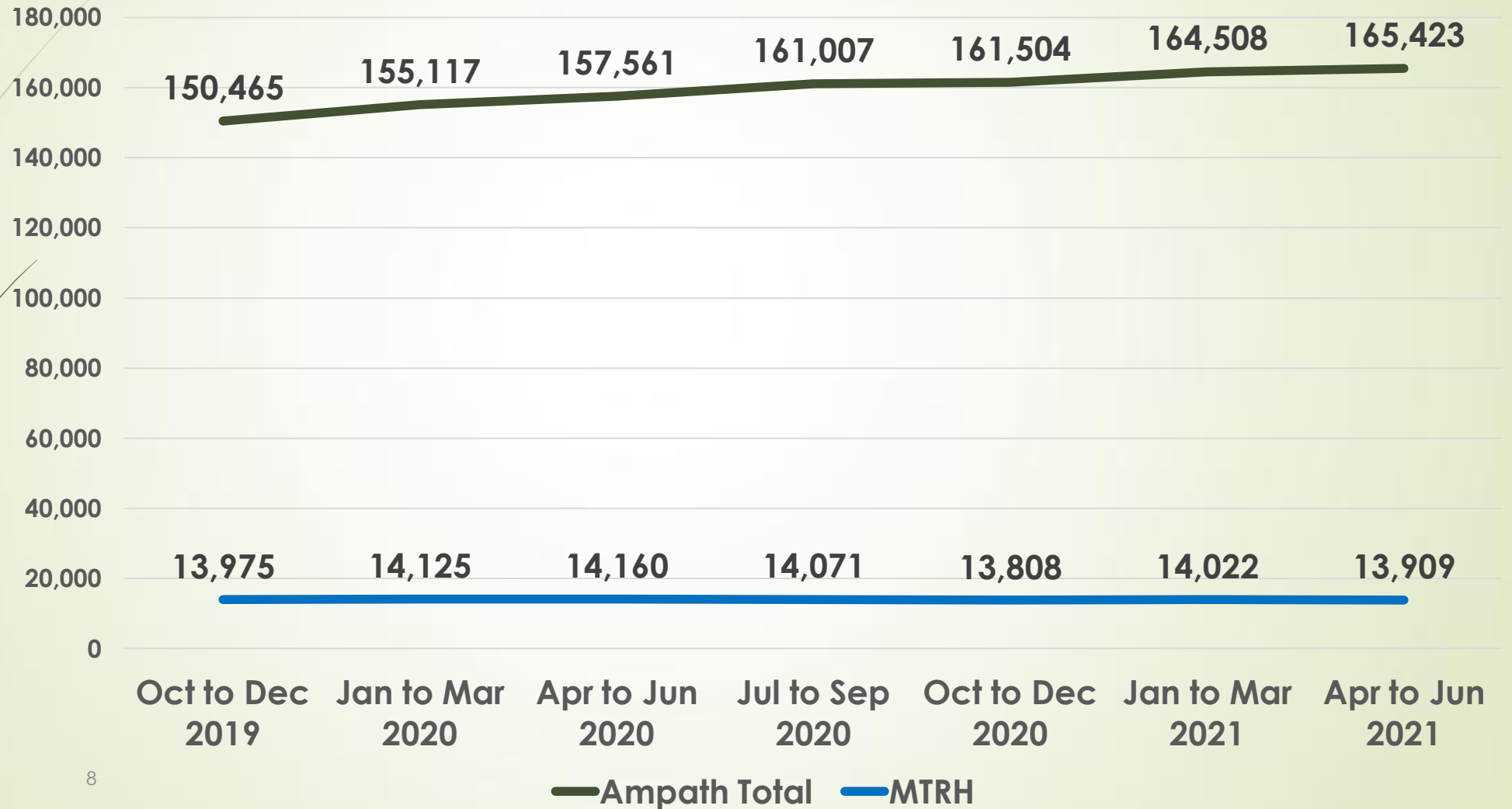
- ▶ Non –clinical staff were allowed to work from home with shifts for those who shared offices
- ▶ Clocking in with thumb prints was suspended to date to reduce infection transmission
- ▶ Social distancing was practiced at all queuing areas
- ▶ Adolescent clinic aka Rafiki Centre was also converted to covid-19 Isolation center and the clinic moved to the Ampath centre basement as we continued looking for space

