

ICF/IPT project

(Project code 2/53-394)

23 July 2010

TB screening and diagnosis

“ICF/IPT”

- ❑ WHO, 2 of 3 I's for TB/HIV
- ❑ ICF = Intensified case finding
- ❑ IPT = Isoniazid preventive therapy

Deviation of TB screening question

National

1. Cough greater than 2 weeks
2. Fever in the past 2 weeks
3. Weight loss >5%
4. Abnormal night sweats
5. Lymphadenopathy > 2cms

Proposed

1. Any cough in the previous 4 weeks
2. Any fever in the previous 4 weeks
3. Drenching night sweats lasting for 3 or more weeks in previous 4 weeks

Objective

General objective

- To evaluate the feasibility of using new algorithm for tuberculosis screening and diagnosis in people with HIV.

Specific objectives

- To evaluate the implementation of a new, evidence-based approach to TB screening and diagnosis in people with HIV
- To Assess clinician beliefs and perspectives about the utility and performance of the new algorithm

Participation

- 7 Participating sites
- 9 supporting TB laboratory

Methodology

PART 1

Evaluation of routine programmatic implementation of a TB screening and diagnostic algorithm

PART 2

Health care workers perceptions about using the TB screening and diagnostic algorithm

Today, skip part II

Part I

Phase I: July 01, 2010 – June30, 2011
Enrollment period

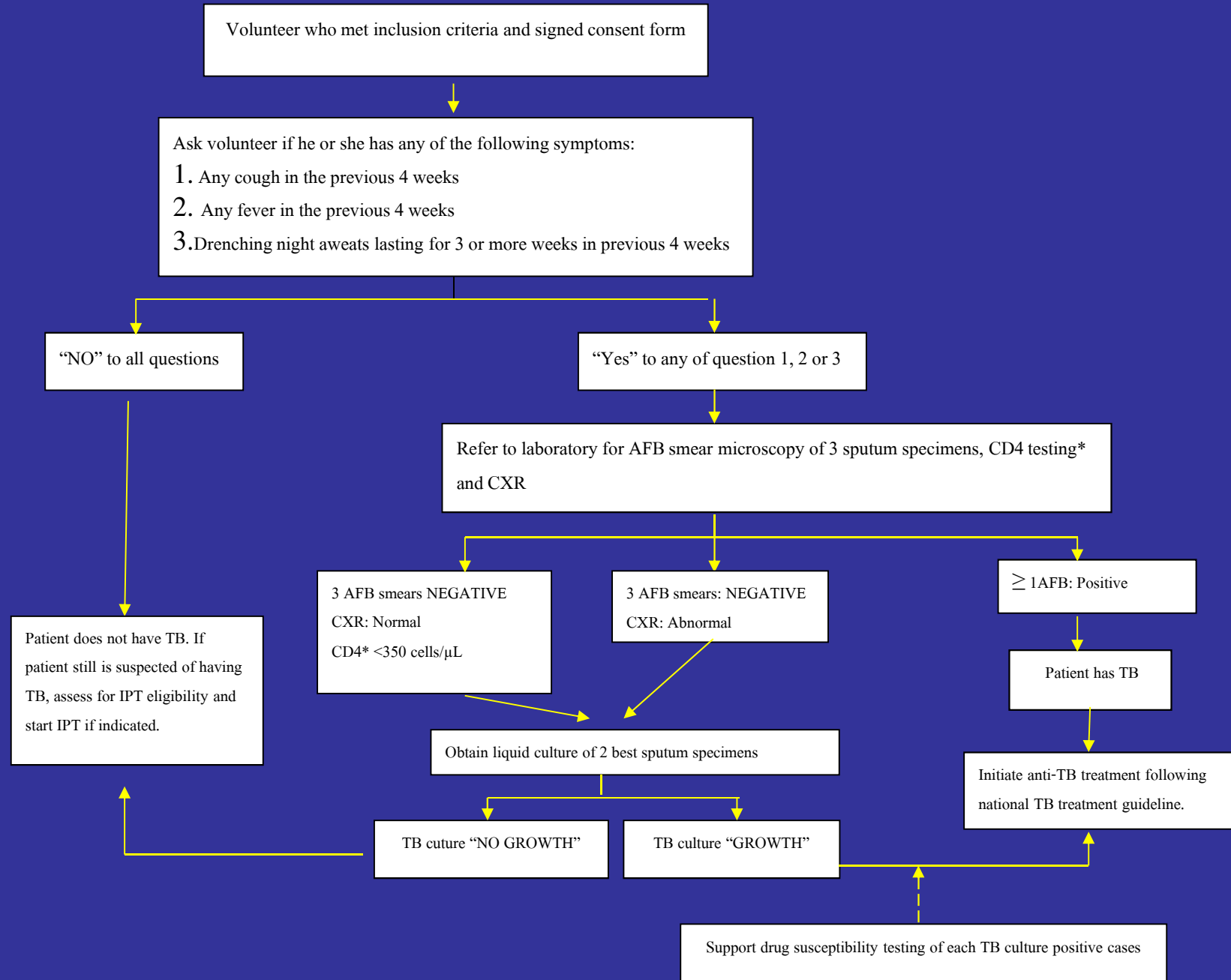
Phase II: July 01, 2011 – June 30, 2012
Follow up period

