

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 som også inneholder enkeltstudier - PubMed/Medline og SveMed+: I PubMed/Medline vil vi ofte begrense søket til mulige systematiske oversikter/retningslinjer, og i SveMed+ vil vi gjerne begrense søket til artikler publisert i diverse nordiske sykepleietidsskrifter.

Problemstilling	Søkt samlet for disse problemstillingene: - Hvordan vurdere/observere smerter hos premature nyfødte (Navn: VBP Prematur) - Hva er den beste innstillingen i temperatur og fuktighet i ekstremt prematures kuvøse? Når reduserer man disse? (Navn VBP: Prematur forløp, Nyfødt intensiv Ullevål) <i>Se også separat litteratursøk for VBP Samspill. Oppdatert litteratursøket fra april 2020 skal ligge på Ressurssiden til VBP prosjektet</i>
Bibliotekar som utførte/veiledet søket:	Marie Isachsen Marie.isachsen@ub.uio.no
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Dato for søk:	15. april 2020 25. juni 2020 (PubMed) Oppdatering av søk for den siste problemstillingen fra 6. mai 2015 Div litteratur fra før 2015 vil tas med i denne oppdateringen.
Navn VBP	Fra 2 Pico-skjemaer: VBP Prematur VBP: Prematur forløp, Nyfødt intensiv Ullevål

Database/ressurs	Fagprosedyrer som er lokalt utviklet og godkjent i de enkelte helseforetak (på nettsiden til Helsebiblioteket)
Søkehistorie og treff	Sett gjennom emnegruppe barn og ungdom Psykososial preoperativ forberedelse av barn 0–18 år Oslo universitetssykehus - 2017 https://ehandboken.ous-hf.no/document/49509/fields/23 Psykososial preoperativ forberedelser av barn 0 - 3 år med foreldre Oslo universitetssykehus https://ehandboken.ous-hf.no/document/49521 Overflytting av spedbarn fra intermediaærenhet til pasientrom med fokus på familiebasert omsorg Oslo universitetssykehus - 2016 https://www.helsebiblioteket.no/fagprosedyrer/ferdige/overflytting-av-spedbarn-fra-intermediaaerenhet-til-pasientrom Respiratorbehandling av nyfødte Helse Bergen - 2012 https://www.helsebiblioteket.no/fagprosedyrer/ferdige/respiratorbehandling-av-nyfodte

Database/ressurs:	Nasjonale retningslinjer fra Helsedirektoratet
Søkehistorie:	Sett gjennom liste
Treff:	Nyfødtintensivavdelinger - kompetanse og kvalitet - Nasjonal faglig retningslinje Helsedirektoratet - Sist faglig oppdatert 2017 https://www.helsedirektoratet.no/retningslinjer/nyfodtintensivavdelinger-kompetanse-og-kvalitet Faglige retningslinjer for oppfølging av for tidlig fødte barn Helsedirektoratet - 2007

Database/ressurs:	Folkehelseinstituttet - rapporter og trykksaker
Søkehistorie og treff:	Premature, nyfødte Prognose for og oppfølging av ekstremt premature barn: En systematisk oversikt Folkehelseinstituttet - 2017 https://www.fhi.no/publ/2017/prognose-for-og-oppfolging-av-ekstremt-premature-barn-en-systematisk-oversi/

Database/ressurs:	Helsebibliotekets retningslinjebase
Søkehistorie og treff:	Emnegruppe Barn og unge, noen relevante her? Metodebok i nyfødtdiagnostikk Universitetssykehuset i Nord-Norge - 2019 https://unn.no/Documents/Metodebok%C3%B8ker/Metodebok%20i%20nyf%C3%B8dtmedisin/Metodebok%20nyf%C3%B8dtmedisin.pdf Finnes det noe relevant i pediatriveilederne? https://www.helsebiblioteket.no/pediatriveiledere > se evt Nyfødtdiagnostikk