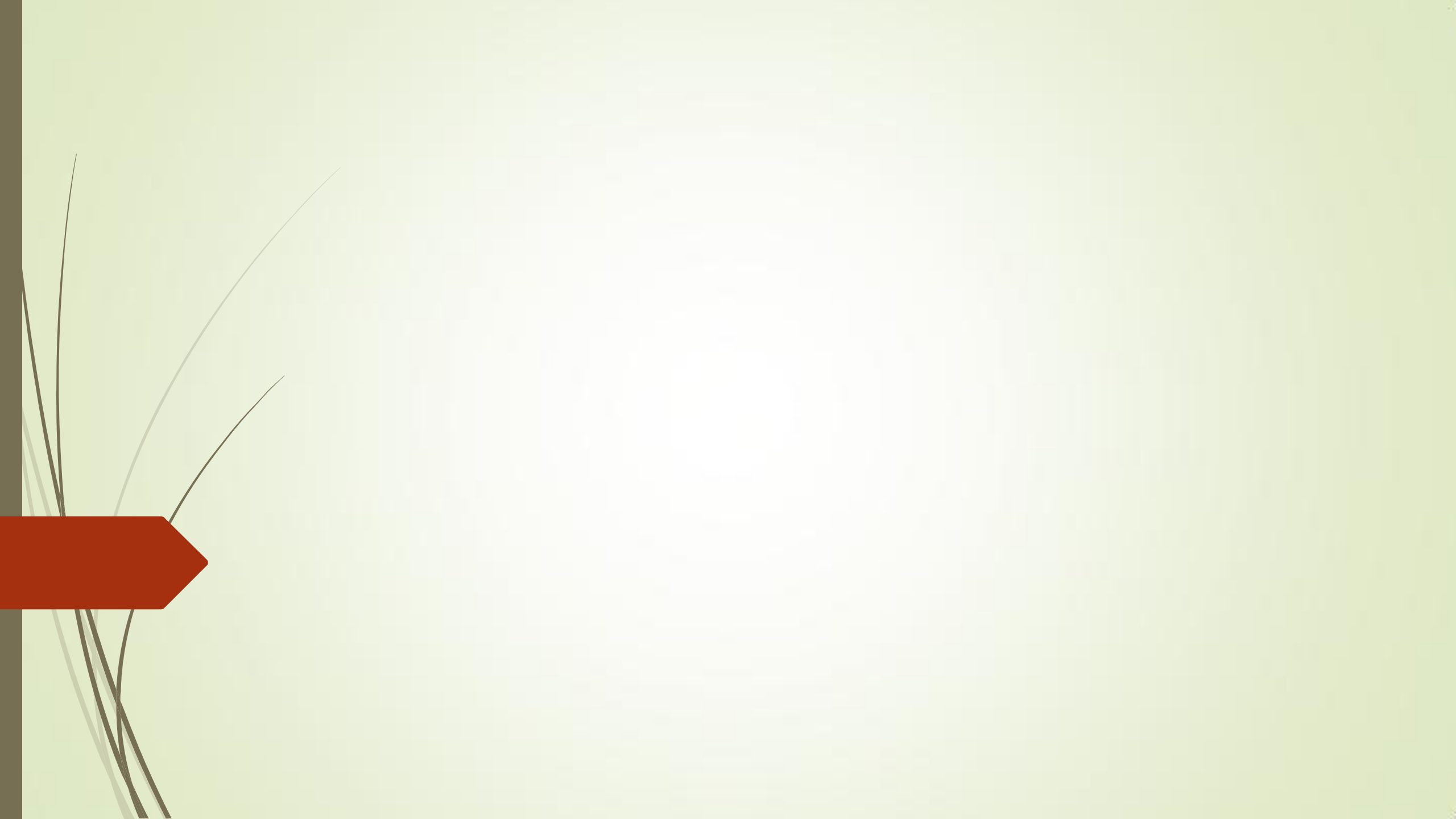
HTS_TST Oct 2019 – June 2021

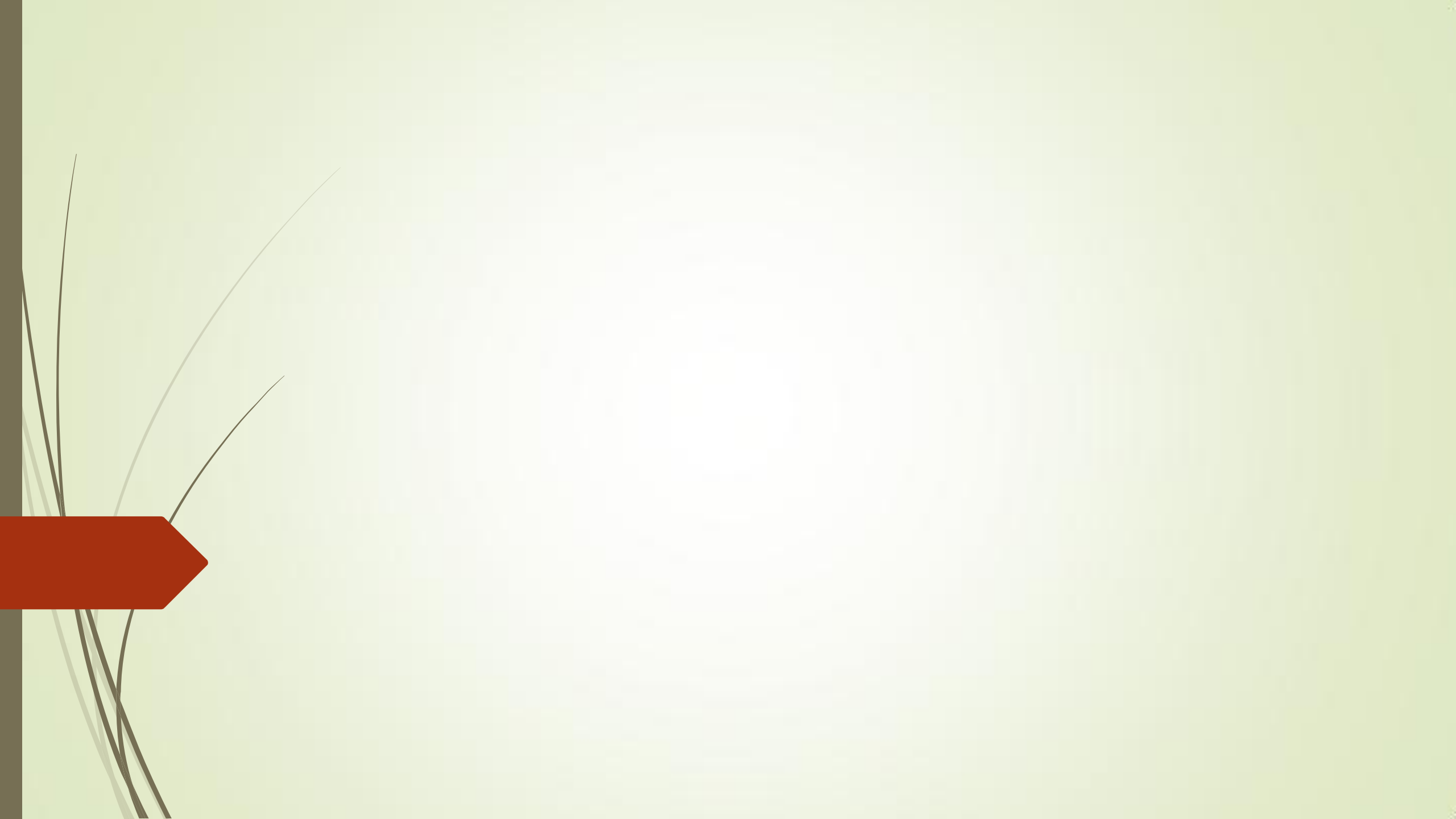


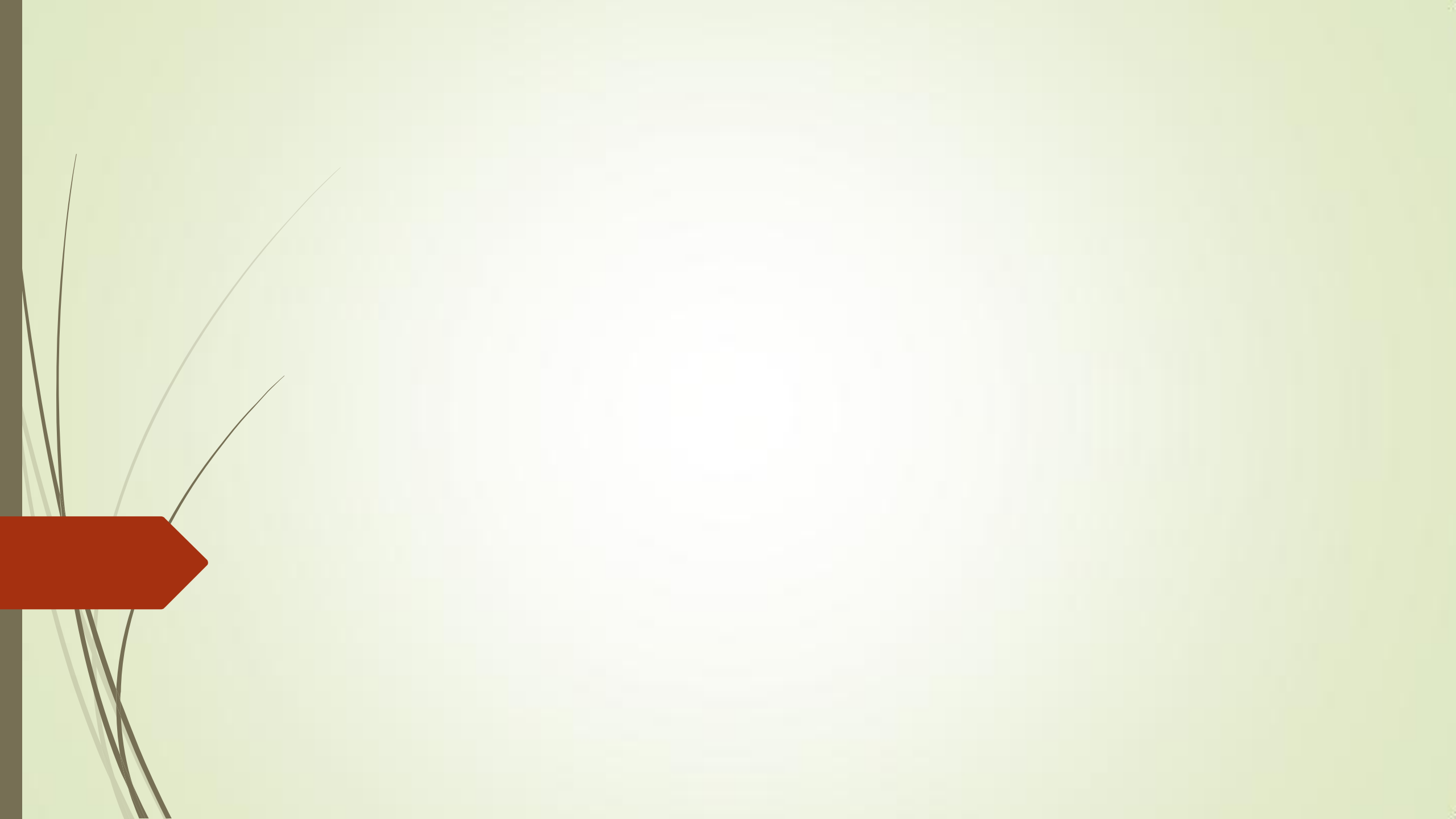
— Ampath Total — MTRH

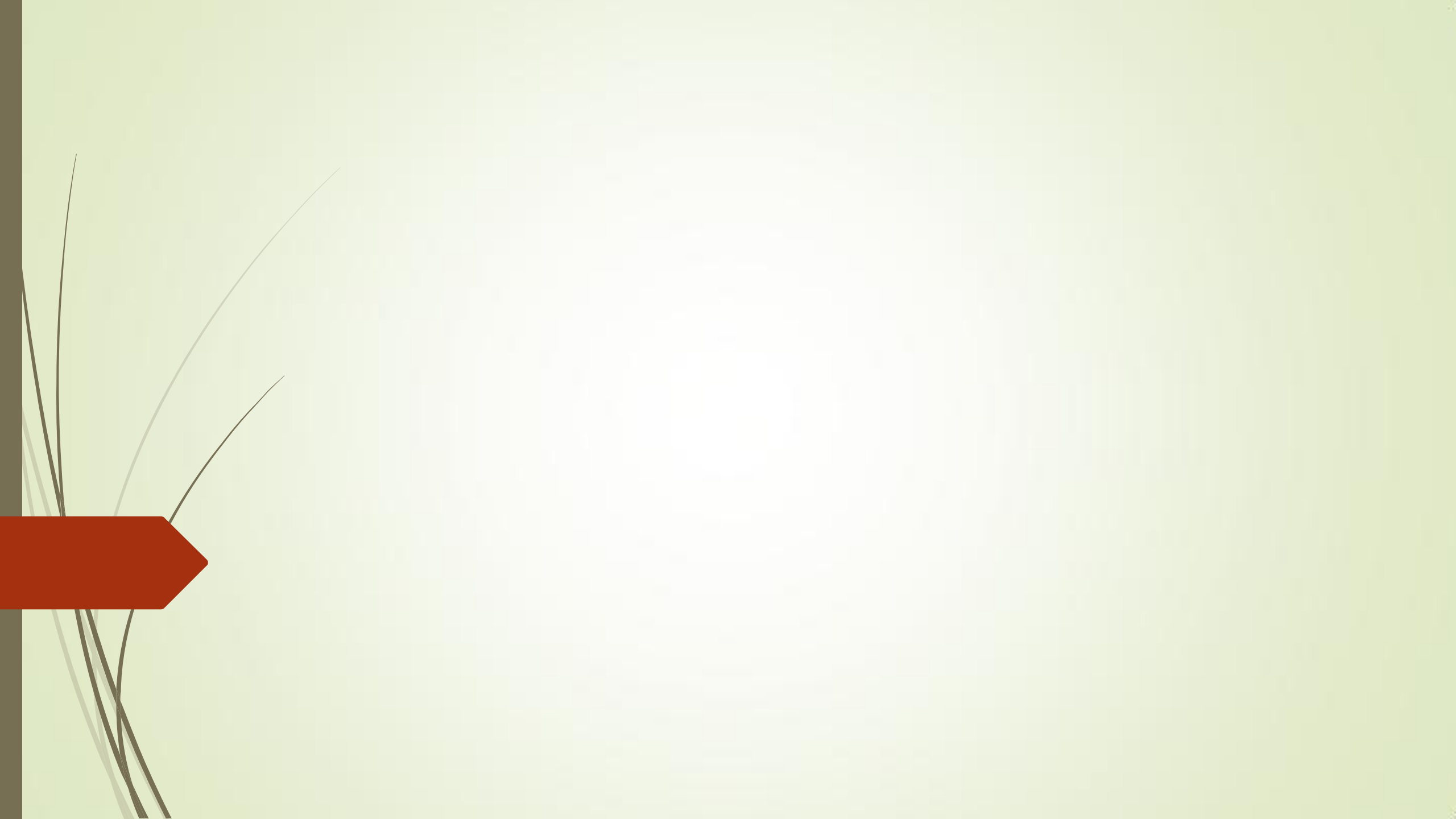
TX_CURR Oct 2019 – June 2021











Covid-19 management in HIV at MTRH

The general guidance :There should be no difference in management of Covid-19 patients with HIV and those without HIV

- ▶ Asymptomatic patients without HIV-Enroll on HBC, follow up, no Tx
- ▶ Asymptomatic patients with HIV-Enroll, HBC , follow up, no Tx

N/B

- Immunosuppressed patients are likely to develop severe Covid disease
