

# 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 1<sup>st</sup> question  
2. NO to the 1<sup>st</sup> 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

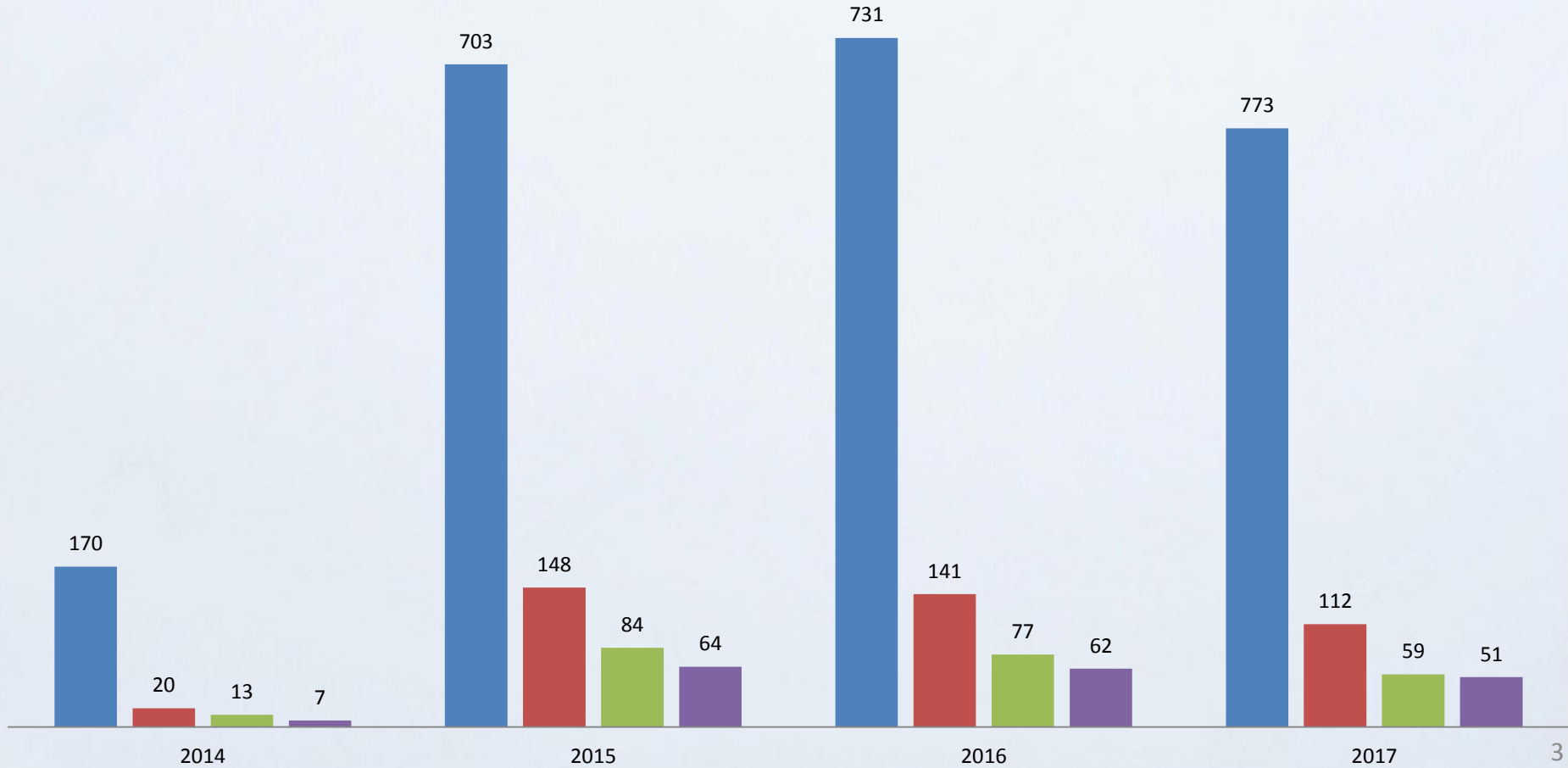
If the patient has one of the following:  
AFB smear+ or GeneXpert MTB+  
• Suggest clinical assessment of X-ray  
results  
• Refer the patient to TB doctor