Database/ressurs:	NICE Guidance (UK)
Søkehistorie og treff:	Fulgt stien: NICE Guidance > Population groups > Infants and neonates Fra lenken over plukket ut denne, er det andre aktuell i lenken over? Specialist neonatal respiratory care for babies born preterm NICE guideline [NG124] Published date: 03 April 2019 https://www.nice.org.uk/guidance/ng124/chapter/Recommendations#sedation-and-analgesia

Database/ressurs:	Socialstyrelsen (Sve) - Nationella riktlinjer
Søkehistorie:	Sett gjennom liste
Treff:	0

Database/ressurs:	Sundhedsstyrelsen - Kvalitet og retningslinjer (DK)
Søkehistorie:	Sett gjennom liste
Treff:	0

Database/ressurs:	Center for kliniske retningslinjer (DK)
Søkehistorie:	Sett gjennom Godkente retningslinjer
Treff:	Klinisk retningslinje for smertevurdering af neonatale børn Aalborg universitet - 2015 https://cfkr.dk/retningslinjer/godkendte-retningslinjer/smerter-og-sanseindtryk/klinisk-retningslinje-for-smertevurdering-af-neonatale-boern/

	Andre titler: Klinisk retningslinje for anvendelse af sukkervand og modermælk som smerteprofylakse ved stikprocedurer hos nyfødte børn. Vurdering af smerteintensitet ved akutte smerter hos børn fra 28 dage – 18 år
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Database/ressurs:	Nursing Reference Center
Søkehistorie og treff:	Søkt i tittelfeltet: premature or preterm* or incubator* Avgrenset til publikasjonstypene: Evidence Based Care Sheets, Skills, Quick Lessons og Patient Handouts <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.</i> Evidence Based Care Sheets Skin Care in the Premature Infant By: Woten M, Cabrera G, Pravikoff D, CINAHL Nursing Guide, August 17, 2018 http://search.ebscohost.com/login.aspx?direct=true&db=nup&AN=T707655&site=nup-live&scope=site Skills Newborn Care: Incubators -- Managing the Preterm Infant By: Hurst A, Balderrama D, Pravikoff D, CINAHL Nursing Guide, May 5, 2017 http://search.ebscohost.com/login.aspx?direct=true&db=nup&AN=T706812&site=nup-live&scope=site Newborn Care: Interfacility Incubator Transport for Preterm Neonates By: Caple C, Karakashian AL, Pravikoff D, CINAHL Nursing Guide, April 27, 2018 http://search.ebscohost.com/login.aspx?direct=true&db=nup&AN=T706814&site=nup-live&scope=site Bathing the Premature Infant in an Open Crib By: Schub E, Seeber-Combs C, Pravikoff D, CINAHL Nursing Guide, May 24, 2019 http://search.ebscohost.com/login.aspx?direct=true&db=nup&AN=T922212&site=nup-live&scope=site

	Bathing the Premature Infant from an Incubator By: Richards S, Schub E, Pravikoff D, CINAHL Nursing Guide, December 8, 2017 http://search.ebscohost.com/login.aspx?direct=true&db=nup&AN=T705442&site=nup-live&scope=site Newborn Care: Weaning from the Incubator By: Caple C, Pravikoff D, CINAHL Nursing Guide, February 16, 2018 http://search.ebscohost.com/login.aspx?direct=true&db=nup&AN=T706809&site=nup-live&scope=site
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Database/ressurs:	UpToDate
Søkehistoriel og treff:	Premature Preterm Incubators Blant treffene: Prevention and treatment of neonatal pain UpToDate. Waltham, MA. http://www.uptodate.com/contents/5018 Assessment of neonatal pain UpToDate. Waltham, MA. http://www.uptodate.com/contents/5021 Short-term complications of the premature infant UpToDate. Waltham, MA. http://www.uptodate.com/contents/4965 Prevention and treatment of respiratory distress syndrome in preterm infants UpToDate. Waltham, MA. http://www.uptodate.com/contents/4997 (Se bl.a under "Thermoregulations") Fluid and electrolyte therapy in newborns UpToDate. Waltham, MA. http://www.uptodate.com/contents/5065 Respiratory support, oxygen delivery, and oxygen monitoring in the newborn UpToDate. Waltham, MA. http://www.uptodate.com/contents/5067

