| CareSearch Project<br>Research Studies Register: Registration Proforma | 0182 |
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**Study Title: Validation of a clinical tool to predict death in older patients presenting at hospital emergency departments**

**Brief description of the study**: This study is a prospective evaluation of the ability of CriSTAL (Criteria for Screening and Triaging to Appropriate aLternative care) to predict individual risk of death in people aged 65 years and older who present at ED in 5 European hospitals. Data collection is complete (1,699 participants) and analysis is underway. The aim is to identify people who are irreversibly dying of frailty, old age and advanced chronic illness, so clinicians can have more confidence in initiating the sensitive end-of-life conversations on appropriate pathways of care that prevent non-beneficial treatments.

**Study Methodology: (Please mark with an x which type of study methodology)**

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| | Epidemiology |
| **X** | Health Services / Health Economics / Quality Improvement |
| | Qualitative, Observational or Descriptive |
| | Mixed Method |
| | Systematic Review |
| | Intervention: RCT |
| | Intervention: Comparative or cohort study |
| | Intervention: Case series |

**Project details:**

Funding source (Optional): NHMRC program grant

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| Has the study received ethics approval? | **X** | Yes | | No | | Not applicable |

Project starting date: January 2016

Project completion date: December 2017

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| Multi site: | **X** | Yes | | No | | Not applicable |

**Researchers**

Principal Investigator (name) Dr Magnolia Cardona-Morrell

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Investigator B (Name) A/Prof Mikkel Brabrand

Investigator C (Name) Dr Dorothy Breen

Investigator D (Name) Dr John A Petersen

CareSearch is funded by the Australian Government Department of Health.

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| Investigator E (Name) Dr Christian Backer Mogensen |
| **Associated publications / reports:**<br>Cardona-Morrell M, Hillman K. Development of a tool for defining and identifying the dying patient in hospital: Criteria for Screening and Triaging to Appropriate aLternative care (CriSTAL). BMJ Support Palliat Care. 2015 Mar;5(1):78-90. |
| **Topics (Admin only) Site of care: Hospital, Tools and measures, Older people** |