

### Derivation cohort

5187 Patients confirmed with TB referred in Ningbo No.2 Hospital between July 2011 to December 2015

2021 excluded:  
54 younger than 16 yr;  
754 receiving anti-TB therapy before admission;  
912 in which anti-TB therapy did not include rifampicin,isoniazid or pyrazinamide;  
55 with tumors, renal transplantation or other severe extra-hepatic co-morbidities;  
252 with incomplete data or lost to follow up.

3166 cases included

2985 without DILI during anti-TB therapy

170 developed DILI during anti-TB therapy

143 with Mild-DILI

27 with Moderate to Severe-DILI

3 patients died

### Validation cohort

2350 patients confirmed with TB referred in Ningbo No.2 Hospital between January 2016 to December 2017

847 excluded:  
20 younger than 16 yr;  
316 receiving anti-TB therapy before admission;  
439 in which anti-TB therapy did not include rifampicin,isoniazid or pyrazinamide;  
22 with tumors, renal transplantation or other severe extra-hepatic co-morbidities;  
12 with incomplete data or lost to follow up;  
38 patients refused to sign informed content.

1503 cases included

1412 without DILI during anti-TB therapy

85 developed DILI during anti-TB therapy

75 with Mild-DILI

10 with Moderate to Severe-DILI

1 patients died