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

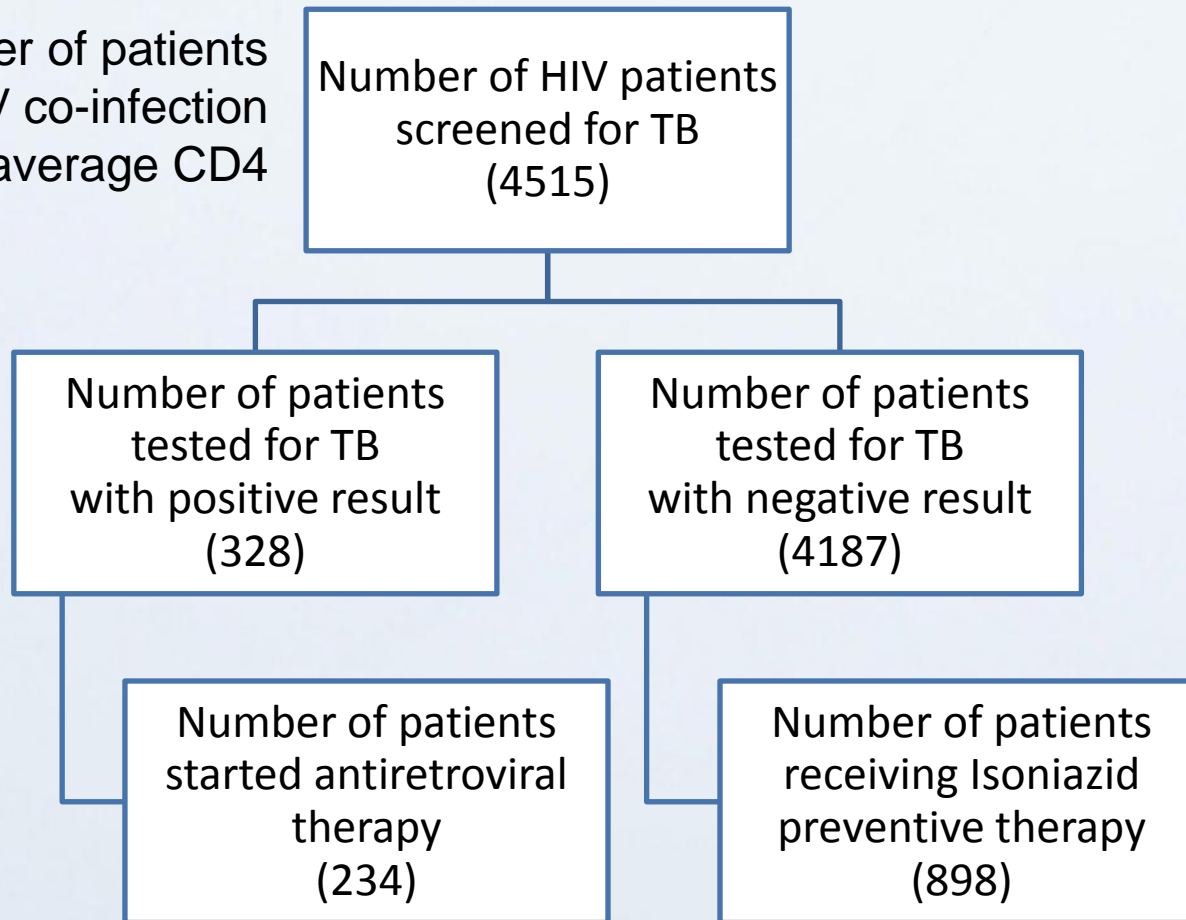
# Statistics on TB screening with GeneXpert at Tashkent City AIDS Centre by year

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



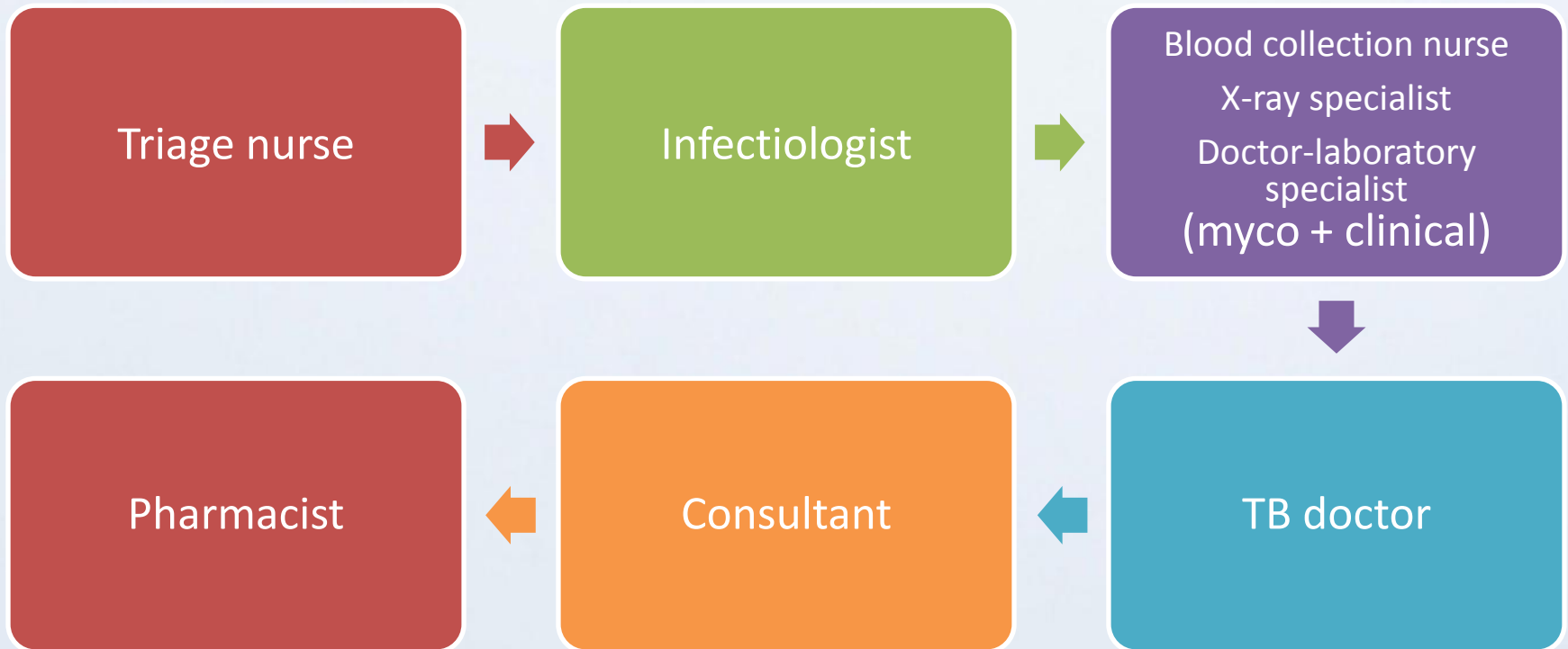
# TB/HIV medical services at TCAC in January–September 2017

