

COVID19 & TB preventive therapy: the time scale up 3HP is now!

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IMPAACT4TB

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TB and COVID19

Biological interactions

- TB infection & disease may
 - Increase susceptibility to COVID19
 - Worsen COVID19 outcomes
- COVID19 may
 - Increase risk of progressing to TB disease in TB infected persons
 - Worsen TB treatment outcomes
 - Exacerbate post TB lung disease

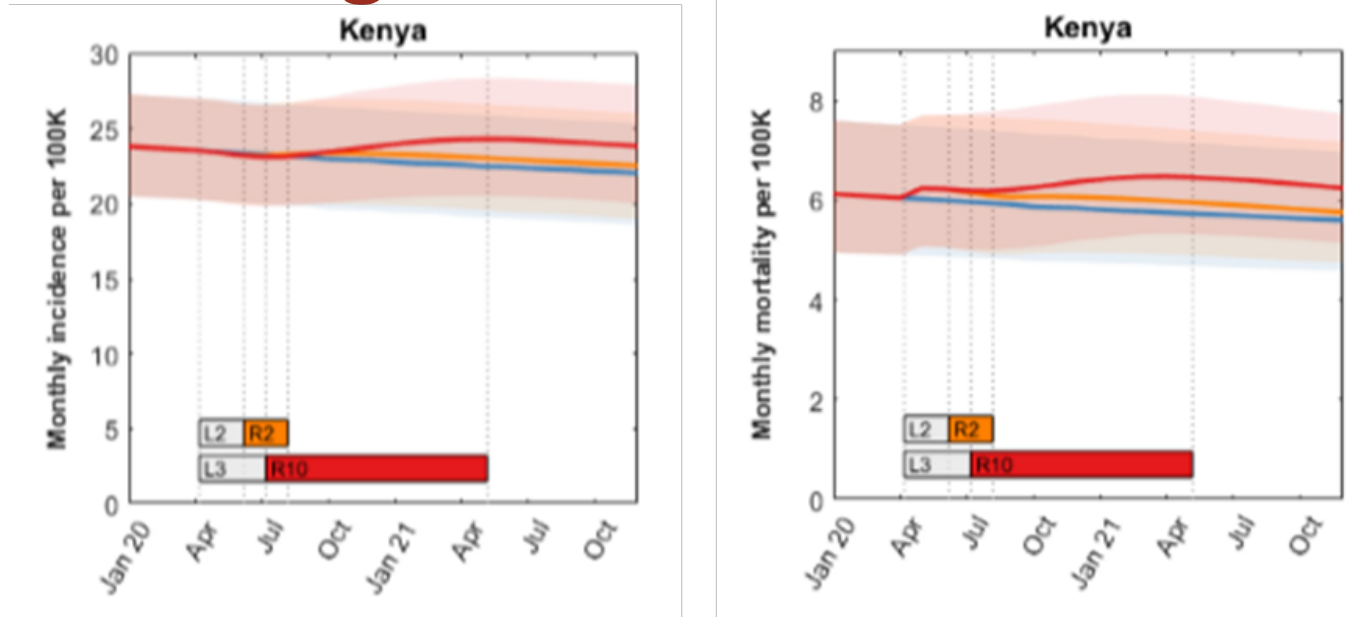
Impact of COVID19 response on TB services

Reduction in number of

- Diagnostic tests for TB
- Patients treated for TB
- Contact investigations
- Persons living with HIV and household contacts starting TB preventive therapy



