

Online supplemental file 1

'Improving the Detection, Assessment, Management, and Prevention of Delirium in Hospices (the DAMPen-D study): Protocol for a co-design and feasibility study of a flexible and scalable implementation strategy to deliver guideline-adherent delirium care.'

Case Number_Pre	Non-identifiable ID number	N/A	Alphanumeric
Age_Pre	Patient age	Integer	Years
Sex_Pre	Patient gender	Categorical	Male, female, other
Diagnosis_Pre	Patient diagnosis	String	Cancer etc.
Ethnicity_pre	Patient ethnicity	Categorical	Black, white etc.
IMD score_Pre	Postcode converted	Float	
Adm_Ac_conf_state_Pre	Evidence of acute confusional state on admission	Binary	Yes/No
Adm_screen_Pre	Patient screened for delirium on admission	Binary	Yes/No
Adm_Screen_by_Pre	If screened, who completed screening	Categorical	Doctor, Nurse practitioner, Registered Nurse, Other (specify)
Adm_screen_type_Pre	If screened, name of screening tool	Alphanumeric	4AT etc.
Adm_screen_result_Pre	If screened, result	Binary	Positive/Negative
Adm_no_screen_just-Pre	Was justification given for not screening	Binary	Yes/No
Adm_no-screen_just-verbatim-Pre	Was justification given for not screening	String	Verbatim text

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Adm_risk-ass-Pre	If screening negative or not done was risk assessment carried out?	Binary	Yes/No
Adm-risk-ass_result_Pre	If risk assessment carried completed results	Binary	Positive/Negative
Adm_prev_meas_Pre	If risk assessment positive were preventive measures put in place	Binary	Yes/No
Adm_Judge_rationale_pre	If researcher judgement was required for any of above, give rationale	String	Free text
Dur_adm_Ac_conf_state_pre	Evidence of acute confusional state during admission	Binary	Yes/No
Dur_adm_Multi_ep_cog_dys_Pre	Multiple episodes of cognitive dysfunction during admission	Binary	Yes/No
Dur_adm_Multi_ep_cog_dys_no_Pre	Multiple episodes of cognitive dysfunction during admission	Integer	1,2,3

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Dur_adm_screen_Pre	If patient had multiple episodes was the patient screened	Binary	Yes/No
Dur_adm_screen_type_Pre	If screened, name of tool	Alphanumeric	4AT etc.
Dur_Adm_Screen_result_Pre	Result of screening during admission	Binary	Positive/negative
Dur_adm_Sceen_by_Pre	Who completed screening during admission	Categorical	Doctor, Nurse practitioner, Registered Nurse, Other (specify)
Dur_adm_Judge_rationale_Pre	If researcher judgement was required for any of above, give rationale	String	Verbatim text
Case_rec_ac_conf_reported_by_Pre	Who reported the first episode of acute confusion in the case record	Categorical	Doctor, Nurse practitioner, Registered Nurse, Other (specify)
Case_rec_date_first_ep_Pre	Date of first episode of acute confusion in the case record	Date	10.10.2021
Case_rec_time_first_ep_Pre	Time of first episode of acute confusion in case record	Time	24hr format

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Case_rec_verbatim_ref_ac_conf_Pre	Describe each reference to acute confusion in the case record	String	Verbatim text
Case_rec_ac_conf_tot_days_Pre	Total duration of acute confusion in days as determined by all the references in the case record	Integer	5 (days) or 0 days if none
Case_rec_Improve_revers_Pre	Any evidence of improvement or reversibility of acute confusion during the stay	Categorical	Yes/No/Unsure
Case_rec_ev_descr_pre	Describe evidence of reversibility	String	Free text
Case_rec_Del_present_Pre	Delirium present	Categorical	Yes/No
Case_rec_subtype_Pre	If delirium present what subtype	Categorical	Hypo/Hyper/Mixed
Case_rec_del_med_ass_Pre	Medical assessment (DSM-V delirium assessment) to assess for delirium	Binary	Yes/No
Case_rec_diag_doc_Pre	Diagnosis of delirium recorded	Categorical	Yes/No

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Case_rec_judge_rationale_Pre	If researcher judgement was required for any of above, give rationale	String	Free text
Invest_del_ass_rev_cause_Pre	Assessment for reversible causes of delirium	Binary	Yes/No
Invest_med_rev_Pre	Was a medication review conducted	Binary	Yes/No
Invest_rev_cause_treat_Pre	Was a treatment instigated for a reversible cause of delirium	Binary	Yes/No
Invest_judge_rationale_Pre	If researcher judgement was required for any of above, give rationale	String	Free text
Del_care_plan_Pre	Delirium care plan documented	Binary	Yes/no
Del_sev_Pre	Was delirium severity assessed	Categorical	RASS-PAL + hallucination, RASS-PAL only, hallucination only, other specify, No

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Harm_distress_behaviour_Pre	Did patient display behaviours harmful or distressing to self or others	Binary	Yes/No
Sedative_admin_during_del_Pre	Was sedative administered during period of delirium	Binary	Yes/No
Sedative_med_type	Sedative medication type	String	Name of medication
Sed_ind_Pre	Sedative medication administered for	Categorical	Delirium, anxiety, breathlessness, nausea, terminal agitation, other, unclear
Del_risk_discuss_patient_fam	Was delirium risk and prevention discussed with patients and families of patients without delirium on admission	Categorical	Yes/No/unable
Del_ep_discuss_patient_Pre	Was episode of delirium discussed with the patient	Categorical	Yes/No/Unable

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Del_ep_discuss_patient_family_Pre	Was episode of delirium discussed with the patient's family	Categorical	Yes/No/Unable
Del_info_Pre	Was any written information about delirium provided to patient or family	Categorical	Yes/No/Unable