Database/ressurs:	The Cochrane Library (søkt i delbasen Cochrane Database of Systematic Reviews)
Søkehistorie og treff:	

#1	MeSH descriptor: [Infant, Premature] explode all trees
#2	MeSH descriptor: [Infant, Premature, Diseases] explode all trees
#3	MeSH descriptor: [Incubators, Infant] explode all trees
#4	(premature or preterm or incubator*): in title, abstract, keyword
#5	(Low AND ((birth AND weight) OR birthweight)): in title, abstract, keyword
#6	#1 OR #2 OR #3 OR #4 OR #5
2010 – 2020	
Blant treffene:	
Almadhoob A, Ohlsson A. Sound reduction management in the neonatal intensive care unit for preterm or very low birth weight infants. Cochrane Database Syst Rev. 2020(1). https://www.cochranelibrary.com/cdsr/doi/10.1002/14651858.CD010333.pub3	
McCall EM, Alderdice F, Halliday HL, Vohra S, Johnston L. Interventions to prevent hypothermia at birth in preterm and/or low birth weight infants. Cochrane Database Syst Rev. 2018(2). https://www.cochranelibrary.com/cdsr/doi/10.1002/14651858.CD004210.pub5/full	
Johnston C, Campbell-Yeo M, Disher T, Benoit B, Fernandes A, Streiner D, et al. Skin-to-skin care for procedural pain in neonates. Cochrane Database Syst Rev. 2017(2). https://www.cochranelibrary.com/cdsr/doi/10.1002/14651858.CD008435.pub3/full	
Foster JP, Taylor C, Spence K. Topical anaesthesia for needle-related pain in newborn infants. Cochrane Database Syst Rev. 2017;2:CD010331. https://www.cochranelibrary.com/cdsr/doi/10.1002/14651858.CD010331.pub2/full	
Conde-Agudelo A, Díaz-Rossello JL. Kangaroo mother care to reduce morbidity and mortality in low birthweight infants. Cochrane Database Syst Rev. 2016(8). https://www.cochranelibrary.com/cdsr/doi/10.1002/14651858.CD002771.pub4/full	
Shah D, Tracy M. Cutaneous antisepsis for prevention of intravascular catheter-associated infection in newborn infants. Cochrane Database Syst Rev. 2014(3). https://www.cochranelibrary.com/cdsr/doi/10.1002/14651858.CD011043/full	
Laroia N, Phelps D, Roy J. Double wall versus single wall incubator for reducing heat loss in very low birth weight infants in incubators. Cochrane Database Syst Rev. 2007(2). https://www.cochranelibrary.com/cdsr/doi/10.1002/14651858.CD004215.pub2/full	
Pillai Riddell RR, Racine NM, Gennis HG, Turcotte K, Uman LS, Horton RE, et al. Non-pharmacological management of infant and young child procedural pain. Cochrane Database Syst Rev. 2015(12). https://www.cochranelibrary.com/cdsr/doi/10.1002/14651858.CD006275.pub3/full	
Sinha A, Sazawal S, Pradhan A, Ramji S, Opiyo N. Chlorhexidine skin or cord care for prevention of mortality and infections in neonates. Cochrane Database Syst Rev. 2015(3):CD007835.	

