

Supplement Table 39. Literature search strategy for KQ16: micronutrient and antioxidant supplementation in critically ill adult patients

Category	Search terms
Database	PubMed, Cochrane library, Embase, KoreaMed
Population	(“critically ill” OR “critical care” OR “intensive care” OR “intensive care unit” OR ICU)
Intervention	Micronutrients OR trace elements OR vitamins OR antioxidants OR vitamin C OR vitamin D OR vitamin A OR vitamin E OR thiamine OR zine OR selenium
Comparator	Placebo or standard care
Outcomes	Mortality (ICU, hospital, 28/30 days), infections (nosocomial infection, blood stream infection, pneumonia/ventilator associated pneumonia, acute kidney injury, renal replacement therapy, ICU/hospital length of stay, mechanical ventilation, SOFA
Language	English or Korean
Search period	2010.01.01 ~ 2025.02.28

