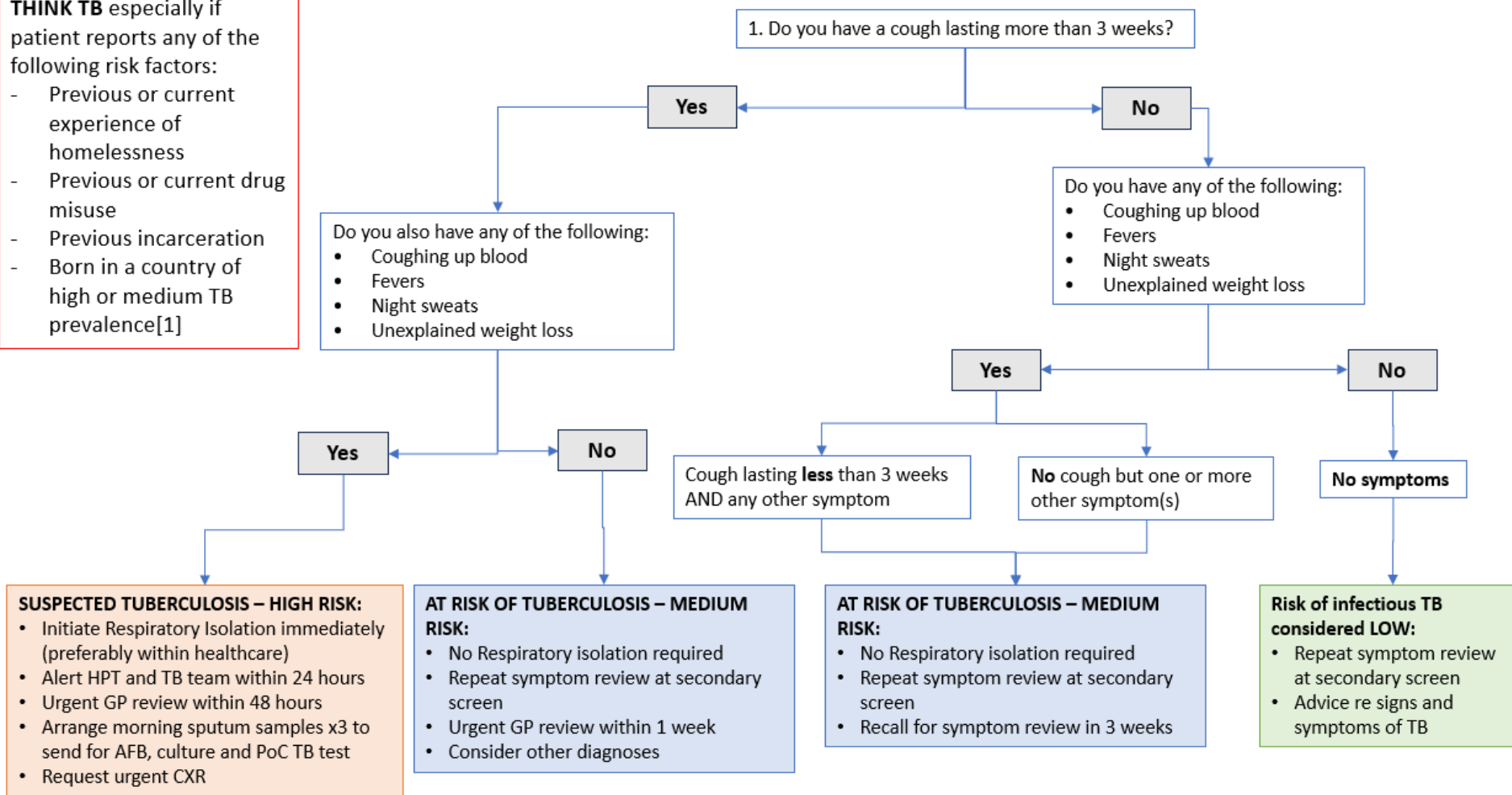




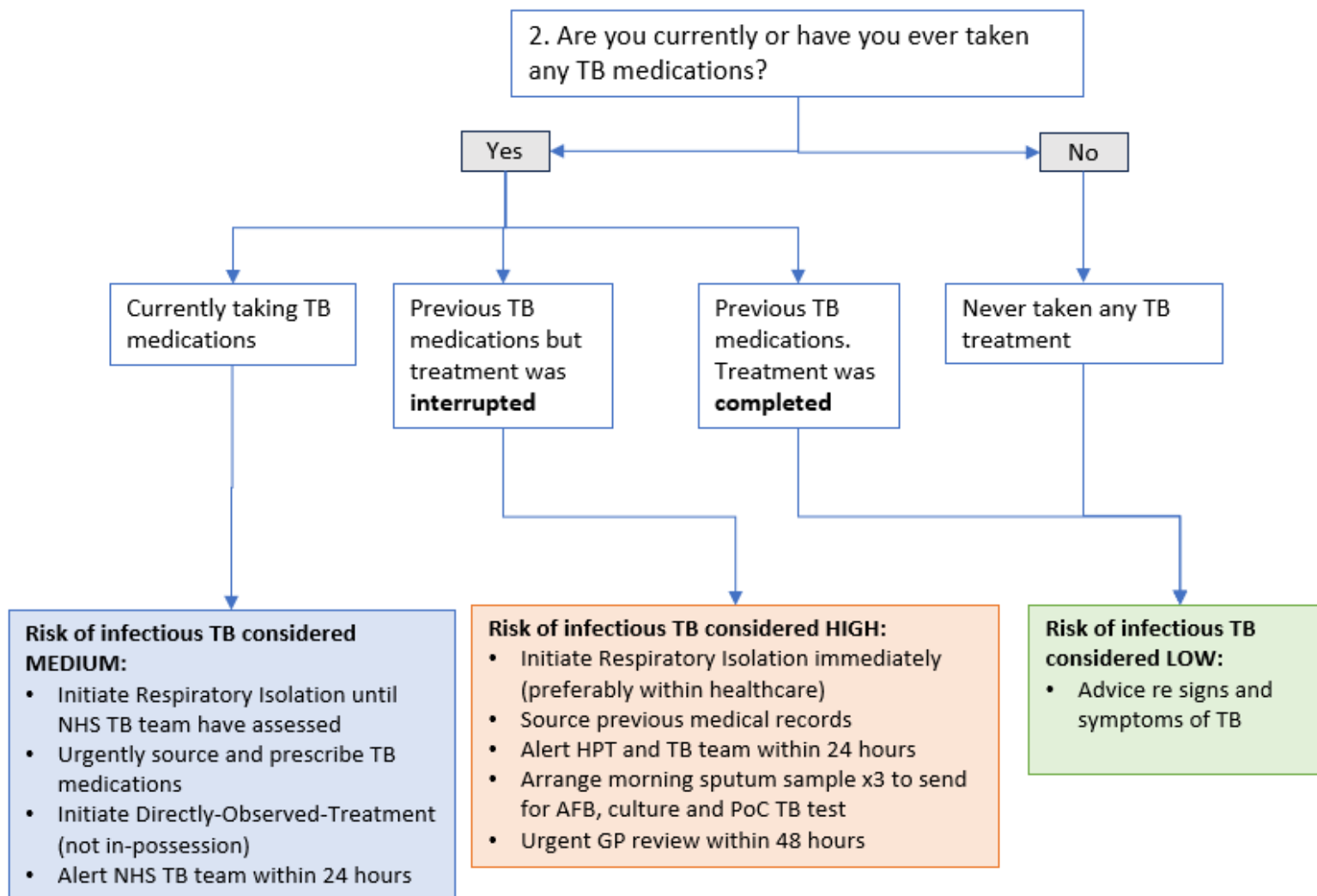
Appendix 5: Reception screening algorithm and outcomes

THINK TB especially if patient reports any of the following risk factors:

- Previous or current experience of homelessness
- Previous or current drug misuse
- Previous incarceration
- Born in a country of high or medium TB prevalence[1]



[1] High (>150 per 100k) and Medium (>40 per 100k) prevalence country for TB; The WHO TB burden estimates are available as CSV files from the WHO webpage www.who.int/teams/global-tuberculosis-programme/data (towards bottom) then find country, latest year of data, and estimate incidence per 100,000 'e_inc_100k'.



Appendix 5: Reception screening algorithm and outcomes- alt text

A workflow diagram describing the Reception Screening algorithm and outcomes

First box (highlighted in orange outline):

THINK TB especially if patient reports any of the following risk factors:

Previous or current experience of homelessness

Previous or current drug misuse

Previous incarceration

Born in a country of high or medium TB prevalence*

The main flow diagram starts with:

Q1. Do you have a cough lasting more than 3 weeks?

If YES to Q1.

Then ask:

Q1a. Do you also have any of the following:

Coughing up blood

Fevers

Night sweats

Unexplained weight loss

If YES to Q1a.

Outcome: SUSPECTED TUBERCULOSIS - HIGH RISK:

Initiate Respiratory Isolation immediately (preferably within healthcare)

Alert HPT and TB team within 24 hours

Urgent GP review within 48 hours

Arrange morning sputum samples x3 to send for AFB, culture and PoC TB test

Request urgent CXR

If No to Q1a.

OUTCOME: AT RISK OF TUBERCULOSIS - MEDIUM RISK:

