

Treating Patient, Not Disease: People-Centered Approach

7th TB Symposium — Ministry of Health of the Kyrgyz Republic
and Médecins Sans Frontières

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Integrated model of HIV care
at Tashkent City AIDS Centre (TCAC)

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TB SCREENING ALGORITHM AT TCAC

SCREENING BY
RECEPTION NURSE:
all patients not receiving
TB treatment
are screened using the
WHO questionnaire

NO to all questions

No suspected TB
Repeat the
assessment
in 3–6 months

1. YES to the 1st question
2. NO to the 1st question,
YES to other questions

Refer to physician
for examination

Physician's examination results:

- Cough lasting > 2 weeks
- No cough but:
- Fever > 37.5°C
- Dyspnoea
- Pleural effusion or pericarditis
- Swollen cervical or axillary lymph nodes
- Altered mental status

Physician
refers
the patient for:

- GeneXpert
- Chest X-ray

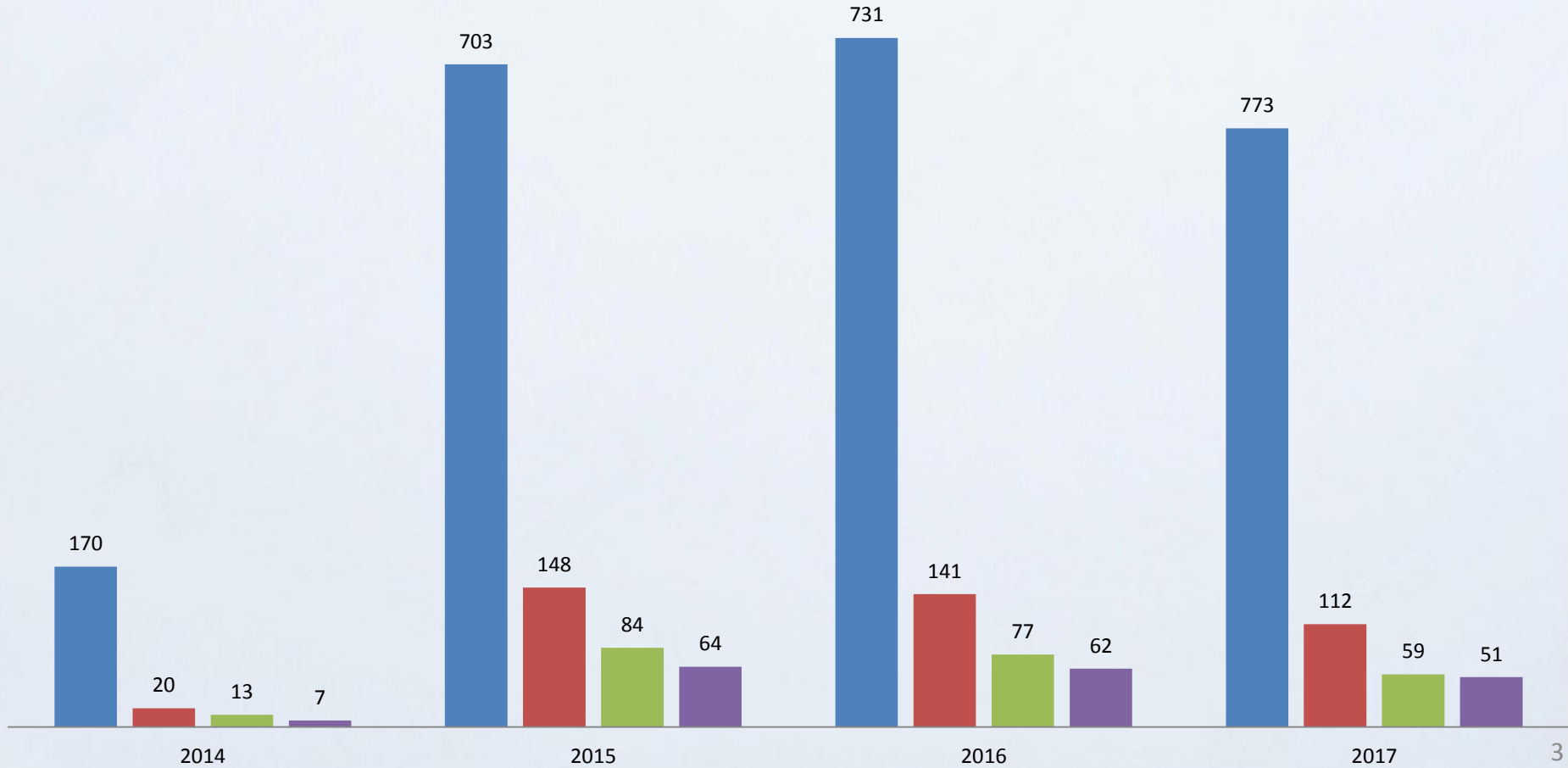
If the patient has one of the following:
AFB smear+ or GeneXpert MTB+
• Suggest clinical assessment of X-ray results
• Refer the patient to TB doctor