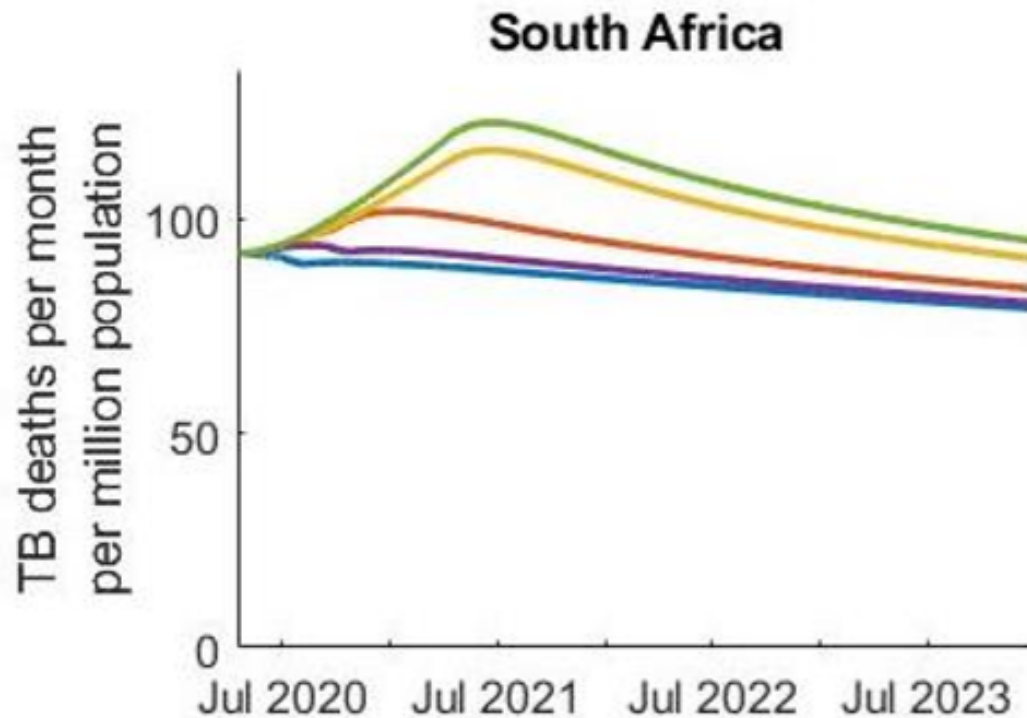
Impact of COVID19 responses on TB control in high-burden countries



- The COVID-19 lockdowns may impact on TB in high-burden settings, by limiting access to TB diagnostic & treatment services
- Globally, a 3-month lockdown and a protracted 10-month restoration could lead to an additional 6.3 million cases of TB & 1.4 million TB deaths between 2020 and 2025

(Cilloni et al, medRxiv preprint, 2020)

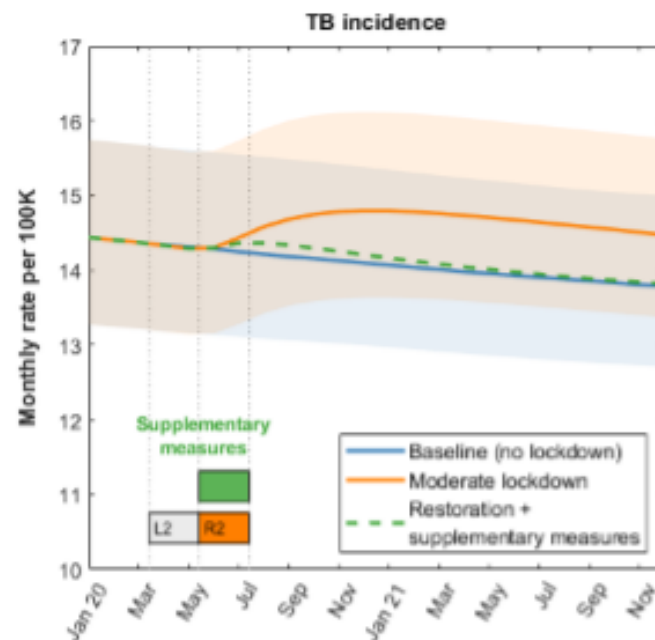
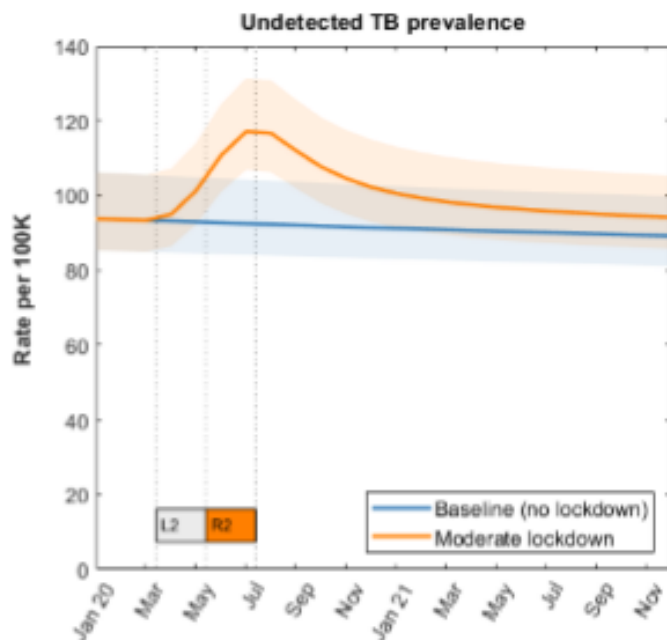
Impact of COVID19 responses on TB mortality in South Africa



