

Supplementary File S1. Detailed search strategy

Database search results (from inception to November 30th, 2023): 330

MEDLINE (accessed through Pubmed) (from inception to November 30th, 2023): 80

("fetal blood"[MeSH Terms] OR ("fetal"[All Fields] AND "blood"[All Fields]) OR "fetal blood"[All Fields] OR ("umbilical"[All Fields] AND "cord"[All Fields] AND "blood"[All Fields]) OR "umbilical cord blood"[All Fields]) AND ("bank s"[All Fields] OR "banked"[All Fields] OR "banking"[All Fields] OR "banks"[All Fields]) AND ("knowledge"[MeSH Terms] OR "knowledge"[All Fields] OR "knowledge s"[All Fields] OR "knowledgeability"[All Fields] OR "knowledgeable"[All Fields] OR "knowledgeably"[All Fields] OR "knowledges"[All Fields] OR ("attitude"[MeSH Terms] OR "attitude"[All Fields] OR "attitudes"[All Fields] OR "attitude s"[All Fields]) OR ("inform"[All Fields] OR "informal"[All Fields] OR "informality"[All Fields] OR "informally"[All Fields] OR "informant"[All Fields] OR "informant s"[All Fields] OR "informants"[All Fields] OR "information"[All Fields] OR "information s"[All Fields] OR "informational"[All Fields] OR "informations"[All Fields] OR "informative"[All Fields] OR "informatively"[All Fields] OR "informativeness"[All Fields] OR "informativity"[All Fields] OR "informed"[All Fields] OR "informer"[All Fields] OR "informers"[All Fields] OR "informing"[All Fields] OR "informs"[All Fields])) AND (classicalarticle[Filter] OR clinicalstudy[Filter] OR comparativestudy[Filter] OR evaluationstudy[Filter] OR observationalstudy[Filter] OR researchsupportamericanrecoveryandinvestmentact[Filter] OR researchsupportnihextramural[Filter] OR researchsupportnihintramural[Filter] OR researchsupportnonusgovt[Filter] OR researchsupportusgovtnonphs[Filter] OR researchsupportusgovtphs[Filter] OR researchsupportusgovernment[Filter])

EMBASE (from inception to November 30th, 2023): 150

('umbilical cord blood banking' OR (('umbilical'/exp OR umbilical) AND cord AND ('blood'/exp OR blood) AND banking)) AND ('knowledge'/exp OR knowledge OR 'attitude'/exp OR attitude OR 'information'/exp OR information) AND 'article'/it

Scopus: 100

TITLE-ABS-KEY (umbilical AND cord AND blood AND banking AND (knowledge OR attitude OR information)) AND PUBYEAR > 1991 AND PUBYEAR < 2024 AND (LIMIT-TO (DOCTYPE , "ar"))

Scielo.br (from inception to November 30th, 2023): 0

umbilical cord blood banking and (knowledge or attitude or information)

PROSPERO (from inception to November 30th, 2023): 0

umbilical cord blood banking and (knowledge or attitude or information)

CINAHL (from inception to November 30th, 2023):0
umbilical cord blood banking and (knowledge or attitude or information)

PsycINFO (from inception to November 30th, 2023): 0
umbilical cord blood banking and (knowledge or attitude or information)

AMED (from inception to November 30th, 2023): 0
umbilical cord blood banking and (knowledge or attitude or information)

LILACS (from inception to November 30th, 2023): 0
umbilical cord blood banking and (knowledge or attitude or information)

