



William Davidson Institute
AT THE UNIVERSITY OF MICHIGAN

HEALTHCARE INITIATIVE SEMINAR SERIES

Broken Markets and Broken Patients: Tuberculosis in India



Madhukar Pai, MD, PhD

- Associate Professor, McGill University
- Associate Director, McGill International TB Centre

Wednesday, September 25, 2013
5:00 – 6:00 pm

R 0240
Ross School of Business, 701 Tappan St.

Despite the scale-up of DOTS (Directly Observed Treatment Shortcourse), India continues to have the world's highest burden of TB. Severe forms of drug-resistant TB and high mortality due to TB are ominous signs of an epidemic that is far from controlled. Most TB patients seek care in the unregulated private sector where quality of care is highly variable; suboptimal diagnostics and irrational drug prescriptions are common. Both the private and public sector markets for TB have major shortcomings. In addition to an overview of these larger market issues, this talk will focus on one business model innovation to improve the private diagnostics market.

Madhu Pai did his medical training and community medicine residency in Vellore, India. He completed his PhD in epidemiology at UC Berkeley, and a postdoctoral fellowship at the UCSF. He is currently an associate professor of epidemiology at McGill University in Montreal, and an Associate Director of the McGill International TB Centre. In addition, he serves as a Consultant for the Bill & Melinda Gates Foundation. He has served as co-chair of the Stop TB Partnership's Working Group on New Diagnostics. He serves on the editorial boards of several journals, including Lancet Infectious Diseases and PLoS Medicine.

Madhu's research is mainly focused on improving the diagnosis of tuberculosis, especially in high-burden countries like India and South Africa. His research is supported by grant funding from the Gates Foundation, Grand Challenges Canada, and Canadian Institutes of Health Research. He has more than 150 peer-reviewed publications. He is recipient of the Union Scientific Prize, Chanchlani Global Health Research Award, and Stars in Global Health award from Grand Challenges Canada.

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