

E2M2 WORKSHOP

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Research topic: THERAPEUTIC
OUTCOME OF TUBERCULOSIS
PATIENTS WITH WICKED PRONOSTIC
FACTORS IN TAMBOHOBE
FIANARANTSOA HOSPITAL

Methods

- This was a cross-sectional study of TB patients treated with the Anti-TB for equal or more than 6 months
- Multivariate analysis with multinomial logistic regression was done to achieve our research goal

Key results

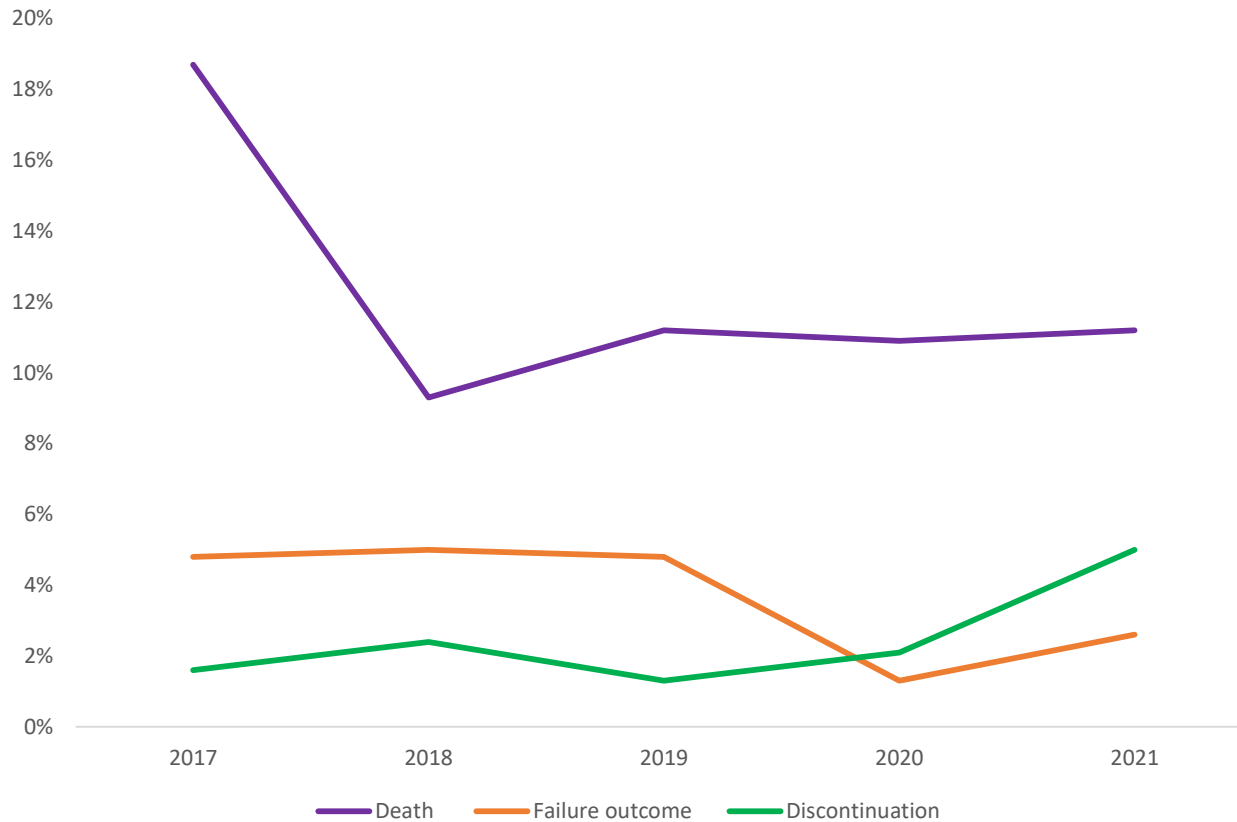


Figure 1: Evolutionary outcome modality Treatment of wicked prognosis for TB per year, 2017-2021

Key results

Tableau I: Prognosis factors of death

Outcome	OR	IC 95%	p
Death			
Age range			
(45,65]	8.8	2.87, 27.0	<0.001
(65,100]	12.0	1.46, 98.8	0.02
TB localization			
Pulmonary + extrapulmonary	9	12.9, 15.67	<0.001
Category of treatment			
New case	13.5	2.54, 72.1	0.002

Key results

Tableau II: Prognosis factors of failure outcome

Outcome	OR	IC 95%	p
Failure outcome			
Age range			
(65,100]	12.3	1.26, 120	0.031
TB localization			
Pulmonary + extrapulmonary	9	6.78, 17.98	<0.001
Pulmonary+pleural	9.5	3.56, 13.93	<0.001

Key results

Tableau III: Prognosis factors of treatment's discontinuation

Outcome	OR	IC 95%	p
TB localization			
Miliary tuberculosis	9.6	8.77, 19.91	<0.001
Peritoneal	8.2	6.60, 12.17	<0.001
Pleural	9.7	6.25, 17.38	<0.001

Research perspective related to the workshop

- Optimal screening for wicket prognosis to
Improve patient outcomes with anti-TB

Thank you !!