Duplicate removal (Endnote “Find duplicate” features): 87

Excluded articles with reason for exclusion after full text assessment

Article	Reason for exclusion
<p>1. Peberdy L, Young J, Massey DL, Kearney L. Parents' knowledge, awareness and attitudes of cord blood donation and banking options: an integrative review. BMC Pregnancy Childbirth. 2018 Oct 10;18(1):395. doi: 10.1186/s12884-018-2024-6.</p>	Review
<p>2. Pisula A, Sienicka A, Stachyra K, Kacperczyk-Bartnik J, Bartnik P, Dobrowolska-Redo A, Romejko-Wolniewicz E. Women's attitude towards umbilical cord blood banking in Poland. Cell Tissue Bank. 2021 Dec;22(4):587-596. doi: 10.1007/s10561-021-09914-y.</p>	No population of interest
<p>3. Karagiorgou LZ, Pantazopoulou MN, Mainas NC, Beloukas AI, Kriebardis AG. Knowledge about umbilical cord blood banking among Greek citizens. Blood Transfus. 2014 Jan;12 Suppl 1(Suppl 1):s353-60. doi: 10.2450/2013.0297-12. Epub 2013 Oct 3.</p>	No population of interest
<p>4. Petrini C. Ethical issues in umbilical cord blood banking: a comparative analysis of documents from national and international institutions. Transfusion. 2013 Apr;53(4):902-10. doi: 10.1111/j.1537-2995.2012.03824.x. Epub 2012 Jul 31.</p>	Commentary
<p>5. Armson BA, Allan DS, Casper RF. Umbilical Cord Blood: Counselling, Collection, and Banking. J Obstet Gynaecol Can. 2015 Sep;37(9):832-844. doi: 10.1016/S1701-2163(15)30157-2.</p>	Review
<p>6. Fox NS, Chervenak FA, McCullough LB. Ethical considerations in umbilical cord blood banking. Obstet Gynecol. 2008 Jan;111(1):178-82. doi: 10.1097/01.AOG.0000295935.29407.4b.</p>	Commentary
<p>7. Gupta V, Agarwal L, Ballal P, Pandey D. Cord Blood Banking: Antenatal Care</p>	Out of topic

Provider's Roles and Responsibilities. Stem Cells Int.
2019 Mar 7;2019:3598404.
doi: 10.1155/2019/3598404.

8. Matsumoto MM, Dajani R, Khader Y, Matthews KR. No population of interest
Assessing women's knowledge
and attitudes toward cord blood banking: policy and
ethical implications for
Jordan. Transfusion. 2016 Aug;56(8):2052-61. doi:
10.1111/trf.13650.

9. Grieco D, Lacetera N, Macis M, Di Martino D. Out of topic
Motivating Cord Blood Donation
with Information and Behavioral Nudges. Sci Rep. 2018
Jan 10;8(1):252. doi:
10.1038/s41598-017-18679-y.

10. Parco S, Vascotto F, Visconti P. Public banking of Out of topic
umbilical cord blood or
storage in a private bank: testing social and ethical policy
in northeastern
Italy. J Blood Med. 2013 Apr 10;4:23-9. doi:
10.2147/JBM.S41532.

11. Herlihy MM, Delpapa EH. Obstetricians and their Commentary
role in cord blood banking:
promoting a public model. Obstet Gynecol. 2013
Apr;121(4):851-855. doi:
10.1097/AOG.0b013e31828882aa.

12. Marcon AR, Murdoch B, Caulfield T. Peddling Out of topic
promise? An analysis of private
umbilical cord blood banking company websites in
Canada. Cell Tissue Bank. 2021
Dec;22(4):609-622. doi: 10.1007/s10561-021-09919-7.

13. Broder SM, Ponsaran RS, Goldenberg AJ. US public Out of topic
cord blood banking
practices: recruitment, donation, and the timing of
consent. Transfusion. 2013
Mar;53(3):679-87. doi: 10.1111/j.1537-
2995.2012.03785.x.

14. Manegold G, Meyer-Monard S, Tichelli A, Granado No outcome of interest
C, Hösli I, Troeger C.
Controversies in hybrid banking: attitudes of Swiss public
umbilical cord blood

donors toward private and public banking. Arch Gynecol
Obstet. 2011
Jul;284(1):99-104. doi: 10.1007/s00404-010-1607-x.

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| 15. Perlow JH. Patients' knowledge of umbilical cord
blood banking. J Reprod
Med. 2006 Aug;51(8):642-8. PMID: 16967635. | Unretrievable Full-text |
| 16. Peberdy L, Young J, Massey D, Kearney L. Maternity
health professionals'
perspectives of cord clamp timing, cord blood banking
and cord blood donation: a
qualitative study. BMC Pregnancy Childbirth. 2020 Jul
16;20(1):410. | Out of topic |
| 17. Danzer E, Holzgreve W, Troeger C, Kostka U,
Steimann S, Bitzer J, Gratwohl
A, Tichelli A, Seelmann K, Surbek DV. Attitudes of Swiss
mothers toward
unrelated umbilical cord blood banking 6 months after
donation. Transfusion.
2003 May;43(5):604-8. doi: 10.1046/j.1537-
2995.2003.00375.x. | No population of interest |
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