Supplementary

Appendix 1

Search date 2022.5.30-6.1

PubMed 265
(((((((((Meconium aspiration syndrome[Mesh]) OR (Meconium aspiration syndrome[Title/Abstract]) OR (Meconium aspiration syndrome[Title/Abstract])) OR (Aspiration Syndrome, Meconium[Title/Abstract])) OR (Syndrome, Meconium Aspiration[Title/Abstract])) OR (Meconium Aspiration[Title/Abstract])) OR (Aspiration, Meconium[Title/Abstract])) OR (Meconium Inhalation[Title/Abstract])) AND ((((((((((“Infant, Newborn”[Mesh]) OR (Infant, Newborn[Title/Abstract])) OR (Infants, Newborn[Title/Abstract])) OR (Newborn Infant[Title/Abstract])) OR (Newborn Infants[Title/Abstract])) OR (Newborns[Title/Abstract])) OR (Newborn[Title/Abstract])) OR (Neonate[Title/Abstract])) OR (Neonates[Title/Abstract])) OR (Infant[Title/Abstract])) OR (Infants[Title/Abstract]))) AND ((((((((((((((((((“Risk Factors”[Mesh]) OR (Risk Factors[Title/Abstract])) OR (Factor, Risk[Title/Abstract])) OR (Risk Factor[Title/Abstract])) OR (Social Risk Factors[Title/Abstract])) OR (Factor, Social Risk[Title/Abstract])) OR (Factors, Social Risk[Title/Abstract])) OR (Risk Factor, Social[Title/Abstract])) OR (Risk Factors, Social[Title/Abstract])) OR (Social Risk Factor[Title/Abstract])) OR (Health Correlates[Title/Abstract])) OR (Correlates, Health[Title/Abstract])) OR (Population at Risk[Title/Abstract])) OR (Populations at Risk[Title/Abstract])) OR (Risk Scores[Title/Abstract])) OR (Risk Score[Title/Abstract])) OR (Score, Risk[Title/Abstract])) OR (Risk Factor Scores[Title/Abstract])) OR (Risk Factor Score[Title/Abstract])) OR (Score, Risk Factor[Title/Abstract]))

EMBASE.com 419
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WOB 577
http://www.webofscience.com/wos/alldb/summary/eadaf559-9e5e-462a-878c-225c63f41115-3b65c535/relevance/1
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AND ((((((((((TS=(Infant, Newborn)) OR TS=(Infant)) OR TS=(Infants, Newborn)) OR TS=(Newborn Infant)) OR TS=(Newborn Infants)) OR TS=(Newborns)) OR TS=(Newborn)) OR TS=(Neonate)) OR TS=(Neonates)) OR TS=(Infants)
AND

Ovid medline 265
Ovid MEDLINE(R) ALL <1946 to May 27, 2022>

exp Meconium aspiration syndrome/ OR Meconium aspiration syndrome.mp OR Aspiration Syndrome, Meconium.mp OR Syndrome, Meconium Aspiration.mp OR Meconium Aspiration.mp OR Aspiration, Meconium.mp OR Meconium Inhalation.mp 2013
AND exp Infant, Newborn/ OR exp Infant/ OR Infant, Newborn.mp OR Infants, Newborn.mp OR Newborn Infant.mp OR Newborn Infants.mp OR Newborns.mp OR Newborn.mp OR Neonate.mp OR Neonates.mp OR Infant.mp OR Infants.mp
AND exp Risk Factors/ OR Risk Factors.mp OR Factor, Risk.mp OR Risk Factor.mp OR Social Risk Factors.mp OR Factor, Social Risk.mp OR Factors, Social Risk.mp OR Risk Factor, Social.mp OR Risk Factors, Social.mp OR Social Risk Factor.mp OR Health Correlates.mp OR Correlates, Health.mp OR Population at Risk.mp OR Populations at Risk.mp OR Risk Scores.mp OR Risk Score.mp OR Score, Risk.mp OR Risk Factor Scores.mp OR Risk Factor Score.mp OR Score, Risk Factor.mp 1312081

