

A. PATIENT DETAILS

CIDR EVENT ID

HSE ID

HSE area County CCA DED name/code

Patient forename Patient surname

Patient address Phone

School/college address Hospital name

Work address Hospital number

Treating Physician

First notified by: Laboratory Occupational Health GP
 Public Health Hospital clinician Other

If other notification source, please specify:

B. SOCIODEMOGRAPHIC DETAILS

Sex: Male Female

Date of Birth Age (years)

Current employment status: Paid employment Retired
 Housewife/husband Student
 Unemployed Other

Current living status: Home (private/rented) Hostel
 B&B/hotel Prison
 Homeless Institution
 Other (please specify):

Country of birth: Ireland Other (please specify):

If born outside Ireland, year of entry into Ireland:

Race or ethnic group: Black South Asian descent
 White East/south east Asian descent
 Irish Traveller Other (please specify):

Roma

Country of birth of parent/guardian: Ireland Other (please specify):

Current/most recent occupation (within last 2 years):

Refugee / asylum seeker: Yes No Unk

C. CLINICAL DETAILS

Symptomatic: Yes No

Date of onset of symptoms

Date diagnosed

Date of notification

Date treatment commenced

Date contact tracing commenced

Diagnosis (tick one only): Pulmonary Extrapulmonary
 Pulmonary & Extrapulmonary (P+E)

If Extrapulmonary or P+E, please specify site(s):
 EP site 1
 EP site 2

Chest x-ray: Active Cavitory TB Pleural Normal
 Active Non-cavitory TB Inactive/Old TB Not done
 Other

If other X-ray result, please specify:

CT thorax: Abnormal with cavitation Normal Other CT result
 Abnormal without cavitation Not done Unknown

If other CT result, please specify:

Was this case hospitalised due to TB? Yes No Unk

Treated with bedaquiline: Yes No Unk

Treated with delamanid: Yes No Unk

Treated with pretomanid: Yes No Unk

Treated with shorter MDR-TB treatment regimens: Yes No Unk

This case was found by: Presenting as case Post-mortem diagnosis
 Contact tracing Pre-employment screening
 Immigrant screening Other (please specify):

Did this case previously undergo TB screening in Ireland? Yes No Unk

If yes, please specify:

Previous history of TB (specify below):
 (a) Previous year of diagnosis: Yes No Unk
 (b) Previous treatment (>1 month): Yes No Unk
 (c) Previous treatment completed: Yes No Unk

History of BCG vaccination: Yes No Unk

If yes, year of BCG vaccination:

BCG scar present: Yes No Unk

Risk factors present (specify below):
 Anti-TNF treatment: Yes No Unk
 Other immunosuppressive medication: Yes No Unk
 Immunosuppressive illness: Yes No Unk
 Diabetes: Yes No Unk
 Born in country of high endemicity: Yes No Unk
 Residence in country of high endemicity: Yes No Unk
 Contact of case: Yes No Unk
 Alcohol misuse: Yes No Unk
 Drug misuse: Yes No Unk

If other/additional risk factors present (please specify):

Immune code: Positive Negative Unk

Is this case currently on ARV* treatment? Yes No Unk

Is this case linked to an outbreak? Yes No Unk

If YES, please specify outbreak code:

D. DIAGNOSTIC DETAILS

Direct sputum microscopy (DSM)

(a) 1st DSM result

Positive
 Negative
 Not done

(b) 2nd DSM result

Positive
 Negative
 Not done

1st DSM date:

2nd DSM date:

Microscopy of other specimens (e.g. BAL, gastric washings etc)

(a) 1st microscopy result

Positive
 Negative
 Not done

(b) 2nd microscopy result

Positive
 Negative
 Not done

1st microscopy date:

2nd microscopy date:

1st microscopy specimen type

2nd microscopy specimen type

Histology

Positive Negative Not done

Histology specimen site

Culture results

(a) 1st Culture result

Culture positive
Culture negative
Not done

(b) 2nd Culture result

Culture positive
Culture negative
Not done

1st Culture specimen type

2nd Culture specimen type

1st Culture specimen site

2nd Culture specimen site

Mycobacterium tuberculosis complex (MTC) isolated?

