

Dokumentasjon av litteratursøk for VBP

Til søk for VBP utfører vi søk i de basene som er beskrevet nedenfor, dette etter avtale med Klinisk Dokumentasjon Sykepleie (KDS) - DP Løsning Regional EPJ.

Vi søker i et begrenset antall databaser, de fleste er kilder for oppsummert forskning. I databasene PubMed/Medline vil vi ofte begrense søket til mulige systematiske oversikter/retningslinjer.

Problemstilling	Postoperativ sykepleie til pasienter som har gjennomgått åpen hjertekirurgi (lungekirurgi eller organ transplantasjon er ikke tatt med her)
Bibliotekar som utførte/veiledet søket:	Hilde Iren Flaatten, Spesialbibliotekar h.i.flatten@ub.uio.no UiO: Bibliotek for Medisin og realfag. Seksjon for litteratursøk og digitale forskningsmetoder
Kontaktperson/avd.	Silje Sørheim Bjøru, Fagutviklingssykepleier/Intensivsykepleier Thoraxkirurgisk intensiv, RH Tlf: 23073703 / 23072852
Dato for søk:	17. august – 28.august 2023
Navn VBP	Hjerte - postoperativ

Database/ressurs:	Fagprosedyrer ved OUS (obligatorisk) Fagprosedyrer for voksne
Søkehistorie:	Sett gjennom listen
Treff:	Generelle postoperative tema: eHåndbok - Dagbok til intensivpasienter - voksne (ous-hf.no) eHåndbok - Hypotermi perioperativt - forebygging og behandling, voksne (ous-hf.no) eHåndbok - Tidlig mobilisering av voksne intensivpasienter (ous-hf.no) eHåndbok - Hemodynamisk overvåking med picco-voksne (ous-hf.no) eHåndbok - Respiratorbehandling og bruk av filter i respiratorkretsen. (ous-hf.no) eHåndbok - Intensivpasienter - smerte, uro/agitasjon og delirium, voksne (ous-hf.no) Hjerte/thorax: eHåndbok - Thoraksdren - stell, observasjoner og fjerning (ous-hf.no) (NB 2016) eHåndbok - Pacemaker (PM) temporær epikardiell etter hjertekirurgi (ous-hf.no)

Database/ressurs:	VAR HEALTHCARE (tidligere PPS - Praktiske prosedyrer i sykepleietjenesten)
Søkehistorie:	Dere ser selv i E-håndboka -> Kunnskapskilder > VAR
Treff:	

Database/ressurs:	Nasjonale retningslinjer fra Helsedirektoratet
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Søkehistorie:	Sett gjennom lister under H (hjertekirurgi), T (thorax), P (postoperativ)
Treff:	Ingen relevante

Database/ressurs:	Folkehelseinstituttet - rapporter og trykksaker
Søkehistorie:	Søkeord: åpen hjertekirurgi, postoperativ
Treff:	Tiltak innen innsatsområdet "Trygg kirurgi" i Pasientsikkerhetsprogrammet i Norge; Oversikt over oversikter - FHI
Kommentar	Tiltak før og under operasjon – ikke relevant

Database/ressurs:	Helsebibliotekets retningslinjer og veiledere
Søkehistorie:	Sett gjennom emnegruppen hjerte og kar søkeord: hjertekirurgi, «åpen hjertekirurgi», thorax kirurgi
Treff:	Ingen relevante

Database/ressurs:	NICE Guidance (UK)
Søkehistorie:	1.Søkeord: "open heart surgery" - sternotomy - coronary artery bypass grafting (last 3 years) 2. Sett under Browse guidance by topic : Surgical care Topic NICE
Treff:	Overview Heart valve disease presenting in adults: investigation and management Guidance NICE https://www.nice.org.uk/guidance/ng208/chapter/Recommendations#monitoring-after-an-intervention Recommendations Perioperative care in adults Guidance NICE Overview Surgical site infections: prevention and treatment Guidance NICE https://www.nice.org.uk/guidance/ng125/chapter/Recommendations#postoperative-phase
Kommentar	2 av treffene omfatter generelle postoperative tema uansett type inngrep.