No Respiratory isolation required

Repeat symptom review at secondary screen

Urgent GP review within 1 week

Consider other diagnoses

If No to Q1.

Ask Q1b. Do you have any of the following:

Coughing up blood

Fevers

Night sweats

Unexplained weight loss

If YES to Q1b.

If Cough lasting less than 3 weeks AND any other symptom:

OR If No cough but one or more other symptom(s)

OUTCOME: AT RISK OF TUBERCULOSIS - MEDIUM RISK:

No Respiratory isolation required

Repeat symptom review at secondary screen

Recall for symptom review in 3 weeks

If No to Q1b.

No symptoms

OUTCOME: Risk of infectious TB considered LOW

Repeat symptom review at secondary screen

Advice re signs and symptoms of TB

Q2 Are you currently or have you ever taken any TB medications?

If YES to Q2:

Outcome 2a) Currently taking TB medications

Then Risk of infectious TB considered MEDIUM:

- Initiate Respiratory Isolation until NHS TB team have assessed
- Urgently source and prescribe TB medications
- Initiate Directly-Observed-Treatment (not in-possession)
- Alert NHS TB team within 24 hours

Outcome 2b) Previous TB medications but treatment was interrupted

Then Risk of infectious TB considered HIGH:

- Initiate Respiratory Isolation immediately (preferably within healthcare)
- Source previous medical records
- Alert HPT and TB team within 24 hours
- Arrange morning sputum sample x3 to send for AFB, culture and PoC TB test
- Urgent GP review within 48 hours

Outcome 2c) Previous TB medications. Treatment was completed.

Then Risk of infectious TB considered LOW:

- Advice re signs and symptoms of TB

If NO to Q2.

Never taken any TB treatment

Outcome 2c) as above

Then Risk of infectious TB considered LOW:

- Advice re signs and symptoms of TB