

Supplemental Table 1: Literature search strategy

	PubMed	Embase
Search Set		
1	Post mortem or autopsy or necropsy or AUTOPSY	AUTOPSY
2	hiv or human immunodeficiency virus or aids or HIV or HIV INFECTIONS	HUMAN IMMUNODEFICIENCY VIRUS INFECTION or HUMAN IMMUNODEFICIENCY VIRUS or ACQUIRED IMMUNE DEFICIENCY SYNDROME
3	tb or tuberculosis or TUBERCULOSIS or MYCOBACTERIUM TUBERCULOSIS or MYCOBACTERIUM AVIUM-INTRACELLULARE INFECTION OR MYCOBACTERIUM AVIUM COMPLEX	tb or TUBERCULOSIS or ATYPICAL MYCOBACTERIUM or ATYPICAL MYCOBACTERIOSIS or MYCOBACTERIUM AVIUM COMPLEX
4	africa or sub saharan africa or africa of the south OR AFRICA	AFRICA
5	Sets 1 to 4 are combined with “and”	Sets 1 to 4 are combined with “and”

Capital letters represent MeSH terms.

Supplemental Table 2: Quality assessment checklist

QUALITY ASSESSMENT CHECKLIST			
Selection of study participants	Risk of Bias		
Study describes that general hospital admissions were invited to participate (i.e. not restricted to speciality-specific ward admissions)	Yes	No	Unclear
Study describes that <i>consecutive</i> deaths were invited to participate	Yes	No	Unclear
Study describes selection procedure and criteria for inclusion / exclusion	Yes	No	Unclear
Assessment	Risk of Bias		
Study describes characteristics of subjects including age	Yes	No	Unclear
Study describes type of autopsy performed	Yes	No	Unclear
Study describes that >1 organ was autopsied	Yes	No	Unclear
Study describes that full autopsy (including chest, abdomen & brain) was performed	Yes	No	Unclear
Study describes method of confirming TB or NTM at autopsy	Yes	No	Unclear
Study describes that TB diagnosed at autopsy was confirmed by culture (in at least a subset of cases)	Yes	No	Unclear
Study describes that NTM diagnosed at autopsy was confirmed by culture (in at least a subset of cases)	Yes	No	Unclear
Quality	High/medium/low*		

*Studies were considered 'high quality' if they scored at least 70% of points, 'medium quality' if they scored 40–69% of points, and 'low quality' if they scored below 40% of points. 1 point was given if the study met the quality assessment question, 0.5 point was given if the study was unclear, and 0 point was given if the study did not meet the quality assessment question.