Negative results:
Isoniasid prevention
therapy
Monitor patient adherence
to IPT at each visit

• Fill in the referral form
• Refer the patient to TB
hospital with copies
of corresponding results
• Refer to TB doctor for
re-examination

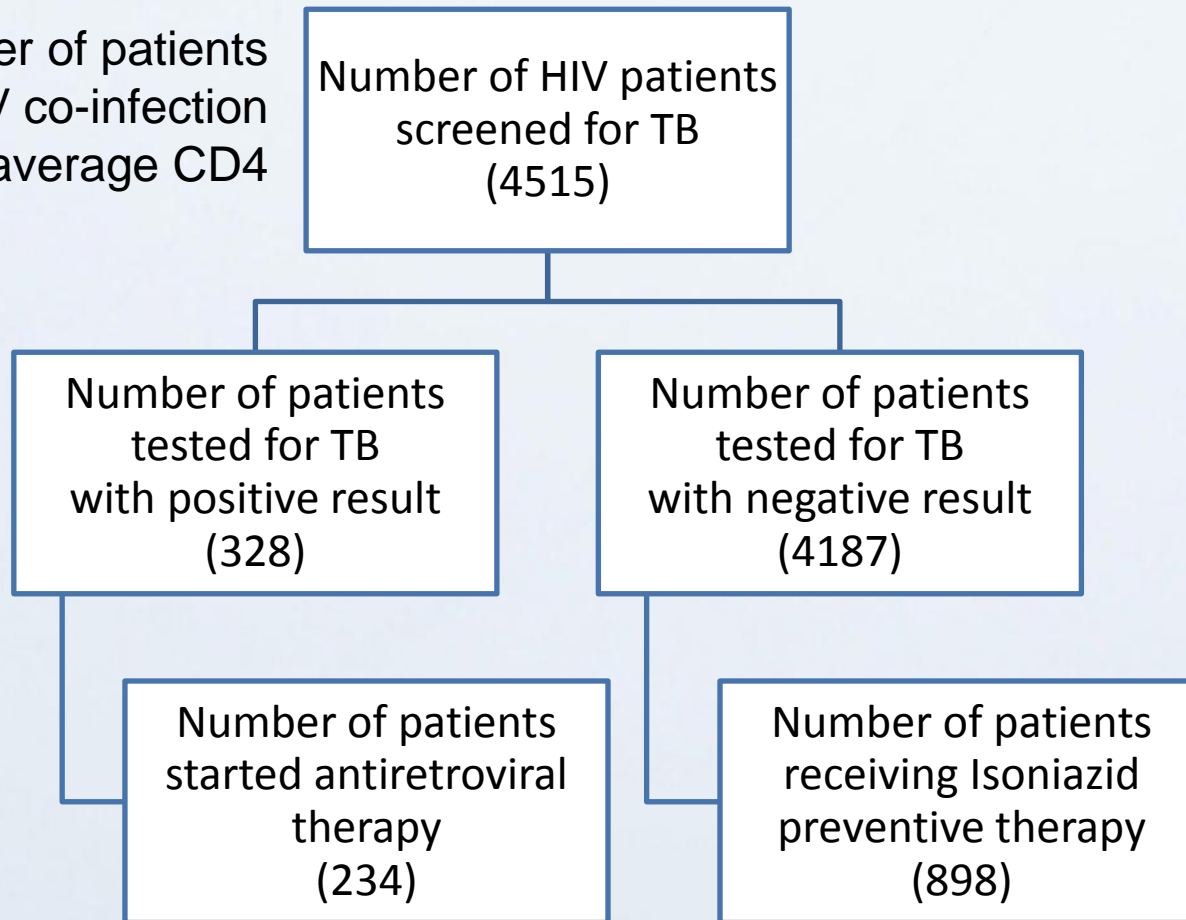
Statistics on TB screening with GeneXpert at Tashkent City AIDS Centre by year