— No Action — Mitigation — Suppression — Suppression-lift — Suppression unmanaged

(Hogan et al, Imperial College. 2020)

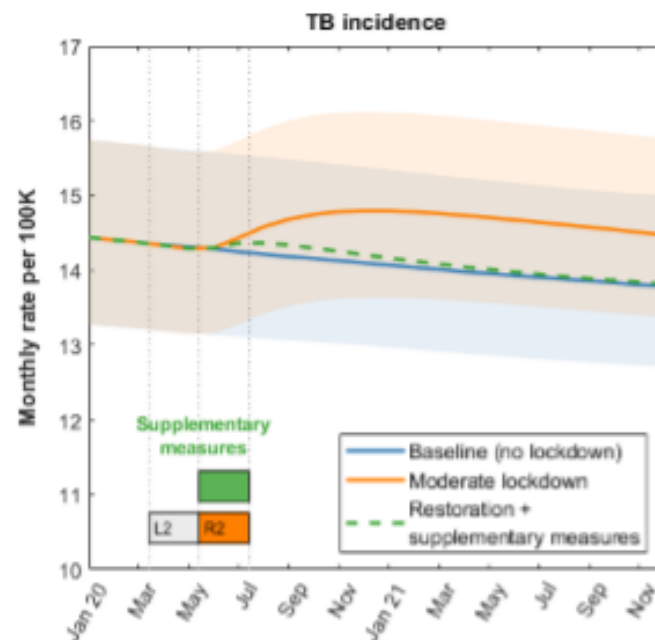
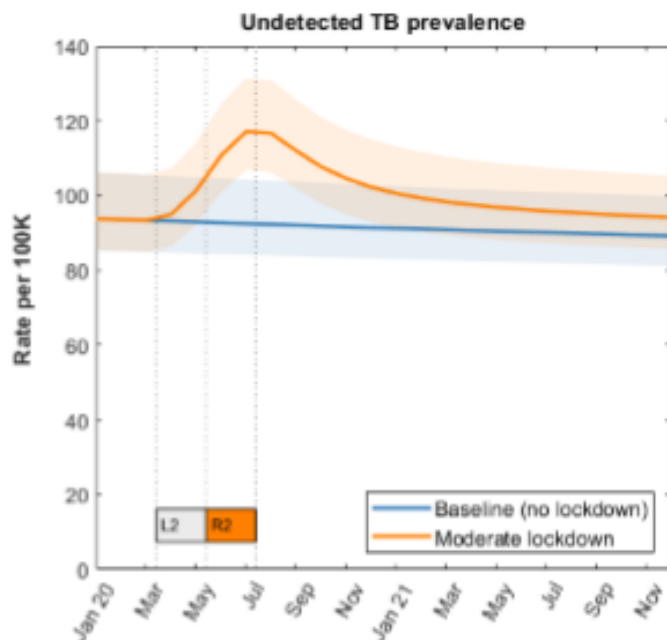
Impact of COVID19 responses on TB control in high-burden countries



- To reduce the impact of COVID19 on TB, requires strengthening
 - Access to quality assured TB diagnostic, treatment and preventive therapy services
 - Infection control measures
 - Active case-finding & contact tracing
 - anti stigma measures

(Cilloni et al, medRxiv preprint, 2020)

