Training workshop for consultants of TB prevalence surveys

Services offered and possible add-on studies

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Services to be offered as part of the survey

• TB treatment
  – Must ensure all TB cases are promptly referred to the NTP for registration and treatment

• HIV testing
  – Offer to all TB cases; link up with HIV system (register and manage HIV cases, ensure ARV treatment)
  – If possible (do not compromise participation rate!) expand to include all those eligible for sputum examination
  – Very relevant for sub-Saharan countries who are focus countries

• Chest X-ray abnormalities identified as part of the screening
  – Case management (dependent on ethical requirements and funding availability)

• Drug resistance testing
  – For case management and appropriate treatment and NOT to draw estimate of MDR-TB (DRS or routine surveillance should be doing this!)
Is prevalence the only result?

• Surveys are designed to ensure nationwide representation. Wonderful opportunity and not an exercise repeated often!

• It is tempting to add yet more (secondary) objectives (over and above TB prevalence, data on understanding why cases are missed, etc.)

• If you do, the primary objectives of the survey should not be compromised

• Based on human, logistical and operational availability of resources
What are the options?

- Social determinants and risk factors
  - Case-control studies
    - crowding
    - socio-economic status
    - indoor air pollution
    - smoking
    - nutrition
    - diabetes
  - Small number of cases, hence limited potential