Database/ressurs:	Socialstyrelsen, Nationella riktlinjer (SE)
Søkehistorie:	Sett gjennom liste under hjærtsjukvård
Treff:	Ingen relevante

Database/ressurs:	Sundhedsstyrelsen, Nationale kliniske retningslinjer (DK)
Søkehistorie:	Sett gjennom listen Nationale Kliniske Retningslinjer
Treff:	Ingen relevante

Database/ressurs:	Center for kliniske retningslinjer (DK)
Søkehistorie:	Sett gjennom Godkente retningslinjer
Treff:	<p>National klinisk retningslinje for perioperativ mundhygiejne til forebygging av postoperative infeksjoner CFKR (2021)</p> <p>Nationale Infektionshygiejniske Retningslinjer for det præ-, per- og postoperative område CFKR (2020)</p> <p>Confusion Assessment Method (CAM) til identifikation af delirium hos voksne patienter ≥ 18 år indlagt i medicinsk, kirurgisk, geriatrisk og palliativ afdeling/hospice CFKR (2020)</p> <p>Nonfarmakologisk forebygging af delirium hos patienter ≥ 65 år CFKR (2019)</p>
Kommentar	Mulig relevante?

Database/ressurs:	Nursing Reference Center
Søkehistorie:	<p>S3 S1 AND S2 Limiters - Publication Date: 20180101-20230831</p> <p>S2 TX postoperat* OR "post operat*" OR postanesthe* OR postanaesthe* OR "post anesthe*" OR "post anaesthe*" OR perioperat* OR "peri operat*" OR "intensive care" OR nurs*</p> <p>S1 TI (((cardiac* OR cardiothora* OR "cardio thora*" OR heart* OR thorax OR thoracic) AND surg*)) OR TI (sternotom* OR "coronary artery bypass" OR CABG OR cardio* bypass*" OR "CPB machine*" OR "heart lung machine*" OR "off pump")</p>
Antall treff:	Quick Lessons (4), Evidence Based Care Sheets(4), Skills(2) og Patient Handouts(5)
Treff	<p><i>For å få fulltekstlenkene til å virke: det kan være nødvendig å kopiere og lime inn lenkene inn i nettleserens adressefelt (URL-feltet), istedet for bare å klikke på dem. NB Logg inn i Nursing reference Center først</i></p> <p>Caring for Patients After Coronary Artery Bypass Graft (CABG) Surgery By: Boling B, Caple C, Woten M, Hanson D, CINAHL Nursing Guide, January 3, 2023 https://search-ebscobost-com.ezproxy.uio.no/login.aspx?direct=true&db=nup&AN=T904148&site=nup-live&scope=site</p> <p>Coronary Artery Bypass Grafting By: EBSCO Medical Review Board, Health Library: Evidence-Based Information, November 1, 2022 https://search-ebscobost-com.ezproxy.uio.no/login.aspx?direct=true&db=nup&AN=2009866778&site=nup-live&scope=site</p> <p>Discharge Instructions for Video-Assisted Thoracic Surgery (VATS) By: Buck D, Health Library: Evidence-Based Information, June 1, 2022 https://search-ebscobost-com.ezproxy.uio.no/login.aspx?direct=true&db=nup&AN=2010624607&site=nup-live&scope=site</p> <p>Discharge Instructions after Sternotomy (Sternal Precautions) By: Buck D, Health Library: Evidence-Based Information, June 1, 2022 https://search-ebscobost-com.ezproxy.uio.no/login.aspx?direct=true&db=nup&AN=2012141145&site=nup-live&scope=site</p>