Scopus 515
(TITLE-ABS-KEY (“Meconium aspiration syndrome” OR “Meconium aspiration syndrome” OR “Meconium aspiration syndrome” OR “Aspiration Syndrome, Meconium” OR “Syndrome, Meconium Aspiration” OR “Meconium Aspiration” OR “Aspiration, Meconium” OR “Meconium Inhalation”) AND TITLE-ABS-KEY (“Newborn” OR “Infant” OR “Infant, Newborn” OR “Infants, Newborn” OR “Newborn Infant” OR “Newborn Infants” OR “Newborns” OR “Newborn” OR “Neonate” OR “Neonates” OR “Infant” OR “Infants”) AND TITLE-ABS-KEY (“Risk Factor” OR “Risk Factors” OR “Factor, Risk” OR “Risk Factor” OR “Social Risk Factors” OR “Factor, Social Risk” OR “Factors, Social Risk” OR “Risk Factor, Social” OR “Risk Factors, Social” OR “Social Risk Factor” OR "Health Correlates" OR “Correlates, Health” OR “Population at Risk” OR “Populations at Risk” OR “Risk Scores” OR “Risk Score” OR “Score, Risk” OR “Risk Factor Scores” OR “Risk Factor Score” OR “Score, Risk Factor”))

Cochrane 46
Search Name:
Date Run: 01/06/2022 01:41:22
Comment:

ID	Search	Hits
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#2	(Meconium Aspiration Syndrome):ti,ab,kw OR (Meconium Inhalation):ti,ab,kw OR (Meconium Aspiration):ti,ab,kw OR (Aspiration, Meconium):ti,ab,kw OR (Aspiration Syndrome, Meconium):ti,ab,kw	311
#3	(Syndrome, Meconium Aspiration):ti,ab,kw	256
#4	{OR #1, #2, #3}	311
#5	MeSH descriptor: [Infant, Newborn] explode all trees	17497
#6	(Infants, Newborn):ti,ab,kw OR (Newborns):ti,ab,kw OR (Newborn):ti,ab,kw OR (Neonates):ti,ab,kw OR (Newborn Infants):ti,ab,kw	33140
#7	(Newborn Infant):ti,ab,kw OR (Neonate):ti,ab,kw	23111
#8	{OR #5, #6, #7}	33803
#9	MeSH descriptor: [Risk Factors] explode all trees	26247
#10	(Populations at Risk):ti,ab,kw OR (Population at Risk):ti,ab,kw OR (Correlates, Health):ti,ab,kw OR (Health Correlates):ti,ab,kw OR (Risk Factor):ti,ab,kw	86352
#11	(Factor, Risk):ti,ab,kw OR (Risk Factors, Social):ti,ab,kw OR (Social Risk Factor):ti,ab,kw OR (Risk Factor, Social):ti,ab,kw OR (Factors, Social Risk):ti,ab,kw	50942
#12	(Factor, Social Risk):ti,ab,kw OR (Social Risk Factor):ti,ab,kw OR (Risk Factor Score):ti,ab,kw OR (Risk Factor Scores):ti,ab,kw OR (Risk Score):ti,ab,kw	36609
#13	(Risk Scores):ti,ab,kw OR (Score, Risk Factor):ti,ab,kw OR (Score, Risk):ti,ab,kw	43540
#14	{OR #9, #10, #11, #12, #13}	131016
#15	{AND #4, #8, #14}	46

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Table S1 Summary of excluded fully read studies

