

Low versus standard calorie and protein feeding in ventilated adults with shock

PRAGMATIC, RANDOMISED, CONTROLLED, MULTICENTRE, OPEN-LABEL, PARALLEL-GROUP TRIAL

Does early calorie and protein restriction improve outcomes in the acute phase of severe critical illness, compared with standard calorie and protein targets.





AD -1.5%, 95% CI -5.0 to 2.0; p=0.41

The low group had lower proportions of patients with vomiting (HR 0.77, 0.67 to 0.89; p<0.001), diarrhoea (0.83, 0.73 to 0.94; p=0.004), bowel ischaemia (0.50, 0.26 to 0.95; p=0.030), and liver dysfunction (0.92, 0.86–0.99; p=0.032)

Compared with standard calorie and protein targets, early calorie and protein restriction did not decrease mortality but was associated with faster recovery and fewer complications.

