

Report Supplementary Materials 7 (17-99-85-supp7)

Documents identified for realist review, organised by comparable interventions, publication details, realist quality appraisal ratings, and key study characteristics

Focus of Improvement	Lead Author & Publication Year	National Context	Publication type	Ranking (Relevance)	Ranking (Rigour)	Aims and objectives	Research Design	Improvement/ Intervention Specified
Family-Clinician Relations and Care Provision	Bakhbakhi D. (2017) ¹	High-Income countries	Peer-reviewed Research	1	1	Review of latest published research, guidelines, and best practice points	Evidence Review	Stillbirth Bereavement Care
	Ellis A. (2016) ²	Western High-Income Countries	Peer-reviewed Research	2	1	Synthesis and meta synthesis of parents' and healthcare workers' experiences of maternity bereavement care in hospital settings	Systematic Literature Review	Practical learning points to improve research, training and ultimately care of parents who experience late stillbirth (<u>>24 weeks</u>)
	Downe S. (2013) ³	UK	Peer-reviewed Research	2	2	Analysis of parents' experiences and views of interactions with hospital staff after perinatal death	Qualitative	Care of parents after perinatal bereavement
	Heazell A. (2013) ⁴	International	Conference Proceeding Report	2	2	Evidence-based summary of international conference proceedings	Evidence Review	Bereavement support after stillbirth
	Make Births Better (2020) ⁵	UK	Research Report	2	2	Findings on reported access to support after a difficult birth	Survey	Birth Trauma Care and Support for Women, Families and Professionals

Clinical Skills,
Training and Post-
Incident Support

					experience. Findings on professional training and service provision for this support		
Redshaw M. (2014) ⁶	UK	Research Report	3	2	Investigation of parents' experiences of care after stillbirth or death of their baby after birth, including offering and information of post-mortem and professional support to understand the report	National Survey	Bereavement care after stillbirth or death of a baby after birth
Stanford S. (2016) ⁷	England	Peer-reviewed Article	1	1	Narrative account of experience of harmful event during maternity care; difficulties with communication and outcomes for women and family	Qualitative	Communication and candour issues, women's story, and response by a professional college
Bonnema R.A. (2009) ⁸	USA	Peer-reviewed Research	3	1	Post-intervention study of pilot training intervention to evaluate effectiveness of 'Being Open' training	Survey	'Being Open' and Breaking Bad News graduate training

Perinatal Mortality Review (Development & Evaluation)

Coughlan B. (2017) ⁹	Europe	Peer-reviewed Research	2	1	Narrative review of phenomenon of 'second victims' and remediation systems in maternity services	Evidence Review	'Second Victims' of avoidable adverse events in maternity care
Karkowsky C.E. (2016) ¹⁰	USA	Peer-reviewed Research	3	1	Assessment of trainee-assessed effectiveness of simulation training for breaking bad news situations in obstetrics	Randomised prospective trial	Simulation training with obstetric residents
Raemer D.B. (2016) ¹¹	USA	Peer-reviewed Research	1	1	Testing of best practice guideline for disclosure and apology to improve communication performance	Randomised Trial	Mixed-realism simulation
Bakhbakhi D. (2017b) ¹²	England	Peer-reviewed Research	1	1	Analysis of bereaved parents' views on involvement in the perinatal mortality review process	Qualitative	Parents' Active Role and Engagement in The review of their Stillbirth/perinatal death (PARENTS) perinatal mortality review design portfolio
Bakhbakhi D. (2018) ¹³	England	Peer-reviewed Research	1	1	Exploration of healthcare professionals' views on acceptability of and support for parent engagement in the perinatal mortality review process	Qualitative	PARENTS perinatal mortality review design portfolio

Bakbakhi D. (2019) ¹⁴	England	Peer-reviewed Research	1	1	Development of core principles and recommendations for parental engagement in Perinatal Mortality Review Tool	Qualitative	PARENTS perinatal mortality review design portfolio
Boyle et al (2020) ¹⁵	High-income countries	Peer-reviewed Research	2	1	Investigation of perinatal mortality review meeting practices, including the extent of parent engagement, as reported by healthcare professionals in six countries	Survey	Perinatal mortality review meetings
Burden C.B. (2018) ¹⁶	England	Report	2	2	Summary of evidence-based policy recommendations arising from the PARENTS studies	Evidence Summary	PARENTS perinatal mortality review design portfolio
Chepkin S. (2019) ¹⁷	England	Research Report	1	2	First annual report on progress of implementation of the perinatal mortality review tool	Thematic Review	Perinatal Mortality Review Tool Progress Report
Kurinczick J.J. (2020) ¹⁸	England	Progress Report	1	2	Second annual report of progress of the national perinatal mortality review tool	Thematic review	Perinatal Mortality Review Tool Progress Report
Sauvegrain P.	France	Peer-	1	1	Examination of	Mixed	District-level Perinatal

