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Socioeconomic Position and Health Outcomes Following Critical Illness

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Name of PI	David Griffith
Title of Paper	Socioeconomic Position and Health Outcomes Following Critical Illness: A Systematic Review
Abstract of paper	Objectives: Systematically review evidence examining association between pre-admission socioeconomic position (SEP) and physical function, health-related quality of life (HRQoL) and survival following critical illness. Data Sources: Four electronic databases (MEDLINE, EMBASE, CINAHL, CENTRAL) and personal libraries were searched. Reference lists of eligible articles were cross-checked. Study Selection: Primary quantitative studies reporting association between SEP and physical function, HRQoL or survival of adults admitted to the intensive care unit (ICU) were included. Data Extraction: Performed by two reviewers independently in duplicate using a pre-piloted data extraction form. Quality appraisal was completed by two reviewers independently in duplicate using standardised algorithms and checklists. The Preferred Reporting Items for Systematic Reviews guidelines were followed.

	Data Synthesis: From 1,799 records 10 studies were included, one examining association of SEP with HRQoL and five with survival. Four studies accounted for SEP in survival analyses. Patients with lower SEP were found to have: higher ICU, in-hospital, 30-day and long-term mortality and lower 6-month SF-12 mental component summary (SF-12 MCS) scores. No articles examined SEP and performance-based physical function. Notable variability in methods of SEP assessment were observed. Conclusions: Lower SEP is associated with higher mortality and lower 6-month SF-12 MCS scores following critical illness. Effect on performance-based physical function is unknown. We make recommendations for consistent SEP measurement in future ICU studies.
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Author's accepted peer reviewed manuscript	Please send to Ruth MacInnes Ruth.MacInnes@ed.ac.uk (Regardless of any funding; this is to comply with the REF OA Policy)
Open Access Information Payment PI's responsibility ** see below	GOLD OPEN ACCESS NO or GREEN OPEN ACCESS YES

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