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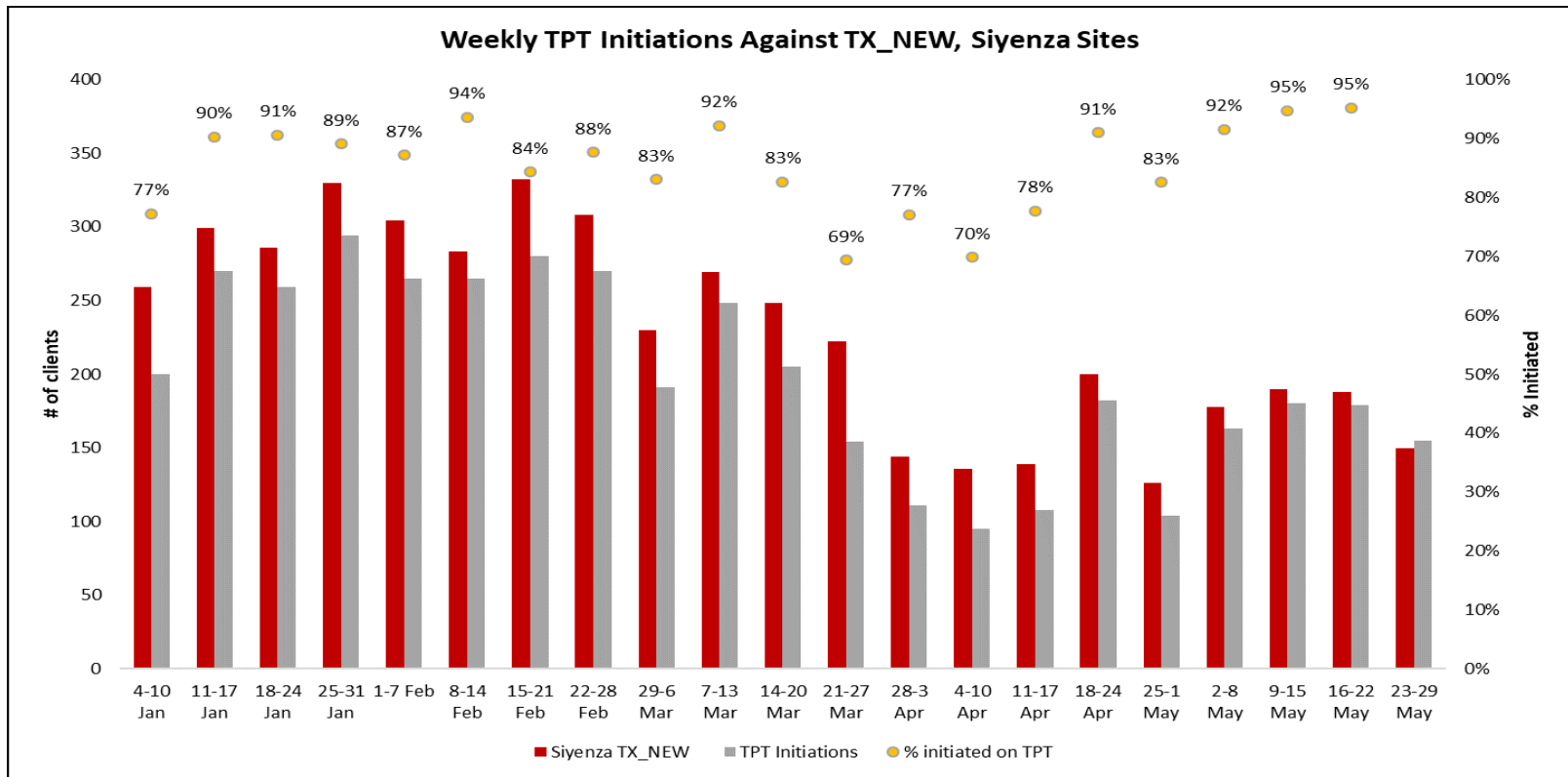
IPT uptake in SA during COVID19