Authors	Title	Year	Journal
Choi W., *et al.*	Risk factors differentiating mild/moderate from severe meconium aspiration syndrome in meconium-stained neonates	2015	*Obstetrics & Gynecology Science*
Kalra V. K., *et al.*	Change in neonatal resuscitation guidelines and trends in incidence of meconium aspiration syndrome in California	2020	*Journal of Perinatology*
Sandal G, *et al.*	The admission rate in neonatal intensive care units of newborns born to adolescent mothers	2011	*Journal of Maternal-Fetal and Neonatal Medicine*
Shah N, *et al.*	Comparision of obstetric outcome among teenage and non-teenage mothers from three tertiary care hospitals of Sindh, Pakistan	2011	*Journal of the Pakistan Medical Association*
Wertheimer A, *et al.*	The effect of meconium-stained amniotic fluid on perinatal outcome in pregnancies complicated by preterm premature rupture of membranes	2020	*Archives of Gynecology and Obstetrics*
Persson M, *et al.*	Maternal Overweight and Obesity and Risks of Severe Birth-Asphyxia-Related Complications in Term Infants: A Population-Based Cohort Study in Sweden	2014	*PLoS Medicine*
Hofer N, *et al.*	Meconium aspiration syndrome - A 21-years' experience from a tertiary care center and analysis of risk factors for predicting disease severity	2013	*Klinische Padiatrie*
Lin H. C, *et al.*	Meconium aspiration syndrome: Experiences in Taiwan	2008	*Journal of Perinatology*
Mohammad N, *et al.*	Meconium stained liquor and its neonatal outcome	2018	*Pakistan Journal of Medical Sciences*
Hiersch L, *et al.*	Meconium-Stained Amniotic Fluid and Neonatal Morbidity in Low-Risk Pregnancies at Term: The Effect of Gestational Age	2017	*American Journal of Perinatology*
Pariente Gali, *et al.*	Meconium-stained amniotic fluid--risk factors and immediate perinatal outcomes among SGA infants	2015	*The Journal of Maternal-fetal & Neonatal Medicine*
Raman Ts Raghu and Jayaprakash D G	Neonatal outcome in meconium stained deliveries - a prospective study	1997	*Medical Journal, Armed Forces India*
Shah S C, *et al.*	Neonatal outcome of macrosomia	2020	*Journal of Nepal Paediatric Society*
Janssen P A, *et al.*	Outcomes of planned home births versus planned hospital births after regulation of midwifery in British Columbia	2002	*CMAJ*
Malik A S, *et al.*	Prelabour rupture of membranes and neonatal morbidity in level II nursery in Kelantan	1994	*The Medical journal of Malaysia*
Urbaniak K J, *et al.*	Risk factors for meconium-aspiration syndrome	1996	*Australian and New Zealand Journal of Obstetrics and Gynaecology*
Addisu Dagne, *et al.*	Prevalence of meconium stained amniotic fluid and its associated factors among women who gave birth at term in Felege Hiwot comprehensive specialized referral hospital, North West Ethiopia: a facility based cross-sectional study	2018	*BMC pregnancy and childbirth*
Adhikari M, *et al.*	Meconium aspiration in South Africa	1995	*South African Medical Journal*
Adhikari S, *et al.*	Morbidities and Outcome of a Neonatal Intensive Care in Western Nepal	2017	*The Journal of the Nepal Health Research Council*
Ahi S, *et al.*	Correlation between Maternal Vitamin D and Thyroid Function in Pregnancy with Maternal and Neonatal Outcomes: A Cross-Sectional Study	2022	*International Journal of Endocrinology*
Arbib N, *et al.*	The pre-gestational triglycerides and high-density lipoprotein cholesterol ratio is associated with adverse perinatal outcomes: A retrospective cohort analysis	2020	*International Journal of Gynecology and Obstetrics*
Baloch K, *et al.*	Assessment of Neonatal Respiratory Distress Incidences with Causes, Mortality and Morbidity in a Tertiary Care Hospital	2020	*Journal of Pharmaceutical Research International*
Baseer Khaled A, *et al.*	Risk Factors of Respiratory Diseases Among Neonates in Neonatal Intensive Care Unit of Qena University Hospital, Egypt	2020	*Annals of Global Health*
Beaver K M and Wright J P	Evaluating the effects of birth complications on low self-control in a sample of twins	2005	*International Journal of Offender Therapy and Comparative Criminology*
Benny P S, *et al.*	Meconium aspiration - role of obstetric factors and suction	1987	*Australian and New Zealand Journal of Obstetrics and Gynaecology*
Bjorkman K and Wesstrom J	Risk for girls can be adversely affected post-term due to underestimation of gestational age by ultrasound in the second trimester	2015	*Acta Obstetricia et Gynecologica Scandinavica*
Bogomazova I M, *et al.*	Neonatal meconium aspiration: Risk factors and adaptation by the newborns	2019	*Obstetrics, Gynecology and Reproduction*
Bowe S, *et al.*	The association between placenta-associated circulating biomarkers and composite adverse delivery outcome of a likely placental cause in healthy post-date pregnancies	2021	*Acta Obstetricia et Gynecologica Scandinavica*
Brocklehurst P, *et al.*	Perinatal and maternal outcomes by planned place of birth for healthy women with low risk pregnancies: The Birthplace in England national prospective cohort study	2012	*BMJ (Online)*
Caughey A B, *et al.*	Neonatal complications of term pregnancy: Rates by gestational age increase in a continuous, not threshold, fashion	2005	*American Journal of Obstetrics And Gynecology*
Cavallin F, *et al.*	Risk factors for mortality among neonates admitted to a special care unit in a low-resource setting	2020	*BMC Pregnancy and Childbirth*
Chand Saroop, *et al.*	Factors Leading To Meconium Aspiration Syndrome in Term- and Post-term Neonates	2019	*CUREUS*
Cheng Yvonne W, *et al.*	The association between persistent occiput posterior position and neonatal outcomes	2006	*Obstetrics and Gynecology*
Colvin Z, *et al.*	Duration of labor induction in nulliparous women with hypertensive disorders of pregnancy and maternal and neonatal outcomes	2020	*Journal of Maternal-Fetal and Neonatal Medicine*
Conway D L, *et al.*	Isolated oligohydramnios in the term pregnancy: is it a clinical entity?	1998	*Journal of Maternal-Fetal and Neonatal Medicine*
