

**Supplemental table 1. Search terms and strategy Medline (Pubmed)**

**Term 1** Dementia, Delirium, Wernick Encephalopathy, Amnestic Disorders, Cognitive Disorders, Alzheimer, Lewy Body, Cerebrovascular, Organic Brain disease, Organic Brain syndrome, Normal pressure hydrocephalus, Shunt, Benign senescent forgetfulness, Cerebral Deterioration, Cerebral Insufficient, Korsakoff, Creutzfeldt-Jakob, Huntington

**Term 2** Emergency department, emergency room, emergency medicine, emergency care, acute care

**Term 3** Palliative care, supportive care, end-of-life care, end of life, hospice.

**Complete phrase** (dementia OR delirium OR wernick encephalopathy OR amnestic disorder OR cognitive disorder OR alzheimer OR lewy body OR cerebrovascular OR organic brain disease OR organic brain syndrome OR normal pressure hydrocephalus OR benign senescent forgetfulness OR cerebral deterioration OR cerebral insufficient OR Korsakoff OR creutzfeldt-jakob OR huntington) AND (emergency department OR emergency room OR emergency medicine OR emergency care OR acute care) AND (palliative care OR supportive care OR end-of-life care OR end of life OR hospice)