

## Supplementary material

**Supplementary Table 1** The International Classification of Diseases, 10th revision, (ICD-10) diagnostic and procedural codes used to generate search results

<i>Clostridioides difficile</i> colitis	A04.7
Sepsis	R65.10, R65.11, R65.20
Shock	R65.21; R57.1; R57.8; R57.9
Acute kidney injury	N17.0; N17.1; N17.2; N17.8; N17.9
Mechanical ventilation (A)	5A1935Z; 5A1945Z; 5A1955Z
Vasopressor use (B)	3E030XZ; 3E033XZ; 3E040XZ; 3E043XZ; 3E050XZ; 3E053XZ; 3E060XZ; 3E063XZ
Liver cirrhosis	K70.3; K70.30; K70.31; K74.3; K74.4; K74.5; K74.6; K74.60; K74.69; K76.6; K76.7; K76.81; K72.1; K72.10; K72.11; I85.0; I85.00; I85.01; C22.0; C22.8; K65.2; K72.10; K72.11; I86.4; I85.01; I85.11
Portal hypertension	K70.31; K76.6; K76.7; K76.81; I85.0; I85.00; I85.01; I86.4; I85.01; K65.2

A+B, intensive care unit admission