Currie J and Rossin-Slater M	Weathering the storm: hurricanes and birth outcomes	2013	*Journal of Health Economics*
Dargaville P A and Copnell B	The epidemiology of meconium aspiration syndrome: Incidence, risk factors, therapies, and outcome	2006	*Pediatrics*
Darling E K, *et al.*	Distance from Home Birth to Emergency Obstetric Services and Neonatal Outcomes: A Cohort Study	2019	*Journal of midwifery & women's health*
David A N, *et al.*	Incidence of and factors associated with meconium staining of the amniotic fluid in a Nigerian University Teaching Hospital	2006	*Journal of Obstetrics and Gynaecology*
De Oliveira C A, *et al.*	Hypertensive syndromes during pregnancy and perinatal outcomes	2006	*Revista Brasileira de Saude Materno Infantil*
Duran R, *et al.*	The impact of Neonatal Resuscitation Program courses on mortality and morbidity of newborn infants with perinatal asphyxia	2008	*Brain & Development*
Espinheira M C, *et al.*	Meconium aspiration syndrome - the experience of a tertiary center	2011	*Revista Portuguesa de neumologia*
Fedakar A	The incidence and clinical features of meconium aspiration syndrome: A two-year neonatal intensive care experience	2019	*European Research Journal*
Firdaus U, *et al.*	Meconium stained amniotic fluid: A clinical study of maternal and neonatal attributes	2013	*Current Pediatric Research*
Fischer C, *et al.*	A Population-Based Study of Meconium Aspiration Syndrome in Neonates Born between 37 and 43 Weeks of Gestation	2012	*International Journal of Pediatrics*
Gluck O, *et al.*	Bloody amniotic fluid during labor - Prevalence, and association with placental abruption, neonatal morbidity, and adverse pregnancy outcomes	2019	*European Journal of Obstetrics & Gynecology and Reproductive Biology*
Gonen N, *et al.*	Placental Histopathology and Pregnancy Outcomes in "Early" *vs.* "Late" Placental Abruption.	2021	*Reproductive Sciences*
Gould J B, *et al.*	Cesarean delivery rates and neonatal morbidity in a low-risk population	2004	*Obstetrics and Gynecology*
Gupta P, *et al.*	Clinical and biochemical asphyxia in meconium stained deliveries	1998	*Indian Pediatrics*
Gupta R and Cabacungan E T	Neonatal Birth Trauma: Analysis of Yearly Trends, Risk Factors, and Outcomes	2021	*Journal of Pediatrics*
Gupta S K, *et al.*	Meconium aspiration syndrome in infants of HIV-positive women: A case-control study	2016	*Journal of Perinatal Medicine*
Gupta V, *et al.*	Meconium stained amniotic fluid: antenatal, intrapartum and neonatal attributes	1996	*Indian Pediatrics*
Hashim N, *et al.*	Primary cesarean section in grandmultiparity	2015	*Rawal Medical Journal*
Hofer N, *et al.*	Inflammatory indices in meconium aspiration syndrome	2016	*Pediatric Pulmonology*
Horgan M J, *et al.*	The relationship of thrombocytopenia to the onset of persistent pulmonary hypertension of the newborn in the meconium aspiration syndrome	1985	*New York State Journal of Medicine*
Khazardoost S, *et al.*	Risk factors for meconium aspiration in meconium stained amniotic fluid	2007	*Journal of Obstetrics and Gynaecology*
Kominiarek M, *et al.*	Gestational weight gain and obesity: Is 20 pounds too much?	2013	*American Journal of Obstetrics and Gynecology*
Lewis L, *et al.*	Obstetric and neonatal outcomes for women intending to use immersion in water for labour and birth in Western Australia (2015-2016): A retrospective audit of clinical outcomes	2018	*Australian and New Zealand Journal of Obstetrics and Gynaecology*
Oddie S J	Perspective on meconium staining of the amniotic fluid	2010	*Archives of Disease in Childhood: Fetal and Neonatal Edition*
Paz Y, *et al.*	Variables associated with meconium aspiration syndrome in labors with thick meconium	2001	*European Journal of Obstetrics and Gynecology and Reproductive Biology*
Perlman J N	Maternal fever and neonatal depression: Preliminary observations	1999	*Clinical Pediatrics*
Pourcyrous M, *et al.*	Significance of serial C-reactive protein responses in neonatal infection and other disorders	1993	*Pediatrics*
Qian L, *et al.*	Current status of neonatal acute respiratory disorders: A one-year prospective survey from a Chinese neonatal network	2010	*Chinese Medical Journal*
Sandstrom A, *et al.*	Durations of second stage of labor and pushing, and adverse neonatal outcomes: a population-based cohort study	2017	*Journal of Perinatology*
Saunders K	Should we worry about meconium? A controlled study of neonatal outcome	2002	*Tropical Doctor*
Schneiderman M and Balayla J	A comparative study of neonatal outcomes in placenta previa versus cesarean for other indication at term	2013	*Journal of Maternal-Fetal and Neonatal Medicine*
Shishavan M K, *et al.*	The association of hair coloring during pregnancy with pregnancy and neonatal outcomes: A cross-sectional study	2021	*International Journal of Women's Health and Reproduction Sciences*
Shrestha M, *et al.*	Profile of asphyxiated babies at Tribhuvan University Teaching Hospital	2009	*Journal of Nepal Paediatric Society*
Smid Marcela C, *et al.*	Maternal Super Obesity and Neonatal Morbidity after Term Cesarean Delivery	2016	*American Journal of Perinatology*
Spain, J. E, *et al.*	Risk factors for serious morbidity in term nonanomalous neonates	2015	*American Journal of Obstetrics and Gynecology*
Swain P K and Thapalial A	Meconium stained amniotic fluid - A potential predictor of Meconium Aspiration Syndrome	2008	*Journal of Nepal Paediatric Society*
Tay, S. K.	Spurious labor: A high risk factor for dysfunctional labor and fetal distress	1991	*International Journal of Gynecology and Obstetrics*
Thornton Patrick D, *et al.*	Meconium aspiration syndrome: Incidence and outcomes using discharge data	2019	*Early Human Development*
Tuuli Methodius G, *et al.*	Umbilical Cord Arterial Lactate Compared With pH for Predicting Neonatal Morbidity at Term	2014	*Obstetrics and Gynecology*

