Appendix 1 Summary of findings

Author, Year	Lead author profess ion	Co unt ry	Publicatio n	Aim	Population & Setting	Methods	Context	Key findings related to voice of nurse
Baird <i>et al</i> . (2015)	Nurse	US	Journal of Pediatric Nursing	To explore the impact of hospital and unit- based rules upon patient and family- centred care in PICU	PICU Nurses (n=12) & Parents Single PICU	Interview s & observati on	Families and patients in PICU	-Nurses described role as rule enforcer -Not always consistent in enforcing rules -Parents who deviate from expected behaviour labelled as 'difficult'
Baird <i>et al</i> . (2016)	Nurse	US	Nursing Research	To explore nurses' views on continuity of care	PICU Nurses (n=12) & Parents Single PICU	Interview s & observati on	Families and patients in PICU	-Continuity of care valued by nurses for importance to families, allows nurses to get to know families -Can impact skill maintenance as a result nurses have desire to care for a wide variety of patients -Faces practical challenges including staffing
Birchley <i>et</i> <i>al.</i> (2017)	Nurse	UK	Archives of Disease in Childhood	To explore participants' experiences of decision-making in PICU related to child's 'best interests.	PICU Nurses (n=8), parents & MDT Single PICU	Interview s	EoL in PICU	-Nurses introduce snippets of information to families to help parents -Clinicians 'reframe' information to increase parental acceptance -Shared decision-making described as important but no agreement for what it means

Bloomer <i>et</i> <i>al</i> . (2015)	Nurse	Au str alia	Australian Critical Care	To explore how NICU/PICU nurses care for families before and after death	NICU and PICU nurses (n=13) Multiple PICU/NICU	Interview s & focus groups	EoL in PICU	-Nurses role to prepare families for death -They feel that they know families best and use this rapport to support families -Death part of job, -Colleagues identified as a source of support to cope with death
Bloomer <i>et al</i> . (2016)	Nurse	Au str alia	Intensive & Critical Care Nursing	To explore nurses' experiences of caring for children at end of life	NICU and PICU nurses (n=13) Multiple PICU/NICU	Interview s & focus groups	EoL in PICU	-Role change to focus on families as death approaches -Create opportunities to let family be with their child and create memories
Bower <i>et al</i> . (2018)	Nurse	UK	Intensive and Critical Care Nursing	To explore nurses' views on interruption during medication administration	PICU nurses (n=10) Single PICU	Interview s & observati on	Healthcar e delivery	-Nurses felt a need to respond to interruptions -Multi-tasking while doing meds including observing the patient -Increased focus when medication was unfamiliar
Buckley <i>et</i> <i>al</i> . (2022)	Nurse	Ca na da	Frontiers in Pediatrics	To explore paediatric nurses' perspectives on their work environment, work attitudes, and experience of burnout	NICU & PICU Nurses (n=9) PICU/NICU	Interview s	Nurse as a healthcar e profession al	-Burnout is complex, difficult to self-identify but regularly occurs in nurses. -Burnout also impacts ability to find meaning in work. -Variety of work, acuity of care and team help reduce burnout -Felt that their role differs to other nurses around hospital therefore need different support.
Burton et	Nurse	Ca	Dimension	To better understand	NICU & PICU	Focus	Nurse as	-Nurses concerned with quality

<i>al.</i> (2020)		na da	s of Critical Care Nursing	PICU & NICU nurses understanding and experience of moral distress	Nurses (n=57) Multiple PICU/NICU	groups	a healthcar e profession al	of life of patients and families -Concerns that families don't have adequate information due to communication issues -Nurses input not always valued can lead to moral distress -More moral distress when nurses do not agree with care plans -Some nurses had to leave due to clinical care
Butler <i>et al.</i> (2017)	Nurse	Au str alia	Nursing in Critical Care	To explore nurses' perceptions of working with families in the PICU	PICU nurses (n=5) Single PICU	Interview s	Families and patients in PICU	-Role as gatekeeper, not necessarily negative as it supports family's involvement in care provision -Difference caring for chronic vs acute patients -Controlled delivery of information based on perceived ability of families to cope -Act as channel between medical and families for communication -Continuity of care important but variety valued more by nurses
Carnevale et al. (2011)	Nurse	Ital y	Journal of Child Health Care	To understand decision-making around life sustaining treatment in PICU in Italy	PICU Nurses (n=26), parents & MDT Single PICU	Focus groups	EoL in PICU	-Nurses felt excluded from treatment decision-making -Nurses described the important contributions that they could make, given their relationships with parents. -Decisions and care provision contribute to moral distress

