

Category :**ICU organization**

**A281 - Models of care in geriatric intensive care (magic): a scoping review on the models of care for critically ill older adults**

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## **Introduction:**

The geriatric population admitted to critical care units is growing with the increasing age of the North American population. Geriatric ICU patients present unique challenges in terms of management due to their physiology and comorbidities. We aim to review models of care of geriatric population in critical care settings.

## **Methods:**

We conducted a scoping review on critically ill older adult hospitalized in critical care settings. Medline (PubMed), Embase (OvidSP), CINAHL (Ebsco) and Web of Science (Clarivate) were searched from inception to 28 August 2019, with a subsequent review of Pubmed made in May 2020. Nineteen articles were selected for the review.

## **Results:**

Four models of care could be extracted from this review: dedicated geriatric beds, geriatric assessment by geriatrician, geriatric assessment without geriatrician, and other models of care including checklists, bundles of care, and incremental education strategies. Because of an absence of comparative studies, the optimal model of care could not be identified through our review.

## **Conclusion:**

Four models of care with varying applicability and resource requirements were identified. Additional studies will be necessary to determine the optimal model of care.