

## Supplementary file 2: Databases Search String

Pubmed - 543

("Circadian Rhythm"[Mesh] OR ((Circadian[tiab] OR "Twenty-Four"[tiab] OR "Twenty Four"[tiab] OR Nyctohemeral[tiab] OR Nycthemeral[tiab] OR Diurnal[tiab]) AND (Rhythm\*[tiab])) OR "Wakefulness"[Mesh] OR Wakefulness\*[tiab] OR "Sleep"[Mesh:NoExp] OR Sleep[tiab] OR "Sleep Hygiene"[Mesh] OR "Sleep Hygiene"[tiab] OR "Sleep Habit\*" [tiab] OR "Sleep Deprivation"[Mesh] OR "Sleep Stages"[Mesh] OR "Dyssomnias"[Mesh:noexp] OR Dyssomnia\*[tiab] OR "Sleep Disorders, Circadian Rhythm"[Mesh] OR "Sleep Wake Disorders"[Mesh:noexp] OR "Polysomnography"[Mesh] OR Polysomnograph\*[tiab]) AND ("Hospitalization"[Mesh] OR Hospitalization\*[tiab] OR "Subacute Care"[Mesh] OR ("Sub-Acute"[tiab] OR "Subacute"[tiab] OR Acute[tiab] OR Postacute[tiab] OR "Post-acute"[tiab]) AND Care[tiab]) OR "Hospital Units"[Mesh] OR "Hospital Unit\*" [tiab] OR ((Hemodialysis[tiab] OR Intensive[tiab] OR Burn[tiab] OR Coronary[tiab] OR Respiratory[tiab]) AND Unit\*[tiab]) OR ICU OR "Nursing Station\*" [tiab] OR "Critical Illness"[Mesh] OR "Critical Illness\*" [tiab]) AND (systematic[sb] OR review[pt] OR "Systematic Reviews as Topic"[Mesh] OR "Meta Synthes\*" [tiab] OR "Meta-Synthes\*" [tiab] OR "MetaSynthes\*" [tiab] OR "Meta-Analysis as Topic"[Mesh] OR (systematic\*[tiab] AND (bibliographic\*[tiab] OR literature[tiab] OR review[tiab] OR reviewed[tiab] OR reviews[tiab])) OR (comprehensive\*[tiab] AND (bibliographic\*[tiab] OR literature[tiab])) OR "cochrane database syst rev"[Journal] OR "Evidence report/technology assessment (Summary)" [journal] OR "Evidence report/technology assessment" [journal] OR "integrative literature review" [tiab] OR "integrative research review" [tiab] OR "integrative review" [tiab] OR "research synthesis" [tiab] OR "research integration" [tiab] OR cinahl[tiab] OR embase[tiab] OR medline[tiab] OR psyclit[tiab] OR (psycinfo[tiab] NOT "psycinfo database" [tiab]) OR pubmed[tiab] OR scopus[tiab] OR "web of science" [tiab] OR "data synthesis" [tiab] OR meta-analys\*[tiab] OR meta-analyz\*[tiab] OR meta-analyt\*[tiab] OR metaanalys\*[tiab] OR metaanalyz\*[tiab] OR metaanalyt\*[tiab] OR ((review[tiab] AND (rationale[tiab] OR evidence[tiab])) AND review[pt]))

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<a href="#">S</a> <a href="#">e</a> <a href="#">a</a> <a href="#">r</a> <a href="#">c</a> <a href="#">h</a> <a href="#">I</a> <a href="#">D</a> <a href="#">#</a>	Search Terms	Search Options	Actions
S 8	S5 AND S6 AND S7	Limiters - Published Date: 20090101- 20191231; Language: Dutch/Flemish, English, French, Portuguese, Spanish Expanders - Apply related words; Apply equivalent subjects Search modes - Boolean/Phrase	<a href="#">View Results</a> (287) <a href="#">View Details</a> <a href="#">Edit</a>
S 7	S3 OR S4	Expanders - Apply related words; Apply equivalent subjects Search modes - Boolean/Phrase	<a href="#">View Results</a> (204,612) <a href="#">View Details</a> <a href="#">Edit</a>
S 6	S1 OR S2	Expanders - Apply related words; Apply equivalent subjects Search modes - Boolean/Phrase	<a href="#">View Results</a> (67,489) <a href="#">View Details</a> <a href="#">Edit</a>

<p>S 5</p>	<p>(TI Review) OR (AB review) OR (JN "Cochrane Database of Systematic Reviews") OR (TI (information n2 synthesis)) OR (TI (data n2 synthesis)) OR (AB (information n2 synthesis)) OR (AB (data n2 synthesis)) OR (TI (data n2 extract*)) OR (AB (data n2 extract*)) OR (TI (medline OR pubmed OR psyclit OR cinahl OR (psycinfo not "psycinfo database") OR "web of science" OR scopus OR embase)) OR (AB (medline OR pubmed OR psyclit OR cinahl OR (psycinfo not "psycinfo database") OR "web of science" OR scopus OR embase)) OR (MH "Literature Review+") OR (MH "Meta Analysis") OR (MH "Meta Synthesis") OR (TI (meta-analy* OR metaanaly*)) OR (AB (meta-analy* OR metaanaly*)) OR (TI (meta-synthe* OR metashynthe*)) OR (AB (meta-synthe* OR metashynthe*)) OR (PT ("Meta Analysis" OR "Meta Synthesis" OR "Review" OR "Systematic Review"))</p>	<p>Expanders - Apply related words; Apply equivalent subjects Search modes - Boolean/Phrase</p>	<p><a href="#">View Results</a> (599,589) <a href="#">View Details</a> <a href="#">Edit</a></p>
<p>S 4</p>	<p>TI ( Hospitalization* OR ("Sub-Acute" OR "Subacute" OR Acute OR Postacute OR "Post-acute") W1 Care) OR ((Hospital OR Hemodialysis OR Intensive OR Burn* OR Coronary OR Respiratory) N3 Unit#) OR ICU OR "Nursing Station*" OR "Critical Illness*" ) OR AB ( Hospitalization* OR ("Sub-Acute" OR "Subacute" OR Acute OR Postacute OR "Post-acute") W1 Care) OR ((Hospital OR Hemodialysis OR Intensive OR Burn* OR Coronary OR</p>	<p>Expanders - Apply related words; Apply equivalent subjects Search modes - Boolean/Phrase</p>	<p><a href="#">View Results</a> (120,502) <a href="#">View Details</a> <a href="#">Edit</a></p>

