



KNCV promotes access to new drugs and regimens coupled with rapid, highly sensitive and specific molecular tests to detect TB.

RIGHT DIAGNOSIS, RIGHT TREATMENT

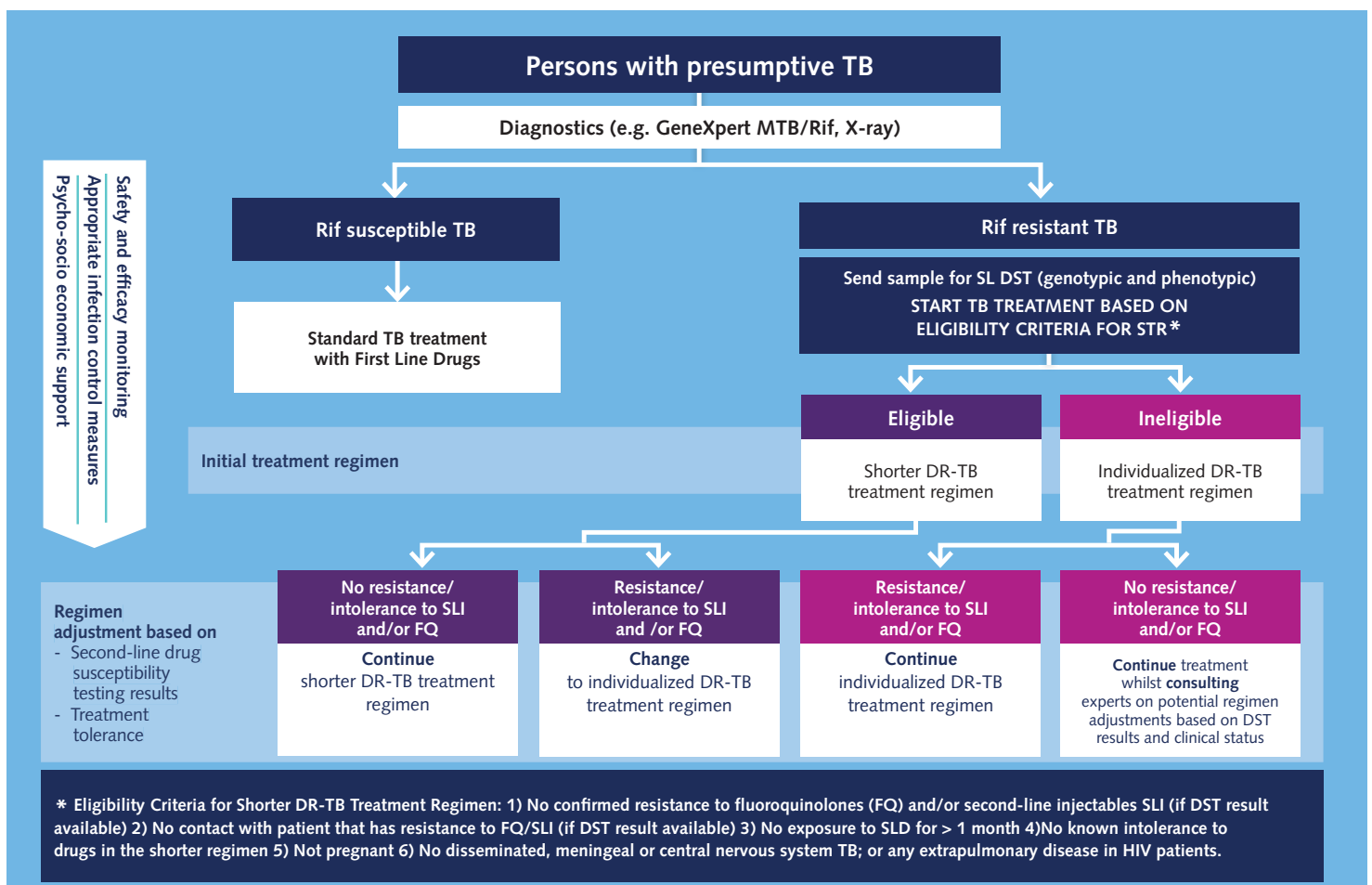
KNCV Tuberculosis Foundation (KNCV) aims to save lives and alleviate human suffering due to TB, to curb the TB epidemic and to prevent further spread of drug-resistant (DR) TB. In the long term, we envision a TB-free world.

We believe in a human rights and patient-centered approach, which warrants innovative, practical and effective tools and products to optimize diagnosis and treatment for all. KNCV supports the introduction of new diagnostic tools, drugs and regimens and helps to prepare countries and national TB programs for the rapid uptake and scale-up of new tools and TB drugs.

KNCV's initiative on Right Diagnosis, Right Treatment aims to accelerate the processes required for adoption, implementation and scale-up of new tools, including policies and approaches, diagnostic and other technologies, and TB drugs—comprehensively and systematically. We do this in the context of the programmatic management of TB for children and adults. At its core is KNCV's TB Patient Triage

Approach. It promotes access to new drugs and regimens coupled with rapid, highly sensitive and specific molecular tests to detect TB and various forms of DR-TB, if present. It offers early and correct 'triaging' of patients to the least toxic, shortest, most appropriate and effective regimen according to individualized rapid patient drug susceptibility test (DST) results.

Figure 1: KNCV's TB Patient Triage Approach



IMPLEMENTATION STAGES

The Right Diagnosis, Right Treatment initiative sets in motion sequential stages that involve understanding the country context to establish an enabling environment that will ensure access to most appropriate TB care for all patients (Figure 2). The implementation processes include: (a) Landscaping and analyzing contextual factors (epidemic, health system networks, resources and stakeholders) at all levels essential to defining

gaps and opportunities; (b) Following the analysis of the context, key stakeholders work together to create an enabling environment by mobilizing political commitment and developing and adopting effective and relevant policies and regulations: the backbone of KNCV's Right Diagnosis, Right Treatment initiative. (c) Ensuring access to care (availability, affordability, acceptability) of all persons affected by TB.

OUTCOMES

The stages and interventions of the Right Diagnosis, Right Treatment initiative will yield comprehensive outcomes that include:

- Adoption of any new diagnostic technology or treatment regimen;
- Enhanced health delivery systems;
- Increased access of patients to new and repurposed drugs that are effective and patient friendly, including all oral regimens; and
- Improved patient treatment outcomes

INTERVENTION AREAS

Interventions to achieve the desired outcomes under the Right Diagnosis, Right treatment framework focus on four areas:

1. Right Diagnosis: Establishing functional, high quality laboratory networks that are ready to meet the demand for testing of DS-TB and DR-TB.
2. Right Treatment: Delivering immediate treatment for all forms of TB that is tailored to the specific form of resistance with appropriate and effective drug regimens.

Effective treatment requires trained staff and the capacity to ensure monitoring and management of treatment response and of adverse events, along with provisions to ensure adherence.

3. Uninterrupted Supply of Medicines: Establishing an effective and efficient supply management system of both first and second line anti-TB medicines.
4. Information Systems: Ensuring functional and interoperable information systems.

KNCV Tuberculosis Foundation is the world's leading TB expert agency. Established in 1903, KNCV delivers evidence for policy and technical assistance for impact in TB care and prevention worldwide.

Figure 2: Right Diagnosis, Right Treatment Framework