	<p>Coronary Artery Bypass Graft Surgery: an Overview By: Schub T, Karakashian AL, Hanson D, CINAHL Nursing Guide, July 23, 2021 https://searchebshostcom.ezproxy.uio.no/login.aspx?direct=true&db=nup&AN=T701623&site=nup-live&scope=site</p> <p>Coronary Artery Bypass Graft Surgery: Postoperative Complications By: Schub T, Heering H, Hanson D, CINAHL Nursing Guide, July 9, 2021 https://search-ebshost-com.ezproxy.uio.no/login.aspx?direct=true&db=nup&AN=T704385&site=nup-live&scope=site</p> <p><i>Eldre enn 2019:</i></p> <p>Open Heart Surgery: an Overview By: Ashley TJ, Schub T, Pravikoff D, CINAHL Nursing Guide, February 23, 2018 https://search-ebshost-com.ezproxy.uio.no/login.aspx?direct=true&db=nup&AN=T704174&site=nup-live&scope=site</p> <p>Coronary Artery Bypass Graft Surgery: Mediastinitis By: Caple C, Avital O, Pravikoff D, CINAHL Nursing Guide, February 2, 2018 https://search-ebshost-com.ezproxy.uio.no/login.aspx?direct=true&db=nup&AN=T704880&site=nup-live&scope=site</p> <p>Open Heart Surgery By: March P, Oji O, Pravikoff D, CINAHL Nursing Guide, June 15, 2018 https://search-ebshost-com.ezproxy.uio.no/login.aspx?direct=true&db=nup&AN=T704335&site=nup-live&scope=site</p> <p>Caring for Patients After Coronary Artery Bypass Graft (CABG) Surgery -- Interactive By: Boling B, Caple C, Woten M, Hanson D, CINAHL Nursing Guide, April 26, 2018 https://search-ebshost-com.ezproxy.uio.no/login.aspx?direct=true&db=nup&AN=T910941&site=nup-live&scope=site</p>
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Database/ressurs:	UpToDate
Søkehistorie:	Open heart surgery postoperative, chest tube cardiac surgery
Treff:	<p>Barbeito A. Postoperative care after cardiac surgery. UpToDate [database]. Waltham, MA: UpToDate, Inc. [oppdatert 26. juli 2022; hentet 17. aug 2023]. http://www.uptodate.com/contents/135261</p> <p>Fitzsimons MG. Intraoperative problems after cardiopulmonary bypass. UpToDate [database]. Waltham, MA: UpToDate, Inc. [oppdatert 26. juli 2022; hentet 18. aug 2023]. http://www.uptodate.com/contents/115472</p> <p>Aranki S. Early cardiac complications of coronary artery bypass graft surgery. UpToDate [database]. Waltham, MA: UpToDate, Inc. [oppdatert 26. juli 2022; hentet 18. aug 2023]. http://www.uptodate.com/contents/1584</p> <p>Aranki S. Early noncardiac complications of coronary artery bypass graft surgery. UpToDate [database]. Waltham, MA: UpToDate, Inc. [oppdatert 26. juli 2022; hentet 18. aug 2023]. http://www.uptodate.com/contents/1585</p>

	<p>Postoperative mediastinitis after cardiac surgery. UpToDate [database]. Waltham, MA: UpToDate, Inc. [oppdatert 26. juli 2022; hentet 18. aug 2023]. http://www.uptodate.com/contents/7014</p> <p>Sexton DJ. Achieving hemostasis after cardiac surgery with cardiopulmonary bypass. UpToDate [database]. Waltham, MA: UpToDate, Inc. [oppdatert 26. juli 2022; hentet 18. aug 2023]. http://www.uptodate.com/contents/122792</p> <p>Lee R. Atrial fibrillation and flutter after cardiac surgery. UpToDate [database]. Waltham, MA: UpToDate, Inc. [oppdatert 26. juli 2022; hentet 18. aug 2023]. http://www.uptodate.com/contents/1011</p> <p>Heffener JE. Evaluation and management of pleural effusions following cardiac surgery. UpToDate [database]. Waltham, MA: UpToDate, Inc. [oppdatert 26. juli 2022; hentet 18. aug 2023]. http://www.uptodate.com/contents/6703</p>
Kommentar:	<p>Fra 01.05.2020 må du registrere deg for å få tilgang til UpToDate. Les mer her: https://www.helsebiblioteket.no/helsebiblioteket/aktuelt/tilgang-til-uptodate-fra-1.april-2020</p>

Database/ressurs:	<p>GUIDELINES – MEDLINE Ovid MEDLINE(R) ALL (1946 to August 16, 2023)</p>
Søkehistorie:	<p>1 heart valve prosthesis implantation/ or coronary artery bypass/ or coronary artery bypass, off-pump/ or Cardiac Surgical Procedures/ or Sternotomy/ or Cardiopulmonary Bypass/ or Heart-Lung Machine/ or (Aortic Dissection/ and Aortic Aneurysm, Thoracic/) or (sternotom* or median sternal incision* or heart lung machine* or cpb machine* or CABG or coronary artery bypass* or cardiopulmonary bypass* or ((cardiothoracic or thorax or thoracic) adj3 surg*) or (open adj (heart or cardiac) adj3 surg*) or ((thora* adj3 aneurysm*) and (aort* adj2 dissect*))).tw,kf.</p> <p>2 perioperative care/ or postoperative care/ or perioperative period/ or postoperative period/ or anesthesia recovery period/ or intensive care units/ or coronary care units/ or recovery room/ or intensive care units/ or coronary care units/ or recovery room/ or Enhanced Recovery After Surgery/ or postoperative complications/ or pain, postoperative/ or postoperative cognitive complications/ or postoperative hemorrhage/ or "postoperative nausea and vomiting"/ or shock, surgical/ or surgical wound dehiscence/ or surgical wound infection/ or arrhythmias, cardiac/ or atrial fibrillation/ or Early Ambulation/ or Sleep Deprivation/ or Water-Electrolyte Balance/ or Pacemaker, Artificial/ or Respiratory Distress Syndrome/ or Ventilator Weaning/ or Cardiac Tamponade/ or (intensive care or perioperativ* or peri operativ* or postoperativ* or post operativ* or postcardiac or postsurg* or post surg* or coronary care unit* or recovery or postanesthe* or post anesthe* or postanaesthe* or post anaesthe* or hemorrhage* or haemorrhage* or bleeding or arrhythmia* or atrial fibrillation* or tamponade or cognitive deficit* or delir* or enhanced recovery or extubat* or ventilat* or ventilated or sleep or pleural effusion* or chest drain* or chest tube* or mobilisation* or mobilization or early ambulation* or water electrolyte* or ((electrolyte* or fluid*) adj3 disturbanc*) or (fluid* adj3 volume*) or pacemaker* or respiratory distress syndrome or ventilator weaning or ((hemodynamic or haemodynamic or blood pressure*) and (monitor* or surveill* or measur* or management))).tw,kf.</p>