Yes No Unk

If YES, please tick species identified (1 species only)

M. tuberculosis *M. africanum* *M. caprae*
 M. bovis *M. canetti* *M. microti*

**Drug sensitivities (R= res, S= sens, ND= not done)
(Please fill for each drug used)**

1 st line drugs	S	R	ND
Isoniazid	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Rifampicin	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Ethambutol	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Pyrazinamide	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Streptomycin	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Sensitivity/ resistance pattern (tick 1 only)

	Yes	No	Unk
Parasensitive	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
MDR-TB	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
XDR-TB	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
RR-TB	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Poly resistant non-MDR	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Pre XDR-TB	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Nucleic acid amplification test (e.g. PCR)

Positive for MTC Negative for MTC PCR not done

If positive, were genetic resistance determinants to the following drugs detected:

Isoniazid Detected Not detected Inferred Not tested
Rifampicin Detected Not detected Inferred Not tested

Genotyping

Yes No Unk

MTC sub-lineage

Cluster identifier

E. OUTCOME DETAILS

Laboratory results : (Pulmonary cases ONLY):

	Direct Sputum microscopy				Culture			
	Pos	Neg	Not done	Sputum N/A	Pos	Neg	Not done	Sputum N/A
During treatment (at least 2 months)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Treatment end	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Treatment Outcome (at 12 months)

Completed-Microbiological clearance demonstrated
Completed-No microbiological clearance demonstrated
Completed-No microbiological evidence available
Still on treatment
Interrupted
Lost to follow up
Transferred
Died
Treatment not started

Treatment Outcome for MDR TB (at 24 months)

Completed-Microbiological clearance demonstrated
Completed-No microbiological clearance demonstrated
Completed-No microbiological evidence available
Still on treatment
Interrupted
Lost to follow up
Transferred
Died
Treatment not started

Treatment Outcome for XDR TB (at 36 months)

Completed-Microbiological clearance demonstrated
Completed-No microbiological clearance demonstrated
Completed-No microbiological evidence available
Still on treatment
Interrupted
Lost to follow up
Transferred
Died
Treatment not started

Did drug resistance develop during treatment? Yes No Unk

If YES: MDR XDR Other resistance

If other resistance, please specify: _____

DOTS recommended? Yes No Unk

DOTS commenced? Yes No Unk

DOTS successful? Yes No Unk

If treatment completed, date of completion

If deceased, was TB the direct cause?

Yes No Unk

If deceased, date of death

Case denotified (i.e. was diagnosis changed?)

Yes No Unk

If YES, please specify new diagnosis

Case classification (tick 1 only):

Possible Probable Confirmed

EU Case Definition for TB

Irish standardised case definitions for notification of a TB case:

under S.I. No. 452/2011 Infectious Diseases (Amendment) Regulations 2011

Tuberculosis (*Mycobacterium tuberculosis* complex including; *M. africanum*, *M. bovis*, *M. canetti*, *M. caprae*, *M. microti*, *M. pinnipedii* and *M. tuberculosis*)

Clinical Criteria - Any person with:

- Signs, symptoms and/or radiological findings consistent with active tuberculosis in any site
- AND**
- A clinician's decision to treat the person with a full course of anti-tuberculosis therapy

OR

- A case discovered post-mortem with pathological findings consistent with active tuberculosis that would have indicated anti-tuberculosis antibiotic treatment had the patient been diagnosed before dying

Possible case - A person meeting the clinical criteria without laboratory confirmation

Probable case - A person meeting the clinical criteria with at least one of the following:

- Microscopy positive for acid-fast bacilli or equivalent fluorescent staining bacilli on light microscopy

OR

- Detection of *Mycobacterium tuberculosis* complex nucleic acid in a clinical specimen

OR

- Histological appearance of granulomata

Confirmed case - A person meeting the clinical criteria with:

- Detection of *M. tuberculosis* complex nucleic acid in a clinical specimen

AND

- Positive microscopy for acid-fast bacilli or equivalent fluorescent staining bacilli on light microscopy

OR

- Isolation of *M. tuberculosis* complex (excluding *M. bovis*-BCG) from a clinical specimen

Abbreviations:

***ARV treatment:** Anti-retroviral treatment