	https://www.cochranelibrary.com/cdsr/doi/10.1002/14651858.CD007835.pub2/full Farley RC, Hough JL, Jardine LA. Strategies for the discontinuation of humidified high flow nasal cannula (HHFNC) in preterm infants. Cochrane Database Syst Rev. 2015(6):Cd011079. https://www.cochranelibrary.com/cdsr/doi/10.1002/14651858.CD011079.pub2/full Abdel-Latif ME, Osborn DA. Nebulised surfactant in preterm infants with or at risk of respiratory distress syndrome. Cochrane Database Syst Rev. 2012(10). https://www.cochranelibrary.com/cdsr/doi/10.1002/14651858.CD008310.pub2/full New K, Flenady V, Davies MW. Transfer of preterm infants from incubator to open cot at lower versus higher body weight. Cochrane Database Syst Rev. 2011(9). https://www.cochranelibrary.com/cdsr/doi/10.1002/14651858.CD004214.pub4/full Gray PH, Flenady V. Cot-nursing versus incubator care for preterm infants. Cochrane Database Syst Rev. 2011(8). https://www.cochranelibrary.com/cdsr/doi/10.1002/14651858.CD003062.pub2/full
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Database/ressurs:	PubMed
Søkehistorie og treff:	Søkeresultatet nedenfor er avgrenset med PubMeds filter for mulige systematiske oversikter: Systematic[sb] Spisset søk på smerte, fuktighet, temperatur mm: Siste 10 år (Infant, Premature, Diseases[Mesh] OR Infant, Premature[Mesh] OR "Intensive Care, Neonatal"[Mesh] OR "Intensive Care Units, Neonatal"[Mesh] OR "Incubators, Infant"[Mesh] OR prematur*[title/abstract] OR preterm*[title/abstract] OR (low[ti] AND (birthweight*[ti] OR weight*[ti]))) AND ("Pain Measurement"[Mesh] OR "Pain"[Mesh] OR "Pain Management"[Mesh] OR pain[Title] OR Stress, Psychological[Mesh] OR "Stress, Physiological"[Mesh] OR "Patient Comfort"[Mesh] OR stress[Title] OR comfort*[title] OR discomfort*[Title] OR "Humidity"[Mesh] OR "Steam"[Mesh] OR "Body Temperature"[Mesh] OR "Skin Temperature"[Mesh] OR "Thermometers"[Mesh] OR "Thermometry"[Mesh] OR Heating[Mesh] OR humid*[ti] OR temperature*[ti] OR heat*[ti] OR thermoreg*[ti] OR warm*[ti] OR Skin[mesh] OR Skin Physiological Phenomena[mesh] OR Skin Care[mesh] OR Infection Control[Majr] OR skin[ti]) AND "last 10 years"[PDat] AND (Danish[lang] OR English[lang] OR Norwegian[lang] OR Swedish[lang])) AND (systematic[sb] OR (systematic[title] AND review[title])) Gjenfinner 109 systematiske oversikter pr. 15. april (når vi har utelatt Cochrane Reviews - se disse over i selve Cochrane-basen). Blant de 109 finner dere disse 14 artiklene

De 14 artiklene kan også leses her:

1. Pados BF, Hess F. Systematic Review of the Effects of Skin-to-Skin Care on Short-Term Physiologic Stress Outcomes in Preterm Infants in the Neonatal Intensive Care Unit. *Adv Neonatal Care*. 2020;20(1):48-58.
2. Menin D, Dondi M. Methodological Issues in the Study of the Development of Pain Responsivity in Preterm Neonates: A Systematic Review. *Int J Environ Res Public Health*. 2020;17(10).
3. Guo W, Liu X, Zhou X, Wu T, Sun J. Efficacy and safety of combined nonpharmacological interventions for repeated procedural pain in preterm neonates: A systematic review of randomized controlled trials. *Int J Nurs Stud*. 2020;102:103471.
4. Gomes Neto M, da Silva Lopes IA, Araujo A, Oliveira LS, Saquetto MB. The effect of facilitated tucking position during painful procedure in pain management of preterm infants in neonatal intensive care unit: a systematic review and meta-analysis. *Eur J Pediatr*. 2020;179(5):699-709.
5. Donnellan D, Moore Z, Patton D, O'Connor T, Nugent L. The effect of thermoregulation quality improvement initiatives on the admission temperature of premature/very low birth-weight infants in neonatal intensive care units: A systematic review. *J Spec Pediatr Nurs*. 2020;25(2):e12286.
6. Relland LM, Gehred A, Maitre NL. Behavioral and Physiological Signs for Pain Assessment in Preterm and Term Neonates During a Nociception-Specific Response: A Systematic Review. *Pediatr Neurol*. 2019;90:13-23.
7. Hatfield LA, Murphy N, Karp K, Polomano RC. A Systematic Review of Behavioral and Environmental Interventions for Procedural Pain Management in Preterm Infants. *J Pediatr Nurs*. 2019;44:22-30.
8. Giordano V, Edobor J, Deindl P, Wildner B, Goeral K, Steinbauer P, et al. Pain and Sedation Scales for Neonatal and Pediatric Patients in a Preverbal Stage of Development: A Systematic Review. *JAMA Pediatr*. 2019.
9. Fleeman N, Dunder Y, Shah PS, Shaw BN. Heated Humidified High-Flow Nasal Cannula for Preterm Infants: An Updated Systematic Review and Meta-analysis. *Int J Technol Assess Health Care*. 2019;35(4):298-306.
10. Gates A, Shave K, Featherstone R, Buckreus K, Ali S, Scott SD, et al. Procedural Pain: Systematic Review of Parent Experiences and Information Needs. *Clin Pediatr (Phila)*. 2018;57(6):672-88.
11. Disher T, Benoit B, Johnston C, Campbell-Yeo M. Skin-to-skin contact for procedural pain in neonates: acceptability of novel systematic review synthesis methods and GRADEing of the evidence. *J Adv Nurs*.