Data as at 29 May 2020



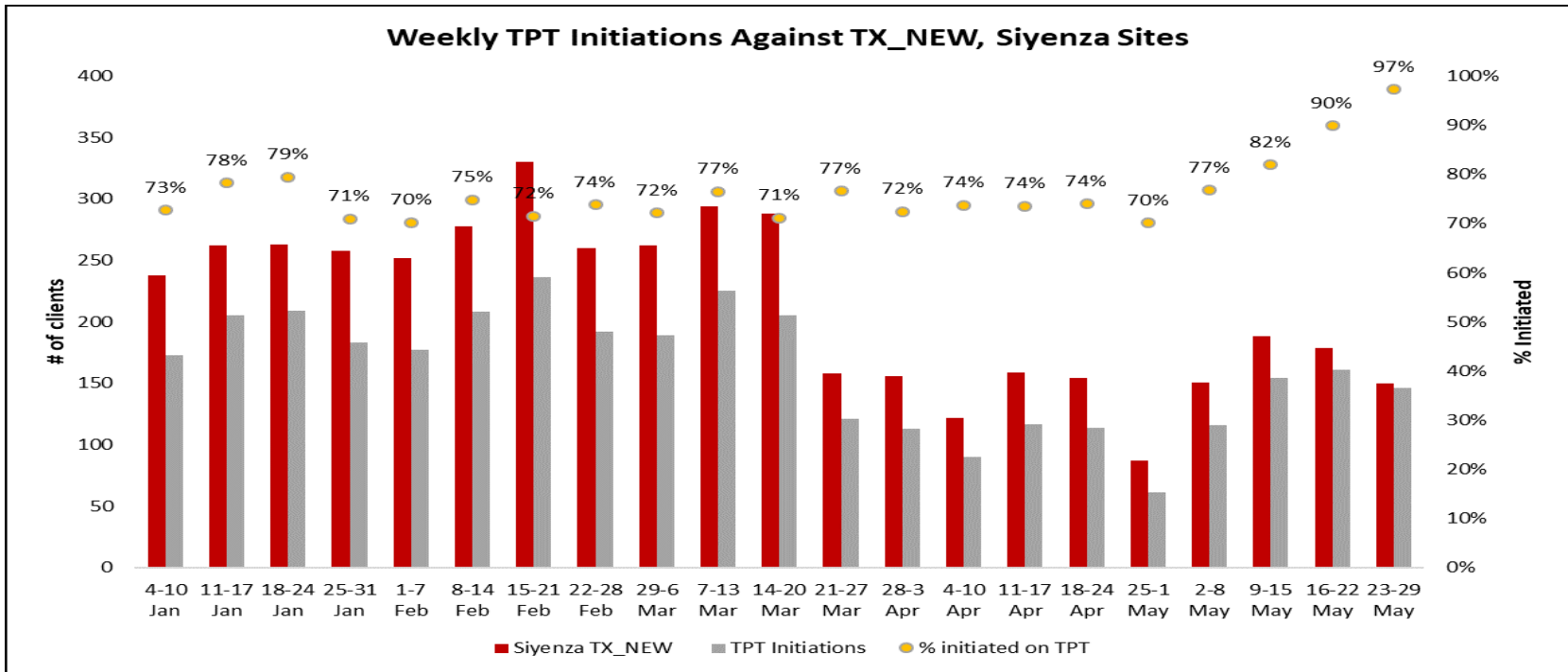
IPT Initiations: sub-District 1



The target is to ensure that at least 80% of new initiations are started on IPT.



IPT Initiations: sub-District 2



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3HP a potential game changer

- WHO prioritized scaling up TB preventive therapy as part of the End TB Strategy
- 3HP a potential “game changer” for TB prevention in HBCs
 - Shorter
 - Less toxic
 - Better adherence
 - Higher barrier to resistance
 - At least similar efficacy
 - Less burden to health programmes to implement
 - Safe with EFV-based regimens





health

Department:
Health
REPUBLIC OF SOUTH AFRICA

South Africa's plans for scaling up 3HP

- Stationary developed and training being conducted
- 3HP will be available in select clinics from July
- 2020: Scale up of 3HP will begin in 4 Global Fund supported districts across 4 provinces
 - Aim to start ~1 million PLWHIV on 3HP
- 2021: 3HP will be scaled up to include 23 districts in Global Fund, PEPFAR and Phuthuma supported districts



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Conclusion

- COVID19 responses can potentially worsen TB control
- COVID19 may increase the risk of developing TB and worsen TB treatment and long term outcomes
- Strategies to help mitigate the impact of COVID19 on TB control include
 - Integrating COVID19 & TB services
 - Including scaling up 3HP
 - Addressing impact of COVID19 on ART delivery
- 3HP for TB prevention among PLHIV & contacts is a potential game changer
- South Africa is poised to roll out 3HP