Carnevale <i>et al</i> . (2012)	Nurse	Fra nc e & Ca na da	Journal of Child Health Care	To understand decision-making around life sustaining treatment in PICU in France and Canada	PICU Nurses (n= 24) & Medical team Multiple PICUs	Focus groups	EoL in PICU	-Nurses have in-between role when communicating -Frequently absent from meetings and commonly silent even when present -Often raise life-limiting therapy before medical team
Coats <i>et al.</i> (2018)	Nurse	US	American Journal of Critical Care	To explore nurses' perspectives on providing FCC in PICU	NICU & PICU Nurses (n=10) PICU/NICU	Interview s	Families and patients in PICU	-Family presence allows relationship building and nurses give parents jobs to be involved in care -Challenging when parents distract from care provision -Can be stressful having families present -Single rooms better for families but can be isolating for nurses
Craske <i>et</i> <i>al</i> . (2017)	Nurse	UK	Journal of Advanced Nursing	To explore nurses' decision-making around sedation withdrawal	PICU Nurses (n=12) Single PICU	Interview s	Healthcar e delivery	-Caring for children on consecutive days enhances assessment -Use parents to support assessment to help identify normal behaviour for that child -Sedation weaning score does not support complex thinking involved in decision-making related to weaning
de Weerd <i>et</i> <i>al.</i> (2015)	Medical	Net her lan ds	European Journal of Pediatrics	To explore suffering in children while in PICU	PICU nurses (n=29), parents & MDT Single PICU	Interview s	Healthcar e delivery	-Nurses were focused on the signs that caused discomfort and on the treatment of this discomfort -Focused on short-term perspective on suffering

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Deja <i>et al.</i> (2021)	Resear cher	UK	Pilot and Feasibility Studies	To explore parent and practitioner views on the acceptability of the proposed GASTRIC trial	PICU nurses (n=31), parents & MDT Single PICU	Interview s & focus groups	Healthcar e delivery	-Nurses concerned over potential change in practice even though limited evidence to support it -Focus in PICU on doing things -Different views from some junior nurses related to trial acceptability
Denis- Larocque <i>et</i> <i>al.</i> (2017)	Nurse	Ca na da	Intensive & Critical Care Nursing	To explore nurses' perceptions of caring for parents of children with chronic medical complexity in the PICU	PICU nurses (n=10) Single PICU	Interview s	Families and patients in PICU	-Challenges due to parent as expert -Need to negotiate care with parents -Takes time to establish relationships
Dopson & Long- Sutehall. (2019)	Nurse	UK	Intensive & Critical Care Nursing	To explore PICU nurses' knowledge, attitudes, and feelings when donation after circulatory death is an option at end of life	PICU Nurses (n=8) Single PICU	Interview s & focus groups	EoL in PICU	-Limited education provided on donation -Nurses may be best placed to have these conversations as they know the patients best but reluctant to do so
Felipin <i>et</i> <i>al</i> . (2018)	Nurse	Bra zil	Ciencia, Cuidado e Saude	To explore the meaning of family Centered Care	PICU and NICU nurses (n=19) PICU/NICU	Interview s	Families and patients in PICU	-Family extension of patient, aim to involve them in patient care -Believe parents help children recover -Parents gradually learn to provide care to their child in PICU
Foglia <i>et al</i> . (2010)	Nurse	US	Critical Care Nursing Quarterly	To explore factors that influence PICU nurses to leave their jobs	PICU Nurses (n=10) Single PICU	Interview s	Nurse as a healthcar e profession al	-Nurses describe the challenges of caring for sick children as a positive -Insufficient resources and support are stressors -Unrelieved stress as major reason leave job

