NEW TB TOOLS WILL NOT DELIVER THEMSELVES

Madhukar Pai
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COI Disclosure

I HAVE THE FOLLOWING, REAL OR PERCEIVED DIRECT OR INDIRECT CONFLICTS OF INTEREST THAT RELATE TO THIS PRESENTATION:

<table>
<thead>
<tr>
<th>Affiliation / financial interest</th>
<th>Nature of conflict</th>
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<tr>
<td>Tobacco-industry and tobacco corporate affiliate related conflict of interest</td>
<td>Bill &amp; Melinda Gates Foundation</td>
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<td>Grants/research support (to myself, my institution or department):</td>
<td>FIND, Geneva Stop TB Partnership, Geneva</td>
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<td>Honoraria or consultation fees:</td>
<td>Advisor, TB Alliance</td>
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<td>Participation in a company sponsored bureau:</td>
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<td>Stock shareholder:</td>
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<td>Spouse/partner – conflict of interest (as above):</td>
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<td>Other support or other potential conflict of interest:</td>
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In 2020, we can re-imagine TB Care
ACTIVE TB CARE: REIMAGINED

- Systematic screening
- Presumed TB

- Early care seeking & clinical assessment

- Rapid Triage
- eTB ICT & dashboard

- Rapid Dx & DST
- Sequencing confirmation

- Short drug regimens
- New vaccine

- Test for treatment response & cure
- Patient support & benefits, adverse events & comorbidities management
LATENT TB CARE: REIMAGINED

At risk for infection &/or progression

Risk & clinical assessment

Diagnosis of infection

Rule out disease

Risk/benefit assessment

Predictive correlate of risk signature

Vaccine to prevent infection

Vaccine to stop progression

Test for treatment response & cure

Client support & benefits, adverse events & comorbidities management

Short drug regimens
Better Therapies For TB Are Here, But They Will Not Deliver Themselves

Madhukar Pai  Contributor
Healthcare
I write about global health, infectious diseases, and equity

A pharmacist holds two sets of pills in her hands, showing the difference between the amount of... [+] GETTY
Cazabon D, Pande T, et al. Gates Open Res 2018

Singhroy D et al. Unpublished

Is your country currently using the LF-LAM test?
UPTAKE OF NEW TOOLS: BDQ & DLM

http://drtb-stat.org/country-updates/
“If we had an intervention for H.I.V. that reduces mortality by 37 percent, the W.H.O. would have an emergency meeting and it would be recommended for uptake in the entire world,” he said. “But when it’s for TB, people just sort of shrug.”

“It’s just a stolid world of never-changing practices — slow to adopt, slow to change, slow to evolve,” Dr. Chaisson added.
GROW THE PIE
“What makes activism work is [patients’] anger and fear...somehow you have to be able to capture that, put it in a bottle and bottle it and use it.” - Larry Kramer

The following comes from a report produced by HCM strategists, a public policy advocacy consulting firm: “Back to Basics: HIV/AIDS as a Model for Catalyzing Change.”
Thank you!