2017;73(2):504-19.

12. De Clifford-Faugère G, Lavallée A, Aita M. Olfactive stimulation interventions for managing procedural pain in preterm and full-term neonates: a systematic review protocol. Syst Rev. 2017;6(1):203.

13. Chen S, Zhang Q, Xie RH, Wen SW, Harrison D. What is the Best Pain Management During Gastric Tube Insertion for Infants Aged 0-12months: A Systematic Review. J Pediatr Nurs. 2017;34:78-83.

14. Fleeman N, Mahon J, Bates V, Dickson R, Dundar Y, Dwan K, et al. The clinical effectiveness and cost-effectiveness of heated humidified high-flow nasal cannula compared with usual care for preterm infants: systematic review and economic evaluation. Health Technol Assess. 2016;20(30):1-68.

Artikler som ikke er systematiske oversikter:

Her er det store trefftall, 5419 artikler siste 10 år (pr. 25. juni), hvis vi bruker samme søkestrategi som over.

Hvis vi endrer søket ved å bruke PubMeds fokusfunksjon (Majr) og/eller søke bare i tittel, blir søket redusert til 1802 artikler:

(Infant, Premature, Diseases[Majr] OR Infant, Premature[Majr] OR "Intensive Care, Neonatal"[Majr] OR "Intensive Care Units, Neonatal"[Majr] OR "Incubators, Infant"[Majr] OR prematur*[title] OR preterm*[title] OR (low[ti] AND (birthweight*[ti] OR weight*[ti]))) AND ("Pain Measurement"[Majr] OR "Pain"[Majr] OR "Pain Management"[Majr] OR pain[Title] OR Stress, Psychological[Majr] OR "Stress, Physiological"[Majr] OR "Patient Comfort"[Majr] OR stress[Title] OR comfort*[title] OR discomfort*[Title] OR "Humidity"[Majr] OR "Steam"[Majr] OR "Body Temperature"[Majr] OR "Skin Temperature"[Majr] OR "Thermometers"[Majr] OR "Thermometry"[Majr] OR Heating[Majr] OR humid*[ti] OR temperature*[ti] OR heat*[ti] OR thermoreg*[ti] OR warm*[ti] OR Skin[Majr] OR Skin Physiological Phenomena[Majr] OR Skin Care[Majr] OR Infection Control[Majr] OR skin[ti]) AND "last 10 years"[PDat] AND (Danish[lang] OR English[lang] OR Norwegian[lang] OR Swedish[lang])

Hvis du vil se gjennom alle 1802 artiklene, kan du kopiere og lime inn hele søkestrategien inn i søkeboksen til PubMed.

Hvis du bruker «nye» PubMed:

<https://pubmed.ncbi.nlm.nih.gov/?otool=inouolib> :

For lettere gjennomgang av artiklene: under søkeboksen, «Sorted by» - velg gjerne «Most Recent» i stedet for Best Match, velg samme sted 200 «per page» i stedet for 10.

