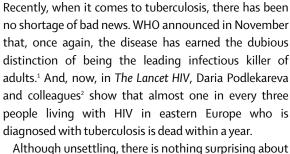
The tuberculosis emergency in eastern Europe



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Although unsettling, there is nothing surprising about the results of this study. Once again, we are presented with evidence that two familiar stumbling blocks are killing people with tuberculosis at unprecedented rates: HIV co-infection and drug-resistant forms of the disease.³ The noxious synergy⁴ between tuberculosis and HIV has been well described, with many different solutions proposed for halting this mortality. However, this paper presents clear evidence that straightforward interventions—such as drug-susceptibility testing for tuberculosis and the prompt initiation of antiretroviral therapy in all patients with tuberculosis—are still not being implemented.

Drug resistance continues to be a formidable foe, with this study documenting a death rate three-times higher in those with drug-resistant tuberculosis than in those with fully susceptible disease. In western Europe, however, no such excess mortality was recorded, probably because effective interventions are part of routine tuberculosis practice, similar to those described in a recent Lancet Series on eliminating the disease.5 Yet there has been great hesitation on the part of a tuberculosis community more comfortable with tradition than innovation to demand these interventions be implemented worldwide and urgently, even though similar outbreaks are also being reported in places as disparate as Papua New Guinea⁶ and India.⁷ Because most drug-resistant tuberculosis comes from primary transmission,8 treatment as prevention must become the prevailing strategy to stop the spread of drug-resistant tuberculosis, as is the case for HIV.9 This means rapid diagnosis of drug-resistant tuberculosis with expeditious initiation of effective therapy for everyone who presents with signs and symptoms of the disease.¹⁰ Effective therapy must include, from the beginning, the most powerful drugs available treat drug-resistant tuberculosis. Post-exposure



management of people who come into contact with drug-resistant tuberculosis must also be implemented, not as an add-on contact-tracing activity, but as an essential strategy for saving lives.¹¹ Finally, tuberculosis treatment is based on a fundamental mistrust between health-care providers and those living with the disease, including stigmatising language¹² and the patronising direct observation of pill taking—no wonder the model is failing.¹³

Recent reflections on shortcomings in the global management of deadly infectious diseases promise change to better respond when outbreaks and emergencies occur in the future. The data presented by Podlekareva and colleagues reveal a health emergency with severe consequences that is happening now. We must respond not just with plans and words, but with measurable action. If not, we should be prepared for more bad news in the months and years to come.

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