Frechette <i>et</i> <i>al.</i> (2020a)	Nurse	Ca na da	Nursing in Critical Care	To examine PICU nurses' lived experience of caring for families following a major hospital transformation project.	PICU Nurses (n=15) Single PICU	Interview s & observati on	Families and patients in PICU	-Gatekeeping occurs when nurse enforce rules and dictate parental role in care -Value an environment that offers personalised care -Often focused on the child rather than the family
Frechette <i>et</i> <i>al</i> . (2020b)	Nurse	Ca na da	Journal of Nursing Manageme nt	To explore nurses' professional identity following a redesign	PICU Nurses (n=15) Single PICU	Interview s & observati on	Nurse as a healthcar e profession al	-Reluctance to care for chronic long-term patients due to moral distress and pull from acute patients -Can be challenging to adjust to different care needs for chronic patients eg. Less monitoring -Can result in increased patient load when less acute which is challenging in single rooms
Gagnon & Kunyk (2022)	Nurse	Ca na da	Nursing Inquiry	To explore the moral distress experiences of PICU nurses caring for child patients who are dying	PICU Nurses (n=7) Multiple PICUs	Interview s	EoL in PICU	-Desire to give children dignified death that was peaceful -Burden of knowledge as an insider but not able to share with families can cause moral distress -Limited ability to be heard in decision-making -Use of language to communicate nurses' perspective -Nurse can experience moral distress when dignity not prioritised
Geoghegan	Resear	UK	Pediatric	To explore the	NICU & PICU	Interview	Families	-Significant impact of caring for

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<i>et al</i> . (2016)	cher		Critical Care Medicine	challenges of caring for long-stay patients in the PICU	Nurses (n=7) & MDT Single PICU	S	and patients in PICU	long-stay patients (LSP)- moral distress and low morale -Desire for variety of patients, particularly acute patients -Patients with no long-term plan most challenging
Gonzalez- Gil <i>et al.</i> (2021)	Nurse	Sp ain	Enfermeria Intensiva	To explore nurses' experience related to promoting the visits of siblings to PICU	PICU nurses (n=12) Single PICU	Interview s	Families and patients in PICU	-Emerging demand for sibling visits but no policy -Decisions not documented making consistency difficult -Overall nurses support visits but need to prepare environment to minimise distress
Greenway <i>et al</i> . (2019)	Medical	US	Pediatric critical care medicine	To explore barriers to communication in PICU	PICU nurses (n=3), parents & MDT Single PICU	Interview s	Families and patients in PICU	-Breakdown in communication when deviation from plan -Difference in findings from families, limited presentation of voice of nurse.
Henao- Castano & Quinonez- Mora (2019)	Nurse	Col om bia	Enferm Intensiva	To explore nurses' coping with death in PICU	PICU nurses (n=10) Single PICU	Interview s	EoL in PICU	-Value of good communication -Focus on care provision at end of life and meaning from work
Ji <i>et al.</i> (2022)	Nurse	Chi na	Journal of Nursing Manageme nt.	To explore ward and PICU nurses experiences of transferring patients out of PICU	Ward and PICU nurses (n= 14) Single PICU	Focus groups	Healthcar e delivery	-Different priorities between ward and PICU nurses -Request for written handover to improve communication
Kahveci <i>et</i> <i>al</i> . (2014)	Medical	Tur key	Indian journal of pediatrics	To understand how decisions are made in PICU settings where critically ill children require life-support	PICU nurses (n=9), parents & MDT	Interview s	EoL in PICU	 Should be physician's responsibility to make the decisions in medically critical situations. Nurses seemed to have more

				decision	Single PICU			understanding of the parents' feelings, compared to the doctors. -Decision-making gets easier with more experience in PICU
LaFond <i>et</i> <i>al</i> . (2015)	Nurse	US	Journal of Pediatric Nursing	To explore factors nurses, consider when assessing pain and selecting interventions in PICU	PICU nurses (n=40) Single PICU	Interview s & vignette questionn aires	Healthcar e delivery	-PICU nurses used their own assessment over patient reported pain scores
LaFond <i>et</i> <i>al</i> . (2016)	Nurse	US	Journal of Pediatric Nursing	To describe PICU nurses' beliefs regarding the assessment and management of children's pain.	PICU nurses (n=40) Single PICU	Interview s & vignette questionn aire	Healthcar e delivery	-Nurses use behaviour to describe pain over pain scores -Each patient unique making self-report difficult to rely on -Use experience to guide assessment
Lima <i>et al</i> . (2018)	Psychol ogist	Por tug al	Nursing in critical care	To describe PICU nurses experiences with the sudden death of children/adolescents	NICU & PICU (n=36) Nurses Multiple PICU/NICU	Interview s & questionn aire	EoL in PICU	-Sudden death of patients resulted in significant impact on nurses -Experience helped with coping -Limited training and local support for this situation
Mahon (2014)	Nurse	Ca na da	Intensive and Critical Care Nursing	To explore PICU nurses job satisfaction through an ethnographic view of PICU	PICU Nurses (n=31) Single PICU	Interview s & observati on	Nurse as a healthcar e profession al	-Change in way nurses spoke and communicate with experience -Value on experience and education -Lack of respect and power imbalance contributes to staff leaving -Value in provision of 'good death' doesn't contribute to intent to leave
Mattsson <i>et al</i> . (2011)	Nurse	Sw ed	Journal of Child	To explore nurses' clinical experiences of	PICU Nurses (n=17)	Interview s	Healthcar e delivery	-Assessment on patient presentation