■ Total Screened ■ MTB+ ■ Rif R(-) ■ Rif R(+)



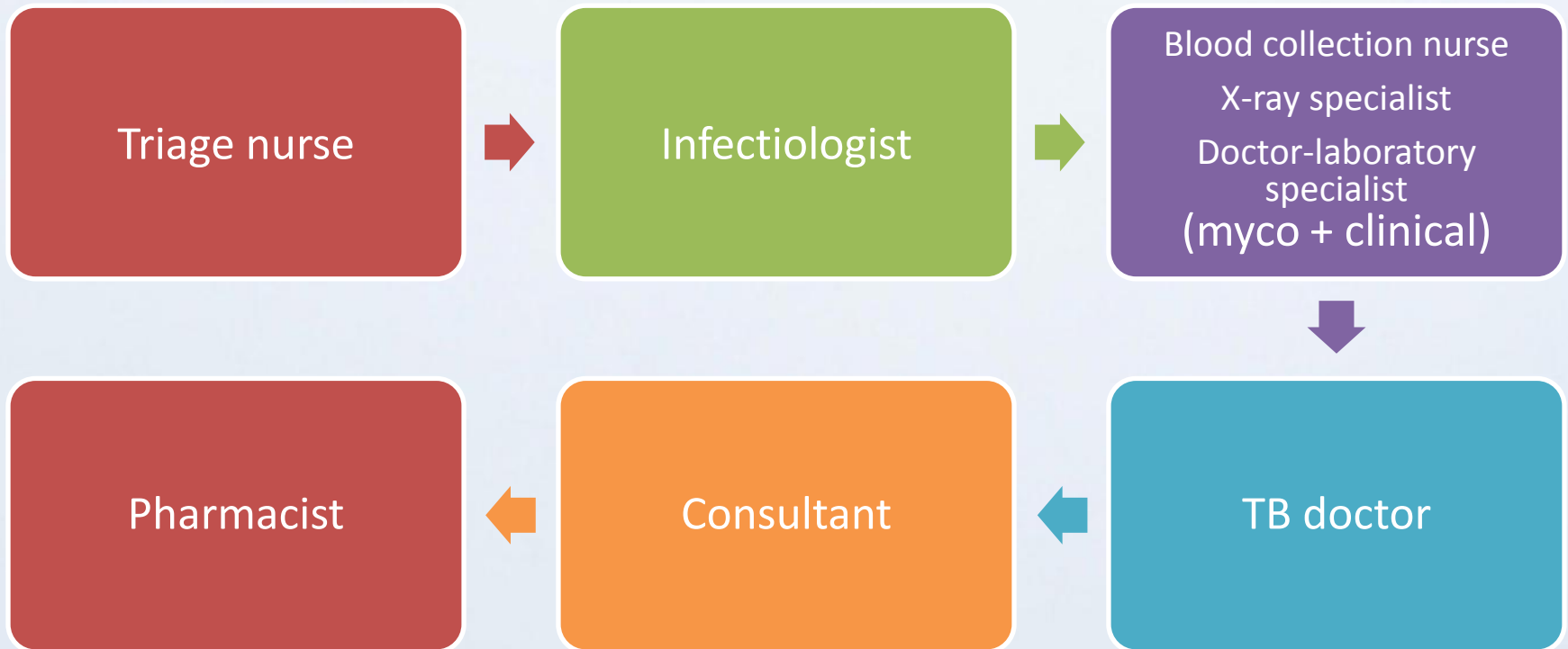
TB/HIV medical services at TCAC in January–September 2017