	<p>3 perioperative nursing/ or postanesthesia nursing/ or critical care nursing/ or nursing care/ or postoperative care/ or (postoperative care or post operative care or monitor* or surveill* or measur* or management or administrat*).ti.</p> <p>4 child/ or child, preschool/ or exp infant/ or (infant* or child* or neonat* or newborn* or nicu or picu or pediatric or paediatric or ((lung* or pulmonary) adj2 (surg* or resection*))).ti.</p> <p>5 (guideline or practice guideline or consensus development conference or consensus development conference, NIH).pt.</p> <p>6 (guideline* or standards or consensus* or recommendat*).ti.</p> <p>7 (practice parameter* or position statement* or policy statement* or CPG or CPGs or best practice*).ti.</p> <p>8 (care adj2 (path or paths or pathway or pathways or map or maps or plan or plans or standard)).ti.</p> <p>9 ((critical or clinical or practice) adj2 (path or paths or pathway or pathways or protocol*)).ti.</p> <p>10 (algorithm* and (pharmacotherap* or chemotherap* or chemotreatment* or therap* or treatment* or intervention*)).ti.</p> <p>11 (algorithm* and (screening or examination or test or tested or testing or assessment* or diagnosis or diagnoses or diagnosed or diagnosing)).ti.</p> <p>12 (guideline* or standards or consensus* or recommendat*).au.</p> <p>13 (guideline* or standards or consensus* or recommendat*).ca.</p> <p>14 systematic review.ti,pt,kf,sh. and (practice guideline* or treatment guideline* or clinical guideline* or guideline recommendation*).ti,ab,kf.</p> <p>15 or/5-15</p> <p>16 (1 and (2 or 3)) not 4</p> <p>17 16 and 15</p> <p>18 limit 17 to (yr="2020 -Current" and (danish or english or norwegian or swedish)</p>
Treff:	217
Kommentar	Se EndNote bibliotek/word dokument for 30 utvalgte mulig relevante guidelines, recommendations, consensus

OVERSIKTSARTIKLER:

Database/ressurs:	MEDLINE - Ovid MEDLINE(R) ALL (1946 to August 16, 2023)
Søkehistorie:	<p>1 heart valve prosthesis implantation/ or coronary artery bypass/ or coronary artery bypass, off-pump/ or Cardiac Surgical Procedures/ or Sternotomy/ or Cardiopulmonary Bypass/ or Heart-Lung Machine/ or (Aortic Dissection/ and Aortic Aneurysm, Thoracic/) or (sternotom* or median sternal incision* or heart lung machine* or cpb machine* or CABG or coronary artery bypass* or cardiopulmonary bypass* or ((cardiothoracic or thorax or thoracic) adj3 surg*) or (open adj (heart or cardiac) adj3 surg*) or ((thora* adj3 aneurysm*) and (aort* adj2 dissect*))).tw,kf.</p> <p>2 perioperative care/ or postoperative care/ or perioperative period/ or postoperative period/ or anesthesia recovery period/ or intensive care units/ or coronary care units/ or recovery room/ or intensive care units/ or coronary care units/ or recovery room/ or Enhanced Recovery After Surgery/ or postoperative complications/ or pain, postoperative/ or postoperative cognitive complications/ or postoperative hemorrhage/ or "postoperative nausea and vomiting"/ or shock, surgical/ or surgical wound dehiscence/ or</p>

