10.1071/AH20223_AC

Australian Health Review

Supplementary Material for

Understanding end-of-life care in Australian hospitals

Imogen Mitchell¹ FRCP, FRACP, FCICM, PhD, Professor and Senior Intensive Care Specialist Jeanette Lacey^{2,3} MCliPra, Nurse Practitioner End of Life Care, Conjoint Lecturer Matthew Anstey^{4,5} FCICM MPH, Intensive Care Specialist Cathy Corbett⁶ FRACP, General Physician and Palliative Care Physician Carol Douglas⁷ FAChPM, Associate Professor and Director Christine Drummond⁸ FAChPM, Acting Director of Medical Services Michel Hensley^{9,10} FRACP, PhD, Director of Medical Services, Emeritus Professor of Medicine Amber Mills¹¹ PhD, Adjunct Lecturer Caroline Scott¹² BA (Hons), PGDip RN, Program Manager Advance Care Planning and Voluntary Assisted Dying Jo-Anne Slee¹³ BA (Hons), Grad Dip Gerontology, Quality Improvement Consultant Jennifer Weil1^{4,15} FAChPM, Associate Professor and Deputy Director Palliative Care Brett Scholz^{1,19} PhD, Senior Research Fellow Brandon Burke^{16,17} FCICM, Intensive Care Specialist, Senior Lecturer Catherine D'Este¹⁸ PhD, Honorary Professor

¹ANU Medical School, The Australian National University; Canberra Health Services, ACT,

Australia. Email: imogen.mitchell@anu.edu.au

²John Hunter Hospital, Medicine and Interventional Services, Newcastle, NSW, Australia. Email: jeanette.lacey@hnehalth.nsw.gov.au

³University of Newcastle, NSW, Australia.

⁴Sir Charles Gairdner Hospital, Perth, WA, Australia. Email: matthew.anstey@health.wa.gov.au

⁵School of Public Health, Curtin University, Perth, WA, Australia.

⁶Alfred Hospital, Melbourne, Vic., Australia. Email: c.corbett@alfred.org.au

⁷Palliative and Supportive Care, Royal Brisbane and Women's Hospital, Qld, Australia. Email: carol.douglas@health.qld.gov.au

⁸Central Adelaide Palliative Care Service. Email: christine.drummond@health.sa.gov.au

⁹Royal Prince Alfred Hospital, Sydney, NSW, Australia.

¹⁰University of Newcastle, NSW, Australia. Email: michael.hensley@newcastle.edu.au

¹¹Central Clinical School, Faculty of Medicine, Nursing & Health Sciences, Monash University, Vic., Australia. Email: amber.mills@monash.edu.au

¹²Centre of Palliative Care, St Vincent's Hospital Melbourne, Vic., Australia. Email: caroline.scott@svha.org.au

¹³The Royal Melbourne Hospital, Vic., Australia. Email: jo-anne.slee@mh.org.au

¹⁴University of Melbourne, Department of Medicine, Vic., Australia. Email: jennifer.weil@unimelb.edu.au

¹⁵St Vincent's Hospital, Melbourne, Vic., Australia.

¹⁶Christchurch Hospital, Christchurch, New Zealand.

¹⁷University of Otago Christchurch School of Medicine, New Zealand. Email:

brandon_j_burke@hotmail.com

¹⁸National Centre for Epidemiology and Population Health (NCEPH), The Australian National University, ACT, Australia. Email: catherine.deste@anu.edu.au

¹⁹Corresponding author. Email: brett.scholz@anu.edu.au

Supplemental File S1: Audited Data

Advance care and resuscitation plans: Evidence was sought for a written, pre-admission advance care plan completed, preadmission. During admission, not for resuscitation was defined as not for cardiopulmonary resuscitation. Examples of other limitation of medical treatment orders include not for ICU / intubation / ventilation / dialysis / vasoactive drugs etc. The medical team doctor that initiated or documented resuscitation plans was recorded.

Life Sustaining Medical Treatments: Data were collected on the frequency and timing of any acute invasive life sustaining treatments during the entire admission and in the final 48

hours prior to death. This included details of ICU admissions and Medical Emergency Team (MET) reviews. Active treatment at time of death was defined as acute life sustaining interventions within the last 2 hours prior to death.

Recognition of Dying: Based on previous studies, words documented by a doctor such as: *"end stage"*, *"terminally ill"*, *"poor prognosis"*, *"recovery unlikely"*, *"palliative"*, *"dying"*, *"moribund"*, *"situation hopeless / grave"*, *"unlikely to survive"* etc were used to indicate recognition of dying.

Palliative Care: It was determined that there was evidence that the patient was prescribed a palliative / "comfort care only" plan if words such as: "comfort care / measures", "palliative care only", "not for active medical treatment" were documented. Life-sustaining treatment that occurred after a patient was documented for palliative care only was recorded. Finally, charts were reviewed for evidence of a referral to and review by a dedicated palliative care service. Palliative pathway commenced as a result of a MET review was defined as: MET initiated withdrawal of active management or commenced end-of-life care.