Bruker du «gamle» PubMed, velg helst «Most Recent» i stedet for Best Match her også.

Eksempler på artikler som er blant de 1802 artiklene (søk selv hvis dere vil se alle 1802, siden det sikkert her er utelatt relevante artikler): [48 artikler](#)

De 48 artiklene kan også lese her:

Andersen RD, Munsters JMA, Vederhus BJ, Gradin M. Pain assessment practices in Swedish and Norwegian neonatal care units. *Scand J Caring Sci*. 2018;32(3):1074-82.

<https://www.ncbi.nlm.nih.gov/pubmed/29282767>

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1. Ågren J. Using skin-to-skin contact for thermal control in very and extremely preterm infants must optimise heat exchange in order to maintain body temperature. *Acta Paediatr*. 2020;109(4):647-8.
2. Mehler K, Hucklenbruch-Rother E, Trautmann-Villalba P, Becker I, Roth B, Kribs A. Delivery room skin-to-skin contact for preterm infants-A randomized clinical trial. *Acta Paediatr*. 2020;109(3):518-26.
3. Lucas E, Bevan A. Nurses' underuse of non-pharmacological pain relief interventions in preterm infants. *Nurs Child Young People*. 2020;32(1):30-6.
4. Linnér A, Klemming S, Sundberg B, Lilliesköld S, Westrup B, Jonas W, et al. Immediate skin-to-skin contact is feasible for very preterm infants but thermal control remains a challenge. *Acta Paediatr*. 2020;109(4):697-704.
5. Apaydin Cirik V, Efe E. The effect of expressed breast milk, swaddling and facilitated tucking methods in reducing the pain caused by orogastric tube insertion in preterm infants: A randomized controlled trial. *Int J Nurs Stud*. 2020;104:103532.
6. Tandberg BS, Flacking R, Markestad T, Grundt H, Moen A. Parent psychological wellbeing in a single-family room versus an open bay neonatal intensive care unit. *PLoS One*. 2019;14(11):e0224488.
7. Rallis D, Longley C, Kage A. Transferring preterm infants into an open cot using a heated mattress at ≤ 1400 g. *J Perinatol*. 2019;39(10):1399-405.
8. Perez A, van der Meer F, Singer D. Target Body Temperature in Very Low Birth Weight Infants: Clinical Consensus in Place of Scientific Evidence. *Front Pediatr*. 2019;7:227.
9. O'Brien EA, Colaizy TT, Brumbaugh JE, Cress GA, Johnson KJ, Klein JM, et al. Body temperatures of very low birth weight infants on admission to a neonatal intensive care unit. *J Matern Fetal Neonatal Med*. 2019;32(16):2763-6.
10. Kristoffersen L, Støen R, Bergseng H, Follestad T, Theodorsson E, Vederhus B, et al. Skin-to-skin contact during eye examination did not reduce pain compared to standard care with parental support in preterm infants. *Acta Paediatr*. 2019;108(8):1434-40.
11. De Clifford-Faugère G, Aita M, Le May S. Nurses' practices regarding procedural pain management of preterm infants. *Appl Nurs Res*. 2019;45:52-