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Table S2 Results of the risk of bias assessment of case-control studies using the Newcastle - Ottawa quality assessment scale assessment tool

Author, year	Is the case definition adequate	Representativeness of the cases	Selection of Controls	Definition of Controls	Comparability of cases and controls on the basis of the design or analysis	Ascertainment of exposure	Same method of ascertainment for cases and controls	Non-Response rate	Total
Alchalabi 1999 (9)				*	*	*	*	*	5
Amitai Komem 2022 (4)		*		*	**	*	*	*	7
Avula 2017 (5)		*		*	*	*	*	*	6
Bhat 2008 (6)		*		*	*	*	*	*	6
Gad 2020 (7)				*	**	*	*	*	6
Gurubacharya 2015 (10)		*		*	*	*	*	*	6
Lee 2016 (43)		*		*	*	*	*	*	6
Liu 2002 (8)		*		*	*	*	*	*	6
Mehar 2016 (21)				*	*	*	*	*	5
Meydanli 2001 (11)				*	*	*	*	*	5
Oliveira 2019 (12)		*		*	*	*	*	*	6
Paudel 2020 (16)		*		*	**	*	*	*	7
Rossi 1989 (13)				*	*	*	*	*	5
Usta 1995 (14)				*	*	*	*	*	5
Vivian-Taylor 2011 (18)	*	*	*	*	**	*	*	*	9
Yoder 2002 (15)		*		*	*	*	*	*	6
Yokoi 2021 (22)	*	*		*	**	*	*	*	7