	<p>surgical wound infection/ or arrhythmias, cardiac/ or atrial fibrillation/ or Early Ambulation/ or Sleep Deprivation/ or Water-Electrolyte Balance/ or Pacemaker, Artificial/ or Respiratory Distress Syndrome/ or Ventilator Weaning/ or Cardiac Tamponade/ or (intensive care or perioperativ* or peri operativ* or postoperativ* or post operativ* or postcardiac or postsurg* or post surg* or coronary care unit* or recovery or postanesthe* or post aneste* or postanaesthe* or post anaesthe* or hemorrhage* or haemorrhage* or bleeding or arrhythmia* or atrial fibrillation* or tamponade or cognitive deficit* or delir* or enhanced recovery or extubat* or ventilat* or ventilated or sleep or pleural effusion* or chest drain* or chest tube* or mobilisation* or mobilization or early ambulation* or water electrolyte* or ((electrolyte* or fluid*) adj3 disturbanc*) or (fluid* adj3 volume*) or pacemaker* or respiratory distress syndrome or ventilator weening or ((hemodynamic or haemodynamic or blood pressure*) and (monitor* or surveill* or measur* or management))).tw,kf.</p> <p>3 perioperative nursing/ or postanesthesia nursing/ or critical care nursing/ or nursing care/ or postoperative care/ or (postoperative care or post operative care or monitor* or surveill* or measur* or management or administrat*).ti.</p> <p>4 nursing.fs. or nurs*.ti,kf,jw,hw. or (nursing care or care nursing or nurse*).ab.</p> <p>5 (1 and 3) or (1 and 2 and 4)</p> <p>6 child/ or child, preschool/ or exp infant/ or (infant* or child* or neonat* or newborn* or nicu or picu or pediatric or paediatric or ((lung* or pulmonary) adj2 (surg* or resection*))).ti.</p> <p>7 5 not 6</p> <p>8 limit 7 to (yr="2020 -Current" and (danish or english or norwegian or swedish))</p> <p>9 limit 8 to "reviews (best balance of sensitivity and specificity)"</p>
Antall treff:	387
Treff	Se EndNote bibliotek/word dokument for 60 utvalgte, mulig relevante artikler

Database/ressurs:	CINAHL
Søkehistorie:	<p>S1 (MH "Coronary Artery Bypass+") OR (MH "Heart, Mechanical") OR (MH "Aortic Dissections+") OR "open heart surger*" OR (MH "Chest Tubes") OR "chest tube*" OR "chest drain"</p> <p>S2 (MH "Thoracic Surgery+") OR (MH "Thoracotomy") OR thoracotom* OR sternotom* OR "median sternal incision*" OR "heart lung machine*" OR "cpb machine*" OR CABG OR "coronary artery bypass*" OR "cardiopulmonary bypass*" OR "cardio pulmonary bypass" OR ((cardiothoracic OR thorax OR thoracic) N2 surg*) OR ("open heart" N2 surg*) OR ("open cardiac" N2 surg*) OR ((thora* N2 aneurysm*) AND (aort* N1 dissect*))</p> <p>S3 MH "Postoperative Period" OR MH "Perioperative Care" OR MH "Postoperative Complications+" OR MH "Enhanced Recovery After Surgery" OR MH "Postoperative Care+" OR MH "Surgical Wound Care+" OR "intensive care" OR periop* OR postoperat* OR "peri operat*" OR "post operat*" OR "enhanced recovery" OR postanesthe* OR postanaesthe" OR "post aneste*" OR "post anaesthe*" OR postsurg* OR "post surg*"</p> <p>S4 (S1 OR S2) AND S3</p> <p>S5 TI pediatric or paediatric or child* or neonat* OR newborn* OR infant* OR NICU OR PICU OR "lung resection*" OR "lung cancer"</p> <p>S6 S4 NOT S5</p> <p>S7 TI nurs* OR SO nurs* OR "non-pharmacological"</p>

	S8 S6 AND S7 Limiters - Published Date: 20200101-20231031; English Language S9 TI review S10 S8 AND S10
Treff:	22
Kommentar	Se EndNote bibliotek/word dokument for noen utvalgte, mulig relevante artikler

Det er sett litt på enkeltstudier før avgrensning til reviews, og 29 referanser er tatt med i EndNote/word dokument hvis man trenger mer sykepleie relatert forskning.