

Search strategies and search terms used in Medline (via PubMed) *

Delirium	Delirium	Delirium
<ul style="list-style-type: none"> + Old age + Hospital + With intervention - Without dementia/ cognitive impairment 	<ul style="list-style-type: none"> + Old age + Hospital - Without intervention + Without dementia/ cognitive impairment 	<ul style="list-style-type: none"> - Without old age + Hospital + With intervention + With dementia/ cognitive impairment

(
 Delirium[Mesh] OR
 Deliri*[tiab] OR
 acute confusion*[tiab] OR
 "metabolic encephalopathy"[tiab] OR
 "clouding of consciousness"[tiab]
)
 AND
 (
 ("cognition disorders"[mh] OR
 cognitive impair*[tiab] OR
 cognitive dysfunction*[tiab] OR
 cognitive disorder*[tiab] OR
 neurocognitive disorder*[tiab] OR
 cognitive decline[tiab])
 OR
 (dementia[mh] OR
 dementia[tiab] OR
 alzheimer*[tiab] OR
 "Lewy Body"[tiab])
)
 AND
 (
 aged[mh] OR
 ageing[tiab] OR
 elder*[tiab] OR
 older[tiab] OR
 old age*[tiab] OR
 "old people"[tiab] OR
 senior*[tiab]
)
 AND
 (
 treatment[tiab] OR
 intervention[tiab] OR
 strateg*[tiab] OR
 concept*[tiab] OR
 "Tertiary Prevention"[Mesh] OR
 "Secondary Prevention"[Mesh] OR
 "Primary Prevention"[Mesh] OR
 prevent*[tiab] OR
 "prevention and control" [sh] OR
 manag*[tiab] OR
 Path[tiab] OR
 Paths[tiab] OR
 pathway*[tiab] OR
 Program*[tiab]
)
 AND
 (
 "Hospitals"[Mesh] OR
 "Hospitalization"[Mesh] OR
 ward*[tiab] OR
 unit*[tiab] OR
 clinic[tiab] OR
 clinics[tiab] OR
 clinical[tiab] OR
 hospital*[tiab]
)
 NOT
 (
 "Intensive Care Units"[Mesh] OR
 "Residential Facilities"[Mesh] OR
 "Hospices"[Mesh] OR
 "Cancer Care Facilities"[Mesh] OR
 "Hospitals, Maternity"[Mesh] OR
 "Hospitals, Pediatric"[Mesh] OR
 "Hospitals, Psychiatric"[Mesh]
)
 AND
 (german[la] OR english[la])
 NOT
 (animals[mh] NOT humans[mh])

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 "clouding of consciousness"[tiab]
)
 AND
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 ageing[tiab] OR
 elder*[tiab] OR
 older[tiab] OR
 old age*[tiab] OR
 "old people"[tiab] OR
 senior*[tiab]
)
 AND
 (
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 intervention[tiab] OR
 strateg*[tiab] OR
 concept*[tiab] OR
 "Tertiary Prevention"[Mesh] OR
 "Secondary Prevention"[Mesh] OR
 "Primary Prevention"[Mesh] OR
 prevent*[tiab] OR
 "prevention and control" [sh] OR
 manag*[tiab] OR
 Path[tiab] OR
 Paths[tiab] OR
 pathway*[tiab] OR
 Program*[tiab]
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 "Hospitalization"[Mesh] OR
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 unit*[tiab] OR
 clinic[tiab] OR
 clinics[tiab] OR
 clinical[tiab] OR
 hospital*[tiab]
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 "Intensive Care Units"[Mesh] OR
 "Residential Facilities"[Mesh] OR
 "Hospices"[Mesh] OR
 "Cancer Care Facilities"[Mesh] OR
 "Hospitals, Maternity"[Mesh] OR
 "Hospitals, Pediatric"[Mesh] OR
 "Hospitals, Psychiatric"[Mesh]
)
 AND
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 NOT
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 "Secondary Prevention"[Mesh] OR
 "Primary Prevention"[Mesh] OR
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 "prevention and control" [sh] OR
 manag*[tiab] OR
 Path[tiab] OR
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 "Cancer Care Facilities"[Mesh] OR
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 "Hospitals, Pediatric"[Mesh] OR
 "Hospitals, Psychiatric"[Mesh]
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 AND
 (german[la] OR english[la])
 NOT
 (animals[mh] NOT humans[mh])

* The search strategies and search terms used in the other databases Cinahl, Cochrane-Library, PsychInfo and Web of Science can be requested from the authors (e-mail: eckstein@nar.uni-heidelberg.de, heinrich.burkhardt@umm.de).