



Article

What matters to women: a systematic scoping review to identify the processes and outcomes of antenatal care provision that are important to healthy pregnant women

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Table 1: Final analytic framework (1): positive pregnancy experience

Themes	Subthemes	Studies including these themes (step two in black, step three in red)	Country/quality score (Step two in black, step three in red)	Comment
Positive pregnancy Achievement/maintenance of optimal health and psycho-social wellbeing for mother and baby	Socio-cultural normality	1, 6, 7, 11, 16, 17, 18, 24, 27, 31, 32, 34, 38	Turkey (B), Indonesia (B), Ghana (B), Taiwan (B), Gambia (B), Brazil (B) USA (B), Mozambique (B), UK (A), USA (B-), Swaziland (B), USA (B), Thailand (B+)	Even where pregnancy is unwanted, but kept. In some settings this is about demonstrably following the biomedical model, in others it is the opposite
	Healthy pregnancy/normal birth/healthy baby	1, 2, 4, 6, 7, 8, 9, 11, 12, 18, 19, 23, 25, 28, 32, 34, 36, 37, 38	Turkey (B), Vietnam (B), USA (B), Indonesia (B), Ghana (B), Ghana (B-), Brazil (C), Taiwan (B), Jordon (C), USA (B), USA (B), USA (B), Argentina (C-), Sweden (B), Swaziland (B), USA (B), Canada (B), Finland (B-), Thailand (B+)	Including support and promotion of wellbeing and prevention of death and morbidity in mother and baby
	Effective transition through the childbirth continuing, including positive labour and birth	4, 9, 13, 19, 21, 28, 30, 34, 35, 36, 37, 38	USA (B), Brazil (C), Mexico (B), USA (B), Canada (B), Sweden (B), Brazil (B), USA (B), Brazil (B), Canada (B), Canada (B), Finland (B-), Thailand (B+)	Even where pregnancy is unwanted, but kept. Including being validated in her beliefs, social circumstances, interpretations of the health or otherwise of her pregnancy based on embodied/cultural experiences and norms
	Positive mothering, maternal self-esteem, competence, autonomy	18, 9, 11, 17, 18, 21, 23, 28, 34, 37	USA (B), Brazil (C), Taiwan (B), Brazil (B), USA (B), Canada (B), , USA (B), Sweden (B), USA (B), Canada (B), Finland (B-)	Including validation of embodied experiences and interpretations.

Table 2: Final analytic framework (2): core components for effective ANC provision