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		en	Health Care	pain in non-verbal children in the PICU	Single PICU			-Use of experience to measure pain -Need to know patient baseline
Mattsson <i>et al.</i> (2022)	Nurse	Sw ee de n	SAGE Open Nursing	To explore nurses' challenges caring for children with substance withdrawal in the PICU	PICU nurses (n=5) Single PICU	Interview s	Healthcar e delivery	-Focus on weaning to child's need not to desire to discharge from PICU -Need for correct language to communicate assessment based on experience
Medeiros <i>et al.</i> (2022)	Nurse	Bra zil	Revista Brasileira de Enfermage m	To explore staff perceptions of their relationship with families of children during palliative care in PICU	NICU & PICU nurses and nurse technicians* (n=17) PICU/NICU	Interview s	EoL in PICU	-Staff impacted by family acceptance of death -Influenced by communication of medical prognosis and false hope -Focus on care needs of child including keeping them pain free and family needs
Mesukko <i>et al</i> . (2020)	Nurse	Th aila nd	Pacific Rim Internation al Journal of Nursing Research	To explore perspective of palliative care in PICU	PICU nurses (n=41) & medical team Multiple PICU/NICU	Interview s & focus groups	EoL in PICU	-Communication essential for good pal care -Nurses should be at all planning meetings -Need for continuity of care at EoL -Nurses led symptom management related to EoL
Meyer (2014)	Nurse	US	Journal of Pediatric Nursing	To explore nurses' experiences caring for dying children	PICU Nurses (n=10) Single PICU	Interview s	EoL in PICU	-Difference in caring for children who are expected to die versus those who die unexpectedly in the same shift -When nurses realise approach of death, anxiety occurs until family updated -Step back emotionally from situation -Nurses provide care physically

								and medically and focus on creating order in the chaos
Meyer <i>et al</i> . (2012)	Nurse	US	Pediatric Critical Care Medicine	To explore practitioners' response to parents asking, 'what would you do if this is your child?' during simulation in PICU	PICU nurses (n=13) & MDT Single PICU	Simulatio n & interview s	EoL in PICU	-Focus on providing clinical information -Varied responses from practitioners including sharing personal information -Nurses focus on offering support
Michelson <i>et al</i> . (2011)	Medical	US	Pediatric Critical Care Medicine	To explore the processes used in EoL decision-making and the roles in family conferences (FC)	PICU nurses (n=23), parents & MDT Single PICU	Interview s & focus groups	EoL in PICU	-FC used to coordinate care and for communication -Nurses act as advocates -Nurses often asked questions after meeting even when not there -Nurses often absent due to competing demands
Michelson and Patel <i>et</i> <i>al.</i> (2013)	Medical	US	Pediatric Critical Care Medicine	To explore roles at end-of-life care	PICU nurses (n=23), parents & MDT Single PICU	Interview s & focus groups	EoL in PICU	-Nurses often act as family supporter and advocate -Information mainly given by medical team -Nurses often play role of secondary decision maker by censoring information given to families
Mitchell & Dale (2015)	Medical	UK	Palliative Medicine	To explore views regarding advance care planning (ACP) in pal care in PICU	PICU nurses (n=6) & medical team Single PICU	Interview S	EoL in PICU	-Failure to recognise approach of death stops ACP in practice -Nurses often recognise approach of EoL first -Considered good idea but needs MDT involvement -Moral distress when not acting in best interest of patient
Nilson <i>et al</i> . (2022)	Nurse	Bra zil	Inquiry	To explore nurses' experience of the	PICU Nurses (n=25)	Interview s	EoL in PICU	-Research allowed nurses an opportunity to discuss this