		Respiratory) N3 Unit#) OR ICU OR "Nursing Station*" OR "Critical Illness*" )		
S 3		(MH "Hospitalization") OR (MH "Subacute Care") OR (MH "Acute Care") OR (MH "Critical Care") OR (MH "Hospital Units+") OR (MH "Critical Illness")	Expanders - Apply related words; Apply equivalent subjects Search modes - Boolean/Phrase	<a href="#">View Results</a> (138,491) <a href="#">View Details</a> <a href="#">Edit</a>
S 2		TI ( Circadian OR Twenty-Four OR "Twenty Four" OR Nyctohemeral OR Nycthemeral OR Diurnal) W1 Rhythm) OR Wakefulness* OR Sleep OR "Sleep Hygiene" OR "Sleep Habit*" OR Dyssomnia* OR Polysomnograph* ) OR AB ( Circadian OR Twenty-Four OR "Twenty Four" OR Nyctohemeral OR Nycthemeral OR Diurnal) W1 Rhythm) OR Wakefulness* OR Sleep OR "Sleep Hygiene" OR "Sleep Habit*" OR Dyssomnia* OR Polysomnograph* )	Expanders - Apply related words; Apply equivalent subjects Search modes - Boolean/Phrase	<a href="#">View Results</a> (64,508) <a href="#">View Details</a> <a href="#">Edit</a>
S 1		(MH "Circadian Rhythm") OR (MH "Wakefulness") OR (MH "Sleep") OR (MH "Sleep Deprivation") OR (MH "Sleep Hygiene") OR (MH "Sleep Stages+") OR (MH "Dyssomnias") OR (MH "Sleep Disorders, Circadian Rhythm") OR (MH "Sleep-Wake Transition Disorders") OR (MH "Polysomnography")	Expanders - Apply related words; Apply equivalent subjects Search modes - Boolean/Phrase	<a href="#">View Results</a> (31,213) <a href="#">View Details</a> <a href="#">Edit</a>

TITLE-ABS-KEY((hospitalization\* OR ("Sub-Acute" OR "Subacute" OR acute OR postacute OR "Post-acute") PRE/1 care) OR ((hospital OR hemodialysis OR intensive OR burn\* OR coronary OR respiratory) W/3 (unit OR units)) OR icu OR "Nursing Station\*" OR "Critical Illness\*") AND (((circadian OR twenty-four OR "Twenty Four" OR nyctohemeral OR nycthemeral OR diurnal) PRE/1 rhythm) OR wakefulness\* OR sleep OR "Sleep Hygiene" OR "Sleep Habit\*" OR dyssomnia\* OR polysomnograph\*) AND (Review OR (information W/2 synthesis) OR (data W/2 synthesis) OR (data W/2 extract\*) OR (medline OR pubmed OR psyclit OR cinahl OR (psycinfo AND NOT "psycinfo database") OR "web of science" OR scopus OR embase) OR (meta-analy\* OR metaanaly\*) OR (meta-synthe\* OR metashynthe\*)))

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((((Circadian OR Twenty-Four OR "Twenty Four" OR Nyctohemeral OR Nycthemeral OR Diurnal) NEAR/1 (Rhythm)) OR Wakefulness\* OR Sleep OR "Sleep Hygiene" OR "Sleep Habit?" OR Dyssomnia? OR Polysomnograph?) AND (Hospitalization\* OR ("Sub-Acute" OR "Subacute" OR Acute OR Postacute OR "Post-acute") NEAR/1 Care) OR ((Hospital OR Hemodialysis OR Intensive OR Burn\* OR Coronary OR Respiratory) NEAR/3 Unit?) OR ICU OR "Nursing Station?" OR "Critical Illness\*") AND (Review OR (information NEAR/2 synthesis) OR (data NEAR/2 synthesis) OR (data NEAR/2 extract\*) OR (medline OR pubmed OR psyclit OR cinahl OR (psycinfo NOT "psycinfo database") OR "web of science" OR scopus OR embase) OR (meta-analy\* OR metaanaly\*) OR (meta-synthe\* OR metashynthe\*)))

Joanna Briggs - 354

((((Circadian OR Twenty-Four OR "Twenty Four" OR Nyctohemeral OR Nycthemeral OR Diurnal) AND (Rhythm)) OR Wakefulness\* OR Sleep OR "Sleep Hygiene" OR "Sleep Habit?" OR Dyssomnia\* OR Polysomnograph\*) AND (Hospitalization\* OR ("Sub-Acute" OR "Subacute" OR Acute OR Postacute OR "Post-acute") AND Care) OR ((Hospital OR Hemodialysis OR Intensive OR Burn\* OR Coronary OR Respiratory) AND Unit\*) OR ICU OR "Nursing Station\*" OR "Critical Illness\*")

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