Themes	Subthemes	Studies including these themes (step two in black, step three in red)	Country/quality score (Step two in black, step three in red)	Comment
Care practices	Traditional/spiritual/religious	1, 6, 7, 8, 9, 11, 12, 13, 14, 15, 16, 17, 18, 20, 24, 27, 28, 32, 33, 34, 38	Turkey (B), Indonesia (B), Ghana (B-), Ghana (C-), Brazil (C), Taiwan (B), Jordan (C), Mexico (B), Brazil (C+), USA (B), Gambia (B), Brazil (B); USA (B), Mixed (C-), Mozambique (B), UK (A), Sweden (B), Swaziland (B), Mexico (A-), USA (B) Thailand (B+)	Including prayer and traditional remedies to reduce spiritual threat, power of religious belief in dictating pregnancy norms, religious fasting during pregnancy. Including awakening sense of (non-religious) spirituality. In some cases, fatalism (adverse outcomes are 'Gods will')
	Biomedical/clinical	1, 4, 5, 6, 7, 8, 9, 10, 14, 15, 16, 20, 23, 24, 30, 31, 33, 35, 37	Turkey (B), USA (B), Sweden (B), Indonesia (B), Ghana (B), (Ghana (B-), Brazil (C), (Brazil (B-), Brazil (C+), USA (B), Gambia (B), Mixed (C-), USA (B), Mozambique (B), Brazil (B), USA (B-), Mexico (A-), Brazil (B), Finland (B-)	Some studies note women like u/s scans to decrease anxiety/increase a sense of the reality of the baby (sometimes for detection of fetal gender)
	Integration of traditional & biomedical	6, 7, 8, 12, 15, 20, 24, 31, 32, 33, 34, 38	Indonesia (B), Ghana (B), Ghana (B-), Jordan (C), USA (B), USA (B), Mozambique (B), USA (B-) Swaziland (B), Mexico (A-), USA (B), Thailand (B+)	
Information	Physiological	2, 5, 7, 10, 11, 12, 14, 15, 17, 18, 20, 21, 23, 25, 27, 30, 31, 33, 34, 36, 37	Vietnam (B), Sweden (B), Ghana (B), Brazil (B-), Taiwan (B), Jordan (C), Brazil (C+), USA (B), Brazil (B), USA (B), Mixed (C-), Canada (B), USA (B), Argentina (C-), UK (A), Brazil (B), USA (B-), Mexico (A-), USA (B), Canada (B), Finland (B-)	Including recognition of importance of and ways of dealing with minor disorders of pregnancy; and advice about optimum maternal nutrition (what kinds of food, how to prepare and cook it and etc), and what to do about religious fasting; (how to restore) negative body image re physical changes; and interpreting wellbeing/illness through embodied physical sensations: sought from formal caregivers and/or relatives/friends/cultural norms
	Biomedical	2, 4, 5, 7, 9, 12, 13, 14, 15, 16, 20, 30, 31, 36, 37	Vietnam (B), USA (B), Sweden (B), Ghana (B), Brazil (C), Jordan (C), Mexico (B), Brazil (C+), USA (B), Gambia (B), Mixed (C-), Brazil (B), USA (B-), Canada (B), Finland (B-)	Sometimes overriding physiological knowledge and sensations, sometimes balanced with them (even when these are apparently in conflict; which can lead to tension and a sense of guilt)
	Behavioral/socio-cultural	2, 7, 10, 11, 12, 14, 15, 16, 17, 18, 21, 31, 32, 33, 36, 37	Vietnam (B), Sweden (B), Ghana (B), Taiwan (B), Jordan (C), Brazil (C+), USA (B), Gambia (B), Brazil (B), USA (B), Canada (B), USA (B-), Swaziland (B), Mexico (A-), Canada (B), Finland (B-)	Including how to care for the baby/how to be healthy/dealing and/or integrating with local socio-cultural norms/cross-generational experiential information; sought from formal and informal sources
Support	Social	1, 5, 8, 12, 15, 16, 17, 18, 21, 22, 28, 29, 30, 33, 34, 35, 37,	Turkey (B), Sweden (B), Jordan (C), Ghana (B-), USA (B), Gambia (B), USA (B), Canada (B), USA (B), Sweden (B), USA (B), Brazil (B), Mexico (A-), USA (B), Brazil (B), Finland (B-),	Including 'being pampered'/friendship, support from fathers of baby/family, (help when they are rejected by)partners/families/friends/society, social support of groups (formal and informal), positive relationships, knowing people care about you
	Cultural	1, 6, 8, 7, 11, 12, 15, 16, 17, 18, 24, 25, 27, 32, 33, 34, 35, 38	Turkey (B), Indonesia (B), Ghjana (B-), Ghana (B), Taiwan (B), Jordan (C), USA (B), Gambia (B), Brazil (B), USA (B), Mozambique (B), Argentina (C-), UK (A), Swaziland (B), Mexico (A-), USA (B), Brazil (B), Thailand (B+)	Including (support for/resistance to) cultural norms
	Emotional	5, 6, 8, 9, 12, 13, 14, 16, 17, 18, 19, 24, 28, 29, 30, 31, 34, 35, 36, 37	Sweden (B), Indonesia (B), Ghana (B-), Brazil (C), Jordan (C), Mexico (B), Brazil (C+), Gambia (B), Brazil (B), USA (B), USA (B), Mozambique (B), Sweden (B), USA (B), Brazil (B), USA (B-), USA(B), Brazil (B), Canada (B), Finland (B-)	Including emotional support for fathers; for women with unwanted pregnancies, for those who fear death in childbirth (or who have other fears, including of the evil eye/husbands leaving them if the pregnancy is disclosed but doesn't turn out well); including emotional sensations as guides for wellbeing/healthy pregnancy or otherwise. Building/reinforcing positive relationships; knowing you are cared about/for
	Psychological	5, 7, 8, 9, 11, 12, 14, 15, 16, 17, 18, 19, 21, 24, 26, 28, 30, 37	Sweden (B), Ghana (B), Ghana (B-), Brazil (C), Taiwan (B), Jordan (C), Brazil (C+), USA (B), Gambia (B), USA (B), Brazil (B), USA (B), Canada (B), Mozambique (B), Brazil (B), Sweden (B), Brazil (B), Finland (B-)	Including 'being lonely/alone' and need for support to reduce perceived spiritual threat/actual social threat, or to deal with frightening dreams/intrusive thoughts: the effects of previous traumatic experiences