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Table S3 Results of the risk of bias assessment of cohort studies using the Newcastle - Ottawa quality assessment scale assessment tool

Author, y	Representativeness of the exposed cohort	Selection of the non-exposed cohort	Ascertainment of exposure	Demonstration that outcome of interest was not present at start of study	Comparability of cohorts on the basis of the design or analysis	Assessment of outcome	Was follow-up long enough for outcomes to occur	Adequacy of follow-up of cohorts	Total
Andersson 2022 (40)	*	*	*	*	**	*	*	*	9
Ashwal 2014 (27)	*	*	*	*	*	*	*	*	8
Ashwal 2018 (23)	*	*	*	*	*	*	*	*	8
Ashwal 2022 (28)	*	*	*	*	**	*	*	*	9
Bailey 2021 (29)	*	*	*	*	**	*	*	*	9
Blankenship 2020 (30)	*	*	*	*	*	*	*	*	8
Blomberg 2014 (41)	*	*	*	*	**	*	*	*	9
Cassidy 1985 (31)	*	*	*	*	*	*	*	*	8
Cedergren 2004 (42)	*	*	*	*	**	*	*	*	9
Cedergren 2006 (43)	*	*	*	*	**	*	*	*	9
Cederholm 2005 (44)	*	*	*	*	**	*	*	*	9
Cheng 2012 (45)	*	*	*	*	**	*	*	*	9
Chiruvolu 2018 (37)	*	*	*	*	**	*	*	*	9
Clausson 1999 (46)	*	*	*	*	*	*	*	*	8
De los Santos-Garate 2011 (17)	*	*	*	*	**	*	*	*	9
Ding 2021 (1)	*	*	*	*	**	*	*	*	9
Greenwood 2003 (32)	*	*	*	*	*	*	*	*	8
Flemming 2020 (47)		*	*	*	*	*	*	*	7
Johnson 2005 (48)	*	*	*	*	**	*	*	*	9
King 2012 (38)	*	*	*	*	**	*	*	*	9
Knight 2017 (49)	*	*	*	*	**	*	*	*	9
Kortekaas 2020 (50)	*	*	*	*	**	*	*	*	9
Levin 2020 (39)	*	*	*	*	*	*	*	*	8
Li 2019 (51)	*	*	*	*	**	*	*	*	9
Lindegren 2017 (52)	*	*	*	*	**	*	*	*	9
Lindegren 2020 (20)	*	*	*	*	**	*	*	*	9
Narchi 2010 (33)	*	*	*	*	**	*	*	*	9
Persson 2016 (53)	*	*	*	*	**	*	*	*	9
Petrova 2001 (54)	*	*	*	*	**	*	*	*	9
Polnaszek 2018 (19)	*	*	*	*	**	*	*	*	9
Pyykonen 2018 (55)	*	*	*	*	**	*	*	*	9
Rietveld 2015 (56)	*	*	*	*	**	*	*	*	9
Roos 2011 (57)	*	*	*	*	**	*	*	*	9
Salihu 2011 (58)	*	*	*	*	**	*	*	*	9
Stotland 2006 (34)	*	*	*	*	**	*	*	*	9
Tyrberg 2013 (59)	*	*	*	*	**	*	*	*	9
Usher 1988 (35)	*	*	*	*	**	*	*	*	9
Ward 2022 (36)	*	*	*	*	**	*	*	*	9

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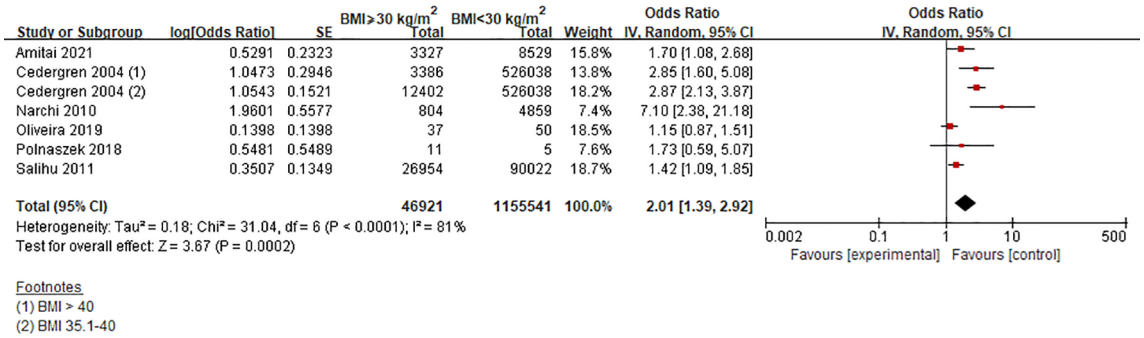

Figure S1 Forest Plot for maternal body mass index (BMI) ≥30 kg/m^2.