PART I

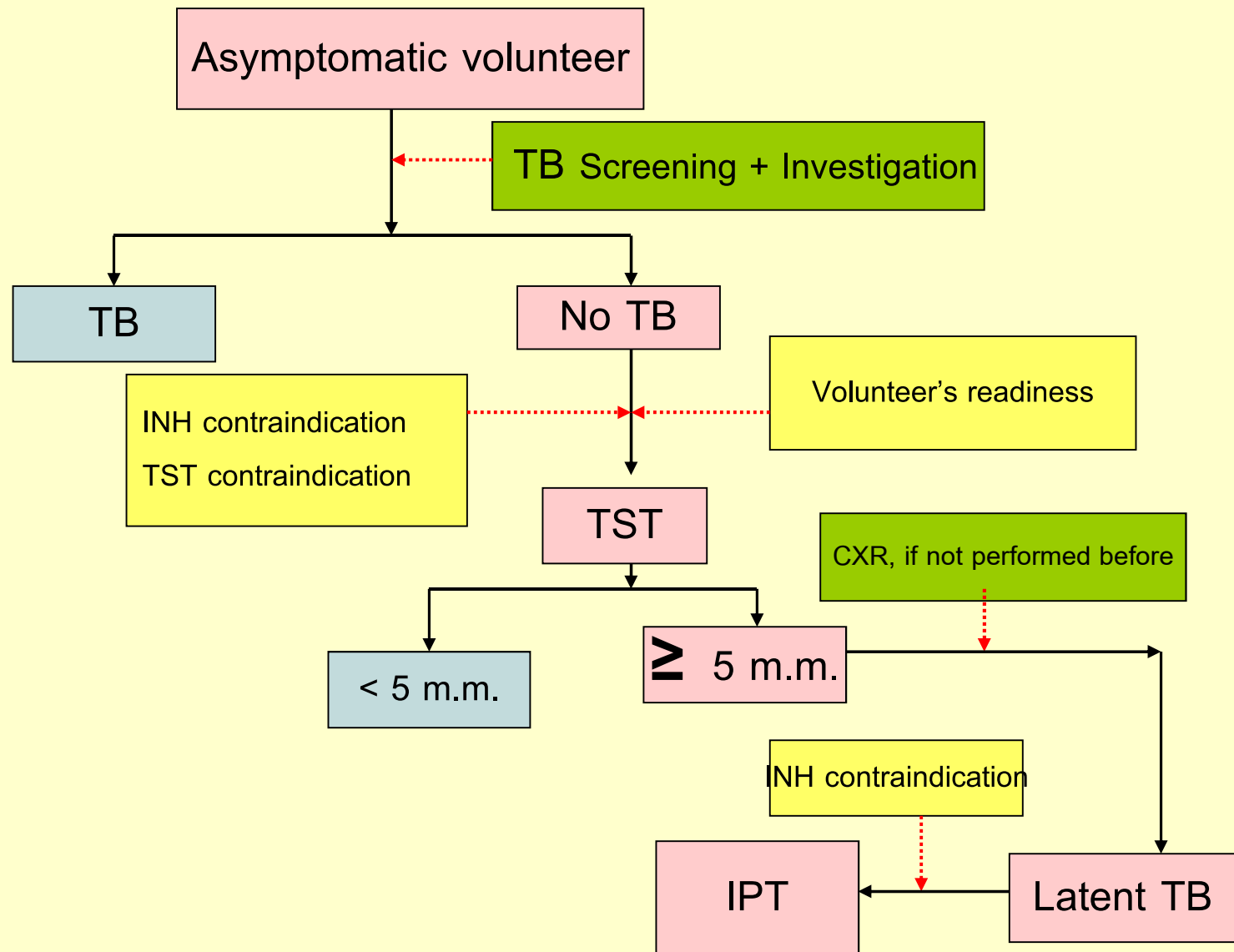
Study population

- Newly HIV infected patients who are presenting with lab report confirmation to a participating outpatient HIV care facility during July 01, 2010 to June30, 2011
- HIV patients aged at least 18 years old
- HIV patients have not yet initiated ART

Clinical Algorithm for Tuberculosis Screening in People with HIV



Diagnosis of Latent TB infection



Timeline of all activities

Activities		Time
Stakeholder meeting		April 2010
Focus group for Clinicians		May 2010
SOP training		June 2010
Questionnaire for Clinicians		July 2010
Enrollment of PLWH		July 2010
Supervision		Every 3 months
Follow up meeting		January 2011
Follow up meeting after 1-year enrollment		August 2011
Summary meeting: Preliminary report Lesson learned		August 2012

Acknowledgement

Taksin hospital	Chiang Rai regional hospital
Sanpatong hospital	Bhudhachinaraj hospital
Maesod hospital	Somdejprajaotaksinmaharaj hospital
Srisaket hospital	Vachira Phuket hospital
MaharajNakhonSiThammarat hospital	

PHO: Chiang rai, Ubonratchathani, Tak, Phuket, Chiang Mai,
Pitsanulok, Srisaket, Nakhon Si Thammarat

ODPC 7 Ubonratchathani	ODPC 9 Pitsanulok
ODPC 10 Chiang mai	ODPC 11 Nakhonsrithammarat

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