Facilitating Patient
Communication of Reportable
Adverse Reactions from
Tuberculosis Drug Therapy:
Tuberculosis Medication Side
Effects Questionnaire

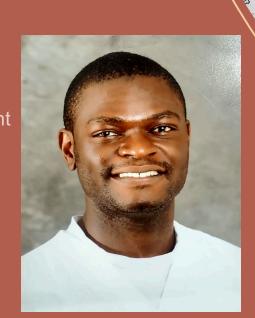
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Overview of Project

- Tuberculosis (TB) is a disease which can lead to mortality and requires prompt and close monitoring of adverse drug reactions (ADR) during drug therapy (Prasad et al., 2019).
- Literature reveals that out of 552 active TB patients, 82.5% of patients undergoing TB drug therapy communicate at least one ADR in the first two months of therapy and 78.8% of patients communicate at least one ADR during the entire TB drug therapy period (Pereira et al., 2022).
- At the City Chest Clinic, onsite chart audits revealed that within a three-month period, only 40% of active TB patients seen during monthly clinic visits communicated at least one of ten priority adverse drug reactions in the toxicity screen checklist (TB205).
- Project goal: Utilize an evidence-based intervention to increase the percentage of active TB patients who
 communicate at least one of the ten priority adverse reactions from tuberculosis drug therapy from 40% to 60%
 during monthly visits over a period of six months, from October 1st, 2022, to March 31st, 2023, at the City Chest
 Clinic.
- Evidence-based intervention: Visual Analog Scales (VAS).

Adverse Drug Reactions

- Nosebleed
- Vision changes
- Fever
- Nausea
- Fatigue
- Joint pain
- Skin rash
- Abdominal pain
- Yellowing of eyes or skin
- Tingling fingers or toes

Month

Tuberculosis Side Effects Questionnaire

Please place an **X** on each line to indicate how severe you are experiencing each of the following reactions recently or from the last visit:



References

- Pereira, M. A., Schmaltz, C. A., Arriaga, M. B., de Oliveira, R. V., Andrade, B. B., & Rolla, V. C. (2022). Adverse drug reactions related to treatment of drug-susceptible tuberculosis in Brazil: a prospective cohort study. *Frontiers in Tropical Diseases*, 66.
 https://www.frontiersin.org/articles/10.3389/fitd.2021.748310/full
- Prasad, R., Singh, A., & Gupta, N. (2019). Adverse drug reactions in tuberculosis and management. *The Indian journal of tuberculosis*, 66(4), 520–532.
 https://doi.org/10.1016/j.ijtb.2019.11.005

Thank You

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