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12. Bucsea O, Pillai Riddell R. Non-pharmacological pain management in the neonatal intensive care unit: Managing neonatal pain without drugs. *Semin Fetal Neonatal Med.* 2019;24(4):101017.
13. Ralphe JL, Dail RB. Temperature and Humidity Associated With Artificial Ventilation in the Premature Infant: An Integrative Review of the Literature. *Adv Neonatal Care.* 2018;18(5):366-77.
14. Olsson E, Anderzén-Carlsson A, Atladóttir SM, Axelin A, Campbell-Yeo M, Eriksson M, et al. Cultural adaptation and harmonization of four Nordic translations of the revised Premature Infant Pain Profile (PIPP-R). *BMC Pediatr.* 2018;18(1):349.
15. Nordheim T, Rustøen T, Solevåg AL, Småstuen MC, Nakstad B. Hope in Parents of Very-Low Birth Weight Infants and its Association with Parenting Stress and Quality of Life. *J Pediatr Nurs.* 2018;38:e53-e8.
16. Nordheim T, Anderzén-Carlsson A, Nakstad B. A Qualitative Study of the Experiences of Norwegian Parents of Very Low Birthweight Infants Enrolled in a Randomized Nutritional Trial. *J Pediatr Nurs.* 2018;43:e66-e74.
17. Laptook AR, Bell EF, Shankaran S, Boghossian NS, Wyckoff MH, Kandeler S, et al. Admission Temperature and Associated Mortality and Morbidity among Moderately and Extremely Preterm Infants. *J Pediatr.* 2018;192:53-9.e2.
18. Lahana A, Delanaud S, Erhani R, Glusko-Charlet A, Durand E, Haraux E, et al. Warming the premature infant in the delivery room: Quantification of the risk of hyperthermia. *Med Eng Phys.* 2018;59:70-4.
19. Iversen JM, Uglem M, Indredavik MS, Romundstad PR, Nilsen KB, Sand T, et al. Pain Sensitivity and Thermal Detection Thresholds in Young Adults Born Preterm With Very Low Birth Weight or Small for Gestational Age at Term Compared With Controls. *J Pain.* 2018;19(8):873-84.
20. Harriman TL, Carter B, Dail RB, Stowell KE, Zukowsky K. Golden Hour Protocol for Preterm Infants: A Quality Improvement Project. *Adv Neonatal Care.* 2018;18(6):462-70.
21. Erhani R, Dégrugilliers L, Lahana A, Glusko-Charlet A, Haraux E, Durand E, et al. Failing to meet relative humidity targets for incubated neonates causes higher heat loss and metabolic costs in the first week of life. *Acta Paediatr.* 2018;107(7):1177-83.
22. Crossley B. Verifying Skin Temperature Control Is Vital When Testing Infant Warmers. *Biomed Instrum Technol.* 2018;52(3):245.
23. Boyle EM, Bradshaw J, Blake KI. Persistent pain in neonates: challenges in assessment without the aid of a clinical tool. *Acta Paediatr.* 2018;107(1):63-7.
24. Benedetti GM, Silverstein FS. Targeted Temperature Management in Pediatric Neurocritical Care. *Pediatr Neurol.* 2018;88:12-24.
25. Bellieni CV, Tei M, Cornacchione S, Di Lucia S, Nardi V, Verrotti A, et al. Pain perception in NICU: a pilot questionnaire. *J Matern Fetal Neonatal Med.* 2018;31(14):1921-3.
27. Jost K, Pramana I, Delgado-Eckert E, Kumar N, Datta AN, Frey U, et al. Dynamics and complexity of body temperature in preterm infants nursed in incubators. *PLoS One.* 2017;12(4):e0176670.
28. Field T. Preterm newborn pain research review. *Infant Behav Dev.* 2017;49:141-50.

29. Delanaud S, Decima P, Pelletier A, Libert JP, Durand E, Stephan-Blanchard E, et al. Thermal management in closed incubators: New software for assessing the impact of humidity on the optimal incubator air temperature. *Med Eng Phys.* 2017;46:89-95.
30. Anand KJS, Eriksson M, Boyle EM, Avila-Alvarez A, Andersen RD, Sarafidis K, et al. Assessment of continuous pain in newborns admitted to NICUs in 18 European countries. *Acta Paediatr.* 2017;106(8):1248-59.
31. Pereira CB, Heimann K, Czaplik M, Blazek V, Venema B, Leonhardt S. Thermoregulation in premature infants: A mathematical model. *J Therm Biol.* 2016;62(Pt B):159-69.
32. Kristoffersen L, Stoen R, Hansen LF, Wilhelmsen J, Bergseng H. Skin-to-Skin Care After Birth for Moderately Preterm Infants. *J Obstet Gynecol Neonatal Nurs.* 2016;45(3):339-45.
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