

Detailed Search Strategy

1: (sepsis or septic or infection or (bacteraemi* or bacteremi* or bacteria)).mp. [mp=title, abstract, original title, name of substance word, subject heading word, keyword heading word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms]

2: (metformin or biguanide or antihyperglycemic).mp. [mp=title, abstract, original title, name of substance word, subject heading word, keyword heading word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms]

3: ("organ dysfunction" or "organ failure").mp. [mp=title, abstract, original title, name of substance word, subject heading word, keyword heading word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms]

4: (survival or survive or (mortality or dead)).mp. [mp=title, abstract, original title, name of substance word, subject heading word, keyword heading word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms]

5: 1 and 2

6: 3 or 4

7: 5 and 6

Supplementary Figure 1 Detailed search strategy