



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 *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