- Need to monitor LFTs in patients on Remdesevir and HAART
- At MTRH ,LFTs are done every day

Standard Management for symptomatic covid-19 at MTRH

- Azithromycin 500mg OD for 3 days-may give for 3 additional days
- Zinc Sulphate 20mg OD for 1week
- Vit C 1000mg OD for 1week
- Remdesevir 200mg stat, then 100mg for 4 days, may for up to 10days if no clinical improvement
- PCM 1000mg OD for 3 days

PCP mgnt: Septrin 15-20mg PO/IV divided q 6-8hrs



Covid-19 Symptomatic patients with HIV

- Mild-spo2 92-no clinical signs of pneumonia
- Manage as same as HIV negative
- Mod-clinical signs of pneumonia(fever, cough, dyspnea) spo2 92
- Admit
- High index of suspicion for PCP, inquire compliance to HAART and Septrin prophylaxis, if no compliant, initiate on therapeutic dose of Septrin
- If compliant on HAART and Septrin, manage Covid for 4 days, if no improvement, initiate therapy for PCP



Covid-19 Symptomatic patients with HIV.....

- ▶ Severe dx-clinical signs of pneumonia ,respiratory more than 30,severe respiratory distress,spo2 less than 92
- ▶ Admit
- ▶ High index of suspicion for PCP, inquire compliance to HAART and septrin prophylaxis,if no compliant, initiate on therapeutic dose of septrin
- ▶ If compliant on HAART and septrin, manage Covid-19 for 4 days, if no improvement, initiate therapy for PCP

Challenges

- ▶ Some staff suffered from Covid -19 and were away from work for some time
- ▶ Clients feared coming to the hospital for fear of infection
- ▶ Transport charges escalated and some clients chose to pick drugs from nearest facility ,some transferred out
- ▶ Shortages in ARVs and lab commodities from February 2021 made the clinics give drugs for shorter duration up to 2 weeks increasing the frequency of clinic visits



THANK
YOU