

Paper Category:	Health Services
Paper Title: (Arial Font; 14 Pt Size)	Predictive and Prognostic values of the CGA and the G8 scores
Abstract Body: (Arial Font; 12Pt Size)	<ul style="list-style-type: none"> • Background • Objectives • Method • Results • Discussions and Conclusions
<p>(Maximum word limit - 300 words)</p> <p>Clinical assessments such as G8 and Complete Geriatric Assessment (CGA) can be used to both predict frailty and prognosticate patients to better guide management in older adults.</p> <p>This is a prospective study of older cancer patients ≥ 70 treated at National University Hospital, an academic tertiary hospital. A CGA and European Organisation for Research and Treatment of Cancer (EORTC) QLQ 30 was performed at study entry to identify areas of vulnerability. Interventions were then offered through the GO service (allied health, geriatricians, and oncologists). After three months, a follow-up EORTC was conducted. This study aims to evaluate the prognostic and predictive value of the G8 and CGA.</p> <p>A total of 230 patients were recruited. Median age was 74 (range:70-90). Majority were male (56%), married (65%), lived with family (60%), resided in subsidised public housing (80%). Most were diagnosed with gastrointestinal cancers (35%) and were receiving palliative intent treatment (60%). Based on CGA, 11% were classified as frail, 58% as pre-frail and 31% as fit. 79% had a $G8 \leq 14$.</p> <p>Patients who were classified as pre-frail/frail on the CGA, or those with $G8 \leq 14$, had lower scores on the Katz, Karnofsky Performance Scale (KPS), Lawton, EORTC function scores, but higher EORTC symptom scores ($p < 0.05$) compared to patients who were fit or with $G8 > 14$. They also had a significantly shorter overall survival (OS). Additionally, pre-frail and frail patients had significantly higher risk of hospital admissions and grade 3-5 treatment related toxicities compared to their fit counterparts.</p> <p>More than half of patients were identified to have a risk of frailty by either the CGA or the G8 scores. Those with a CGA status of pre-frail/frail or a $G8 \leq 14$ had reduced functional abilities, were more symptomatic and at increased risk of mortality. CGA additionally identified patients at risk of hospital admissions and treatment toxicities.</p>	

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