

Philippe Glaziou  
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# Revised TB case definitions

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# Option 1 – main case categories

Minimal changes to current case definitions

## Definite

- Culture-pos
- Smear-pos
- *WRD-pos*

## Case

- Definite AND
- Other cases put on tx

## Retreatment

- After default
- After failure
- Relapse

# Option 2 – main case categories

## First and recurrent episodes

### Confirmed

- Culture-pos  
OR
- WRD-pos

### Probable

- Smear-pos

### Possible

- Others put  
on tx

### Treatment change

- After  
interruption
- After failure

# Option 3 – main case categories

First and recurrent episodes

## Confirmed

- Culture-pos  
OR
- WRD-pos  
OR
- Smear-pos

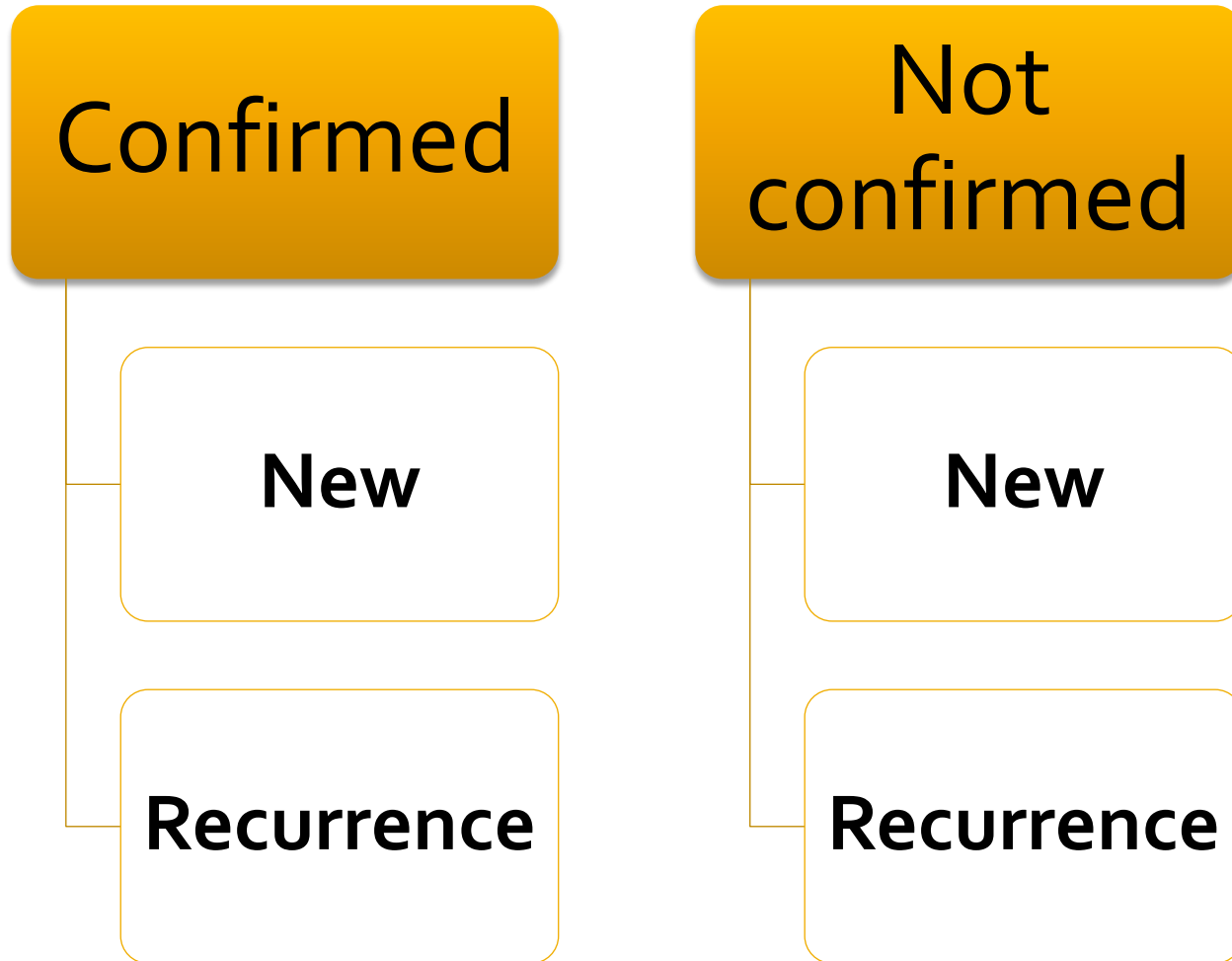
## Not confirmed

- Others put on tx

## Treatment change

- After interruption
- After failure

# Option 3 – sub categories



# Confirmed + not confirmed subcategories

	0-4	5-14	15-49	50+
Male				
Female				

Tested for HIV	HIV+	ART

# Treatment changed subcategories

<b>Confirmed</b>	<b>Not confirmed</b>

# Complexity of case categories

	Core case categories	Core sub-categories
Option 1	7	53
Option 2	5	37
Option 3	3	17



# Option 2 – outcomes non-MDR

Cured

- Tx completed, no sign of active disease, smear neg at 5 months AND
- Did not require tx change due to clinical deterioration or lack of bacteriological success

Failed

- Signs of active disease OR smear-pos at 5 months OR
- Required tx change due to clinical deterioration or lack of bacteriological success

Interrupted

- Interruption > 2 months without medical approval

Died

Not evaluated

# Updated MDR definitions

## CONFIRMED MDR

- DST showing resistance to rifampicin and isoniazid

## PROBABLE MDR

- WRD-pos in a patient with high risk of harbouring MDR strains

# Option 2 – outcomes MDR

Cured

- Tx completed, no sign of active disease, bacteriological success  
AND
- did not require tx change due to clinical deterioration or lack of bacteriological success

Failed

- Signs of active disease or lack of bacteriological success  
OR
- Required tx change due to clinical deterioration or lack of bacteriological success

Interrupted

- Interruption > 2 months without medical approval

Died

Not evaluated

# Option 2 ... outcomes subcategories

## NON-MDR

- New episodes (incl. recurrences) vs treatment changed
- HIV
- *Sex\**
- *Children\**

## MDR

- XDR
- HIV
- *Sex\**
- *Children\**

\* If case-based or patient-based electronic recording and reporting in place

# Complexity of treatment outcomes

	Core categories	Sub-categories (+ men, women, children)
<b>Option 1</b>		
non-MDR	7	40 (58)
MDR	7	21 (42)
<b>Options 2, 3</b>		
non-MDR	5	15 (30)
MDR	5	15 (30)