Antwerp SRL activities

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The Union &
Antwerp coordinating SRL
PT rounds conduct

• 15 annual SRLN rounds since 1999
  – dispatch to up to 32 SRLs
  – follow-up and analysis
  – almost 100% reports received

• Also non-SRL, same panel
  – NRLs, and other labs in few countries
  – recent years about 25 labs
  – always some failures
  – with certificate, advice regarding error investigation
Drug resistance surveys & EQA

- Last 10 years
  - 5 national DRS completed
  - 2 in preparation

- Continuous rechecking EQA for DF Bangladesh
  - studies
  - continuous DRS: retreatment cases

- Samples from routine in TA countries
Technical assistance

• TA visits, training at SRL and/or on-site
  – comprehensive: NRL, cult/DST labs, microscopy network
  – Damien Foundation projects; MSF projects; ITM projects; Union/USAID
  – last few years
    • WHO LoA covering 10 countries
    • agreement signed with 14 countries

• Mentoring candidate SRL: USAID/Union
  – Uganda, Benin, (Tanzania), (Pakistan)
Technical working group: borderline resistance

• Investigations RMP
  – systematic \textit{rpoB} sequencing
    • failure and relapse cases Bangladesh and Kinshasa
    • before and after treatment (acquired resistance studies)
    • treatment outcome data collection
  – documenting MGIT failures
    • MGIT DST versus LJ MIC99 by mutation
    • plan: sequence MGIT HES/HS/HE-profiles from CAR
  – document other rapid DST failures: MODS, NRA, REMA, slide DST, TLA, LPA, Xpert

• Special round volunteer SRLs