Organisation of Service Level Pilots & Evaluations

(2020) ¹⁹		reviewed Research			effects of implementation of mother's inclusion in perinatal mortality audit interviews	methods	Mortality Audit
Bennett J.B. (2016) ²⁰	Scotland	Conference Presentation	1	3	Summary of principles, requirements, and initial outcomes of the 'Being Open' project (for scalability of training package)	Progress Summary	'Being Open' Scotland
Gluyas H. (2011) ²¹	Australia	Peer-reviewed Research	2	1	Case study of hospital-level changes following an inquiry to review the quality of obstetric and gynaecological services	Qualitative	Clinical Governance
Healthcare Improvement Scotland (2015) ²²	Scotland	Resources with evidence of effect	1	2	Checklists, resources, and outcomes evidence developed for 'Being Open' pilot	Qualitative	'Being Open' training and staff support pilot resource
Hendrich A. (2014) ²³	USA	Peer-reviewed Research	1	1	Case study of implementation of full disclosure protocol in 5 pilot sites (one organisation)	Mixed methods	Labour and delivery units
Pillinger J.P. (2016) ²⁴	Ireland	Research Report	1	2	Process evaluation of implementation of open disclosure	Qualitative	Trust Pilot Schemes

National and Regional Interventions,
Evaluations & Audits

					pilot programme piloted in 2 acute hospitals (including maternity units)		
	Santos P. (2015) ²⁵	USA	Peer-reviewed Research	2	1	Evaluation of a multi-faceted model for managing malpractice in obstetrics, including a disclosure programme	Qualitative Disclosure Programme
	Scholefield H. (2007) ²⁶	England	Peer-reviewed research	1	1	Organisational case-study of improvement in quality and risk management processes in obstetrics, including parent involvement in adverse events	Document analysis Internal Trust Investigations/Local Review
	Care Quality Commission (2016) ²⁷	England	Research Report	1	2	Review of processes and systems in NHS Trusts in England on how NHS trusts identify, investigate, and learn from the deaths of people under their care	Mixed methods NHS Trust Investigations and Reviews of deaths of patients (including maternity units) Local Review
	Care Quality Commission (2019) ²⁸	England	Research Report	1	2	Review progress and examples of good practice in	Qualitative Learning from Deaths guidance implementation

					implementation of the learning from deaths guidance		
Health Service Investigation Branch (2020) ²⁹	England	Progress Report	1	2	Report on progress of engagement of families in independent investigations	Survey	Family involvement in external investigations of serious incidents (including maternity incidents)
Iedema R.A. (2008) ³⁰	Australia	Peer-reviewed Research	1	1	Determination of which aspects of open disclosure 'work' for patients and healthcare staff (including maternity services)	Qualitative	Australian Open Disclosure pilot
Iedema R.A. (2008) ³¹	Australia	Peer-reviewed Research	1	1	Exploration of patients' and family perceptions of Open Disclosure of adverse events that occurred during their health care (including maternity care)	Qualitative	Australian Open Disclosure pilot
Kenyon S. (2017) ³²	England	Research Report	2	2	Examination of local reviews of a random selection of eligible cases reported to the perinatal confidential enquiry on inter-partum and intra-partum related neonatal death, including parent	Thematic review	Trust-based local reviews of inter-partum and intra-partum related neonatal death

Magro, M. (2017) ³³	England	Research Report	1	2	notification and involvement Thematic review of NHSR data to identify the clinical and non-clinical themes from cerebral palsy claim records that resulted in claim compensation and to highlight areas for shared learning and improvement, including family involvement in serious incident reviews	Thematic Review	Serious incident Investigation summaries submitted to NIHR for progression of cerebral palsy claim
NHS Improvement (2018) ³⁴	England	Research Report	1	2	National consultation (of patients, families, the public, commissioners, providers, and professional bodies) on factors affecting serious incident investigations (including maternity) in NHS Trusts	Mixed methods	Serious Incident Framework Implementation
NHS Resolution (2019) ³⁵	England	Progress Report	1	2	Analysis of a pragmatic sample of cases of potentially severe	Mixed-Methods Thematic Review	Early Notification Scheme progress report

Comment [NS1]: Check that this one is right (the ref)

					brain injured babies reported into year 1 of the Early Notification Scheme, including notification and communication with families		
Quinn A.M. (2008) ³⁶	USA	Peer-reviewed Research	2	1	Description of origins and outcomes of 3Rs programme for patients, physicians, and programme officers (including maternity)	Qualitative	The 3Rs programme (early disclosure and resolution program)
Sakala C. (2013) ³⁷	USA	Peer-reviewed Research	3	1	Literature synthesis of policy strategies most likely to mitigate harmful effects of the liability (tort) system for families	Evidence Review	Liability Systems
Sorensen R. (2008) ³⁸	Australia	Peer-reviewed Research	1	1	Analysis of views on open disclosure of medical errors by health care professionals and managers and identification of workforce and systems capabilities required for embedding disclosure in units	Qualitative	Australian Open Disclosure Pilot

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