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				decision-making process related to therapeutic support limitation in PICU	Multiple PICUs			issue where they normally don't have voice -Predominantly mediator in decision-making -Feelings of frustration from exclusion
Park & Oh (2022)	Nurse	Kor ea	Child Health Nursing Research	To explore nurses and mothers' perceptions of partnership in PICU	PICU nurses (n=12) & Parents Single PICU	Interview s	Families and patients in PICU	-Differing views on partnership, nurses believe unequal due to knowledge imbalance -Focus on clinical care, reluctance to deliver information
Poompan <i>et al.</i> (2020)	Nurse	Th aila nd	Pacific Rim Internation al Journal of Nursing Research	To explore experiences of EoL care in a Thai PICU	PICU nurses (n=24) & Parents Single PICU	Interview s & observati on	EoL in PICU	-Nurses had to wait for medical team to redirect care before providing EoL care -Once change to comfort nurses lead care and support parents to make decisions and provide care -Nurses coordinate communication
Soares <i>et</i> <i>al</i> . (2020)	Nurse	Bra zil	Revista Brasileira de Enfermage m	To explore nurses' perceptions of comfort in PICU	PICU nurses (n=40) and nurse technicians* Single PICU	Interview s	Healthcar e delivery	-Nurses aim to promote comfort -Includes environmental for example noise and care specific including pain interventions
Schults <i>et</i> <i>al</i> . (2019)	Nurse	Au str alia	Australian Critical Care	To explore nursing practice of suctioning in PICU	PICU nurses (n=12) Single PICU	Interview s	Healthcar e delivery	-Nurses use experience to decide suctioning practice -Aware of lack of research- they rely on own practice
Stayer & Lockhart (2020)	Nurse	US	American Journal of Critical	To explore PICU nurses' ability to cope with death	PICU nurses (n=12)	Interview s	EoL in PICU	-Death part of the job but its emotionally demanding -Focus on providing peaceful

			Care		Single PICU			end of children -Very hard when hope taken away but harder when reluctance to talk about death by medical team
van den Bos-Boon <i>et al</i> . (2021)	Nurse	Net her lan ds	Journal of Pediatric Nursing	To explore the effectiveness of sim training in resus skills	PICU nurses (n=19) Single PICU	Interview s & simulatio n observati on	Nurse as a healthcar e profession al	-Sim training increased nurses' confidence in resus skills -Nurses had limited recognition of improvement of leadership communication during sim (traditionally medical led)
Vance <i>et al</i> . (2020)	Nurse	US	Advances in Neonatal Care	To explore perspectives in facilitating FCC	NICU & PICU Nurses (n=10) & Medical PICU/NICU	Interview s	Families and patients in PICU	-FCC nurse dependent -To promote FCC, they focused on communication to get everyone on same page -Decision-making happens ongoing not at a point in time -Unit design impacts FCC
Walter <i>et al</i> . (2019)	Medical	US	Journal of Pain and Symptom Manageme nt	To assess teamwork and communication with parents during family meetings.	PICU nurses (n=11) & medical Single PICU	Observati on & Survey	Families and patients in PICU	-Nurses' contribution focused on providing medical information related to care at the bedside -They offered support and clarified elements for families
Watson & October (2016)	Nurse	US	American Journal of Critical Care	To explore clinical nurse participation in family meetings	PICU nurses (47 survey & nurses in meetings) Single PICU	Observati on & survey	Families and patients in PICU	-A clinical nurse attended 20 (50%) of the family conferences that were audio- recorded but only made contribution in 25% of them. -Unable to attend due to clinical demands -Being present allows them to be present to hear news firsthand -nurses who did not speak said

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								they had wanted to speak, and some of the reasons provided were that they were "uncomfortable speaking," "were not asked"
Wei <i>et al.</i> (2020)	Nurse	US	Critical Care Nurse	To explore self-care to prevent burnout for staff in PICU	PICU nurses (n=13) & Medical Single PICU	Interview s	Nurse as a healthcar e profession al	-Finding meaning in work kept staff motivated -Support from colleagues important
Zheng <i>et al</i> . (2018)	Resear cher	Ca na da	Pediatric Critical Care Medicine	To explore impressions of early mobilization of critically ill children	PICU nurses (n=10), parents & MDT Single PICU	Interview s	Healthcar e delivery	-Early mobility important but not a priority -Felt like they had responsibility, but it increased workload