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



# Model: “One-stop shop” services

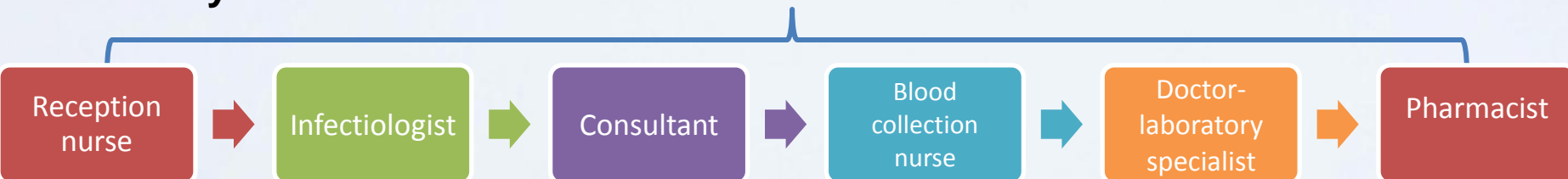
All procedures are provided at the same facility and at the same day



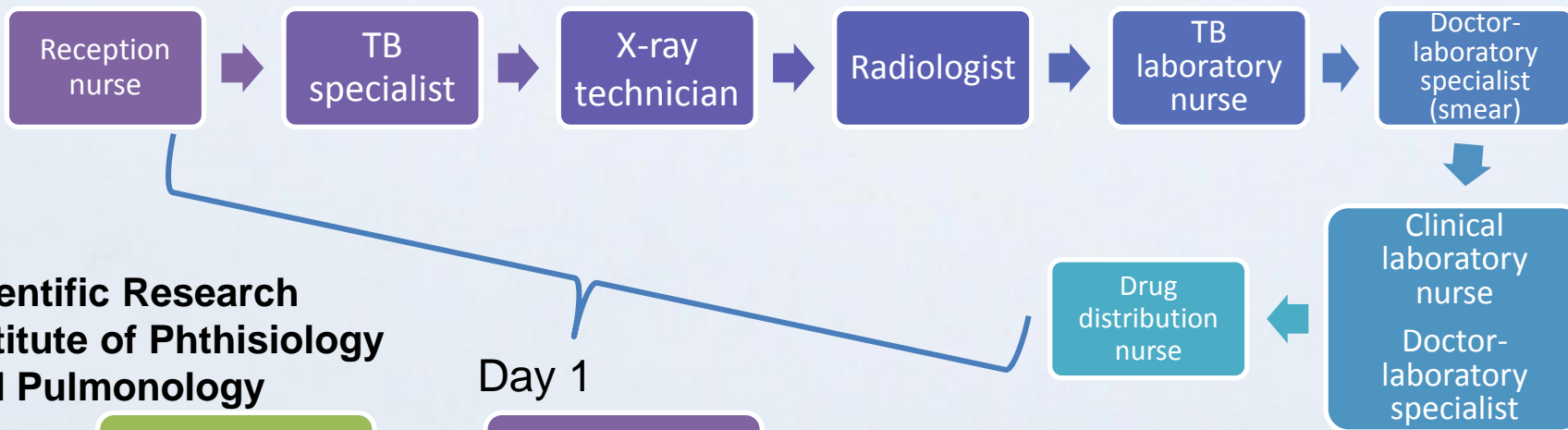
# Vertical model

## HIV Facility

Day 1

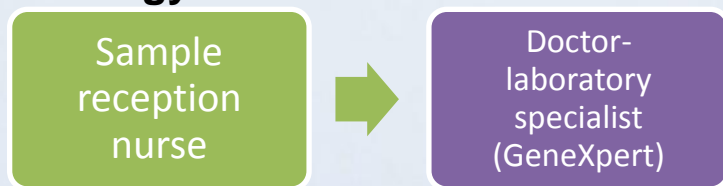


## TB Dispensary



## 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