- Number of patients with TB/HIV co-infection average CD4



Model: “One-stop shop” services

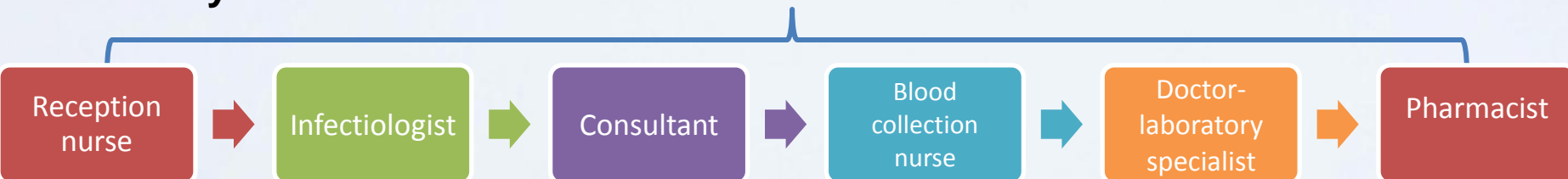
All procedures are provided at the same facility and at the same day



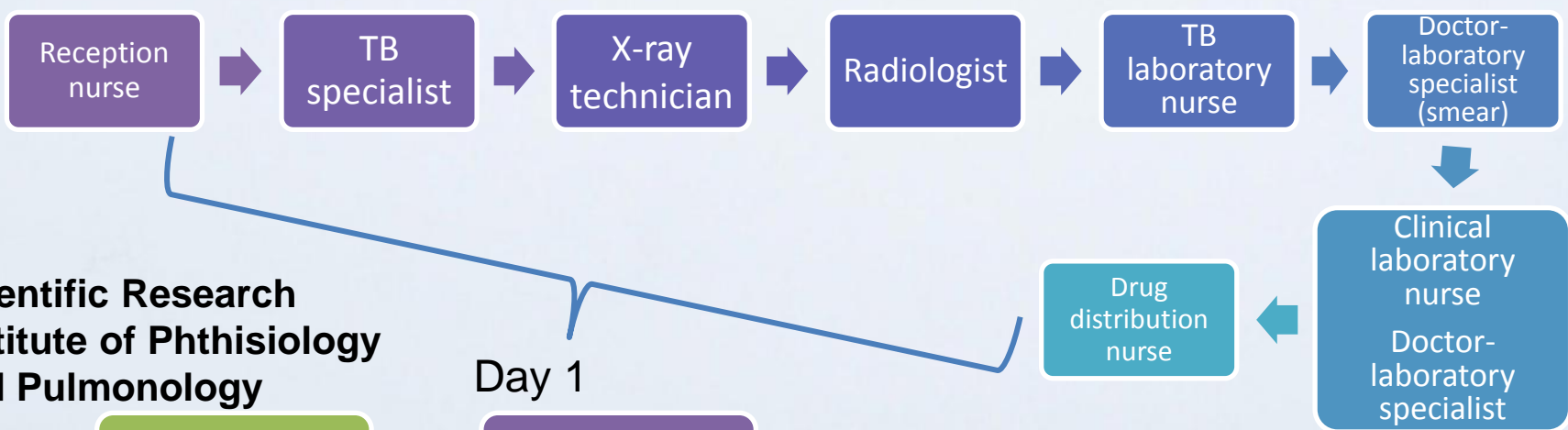
Vertical model

HIV Facility

Day 1



TB Dispensary



Scientific Research Institute of Phthisiology and Pulmonology

Day 1



Achievements

- TB diagnostic tools at AIDS Centre
- UV light for infection control
- TB doctor at AIDS Centre
- Laboratory personnel trained to perform GeneXpert tests
- Improved health education on TB in HIV facility through distribution of TB brochures
- TB/HIV communication form
- Increased TB case detection among HIV patients

Challenges

- Triage of patients presenting with cough
- Patients are unwilling to wear surgical masks
- Challenges with creating backups of digital X-ray equipment

TB Doctor Room



X-Ray Technician Room



X-RAY ROOM