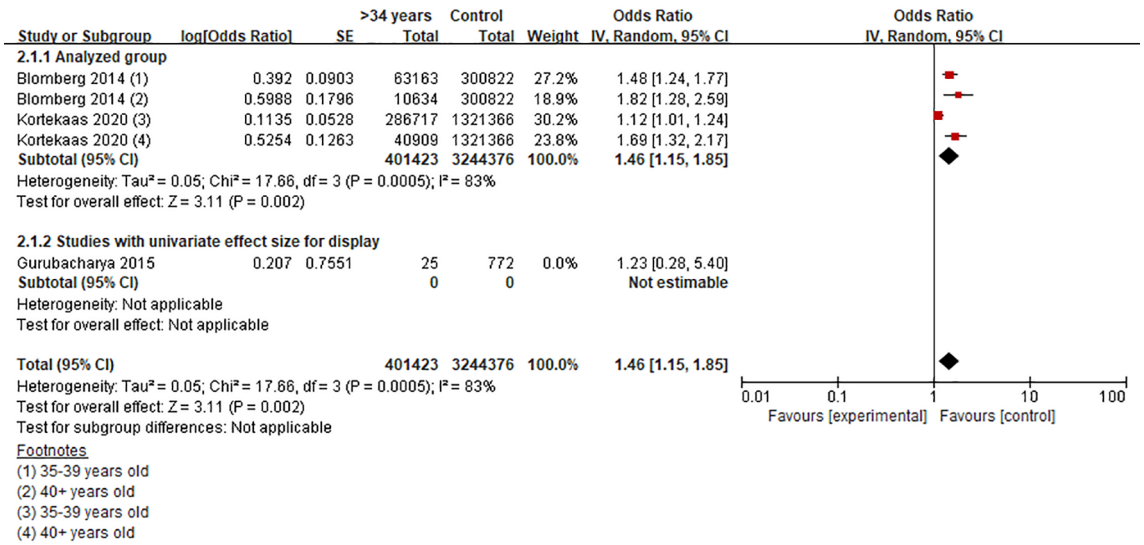

Figure S2 Forest Plot for maternal age >34 years old.

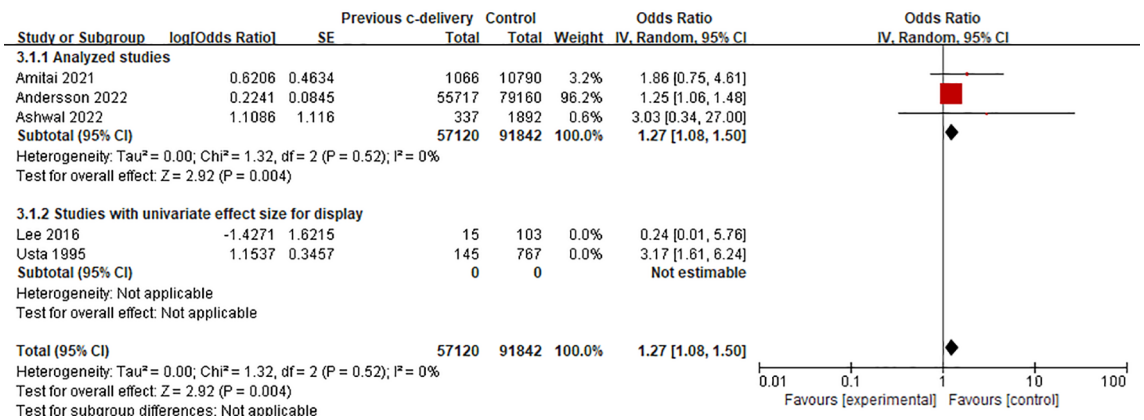

Figure S3 Forest Plot for previous caesarean delivery.

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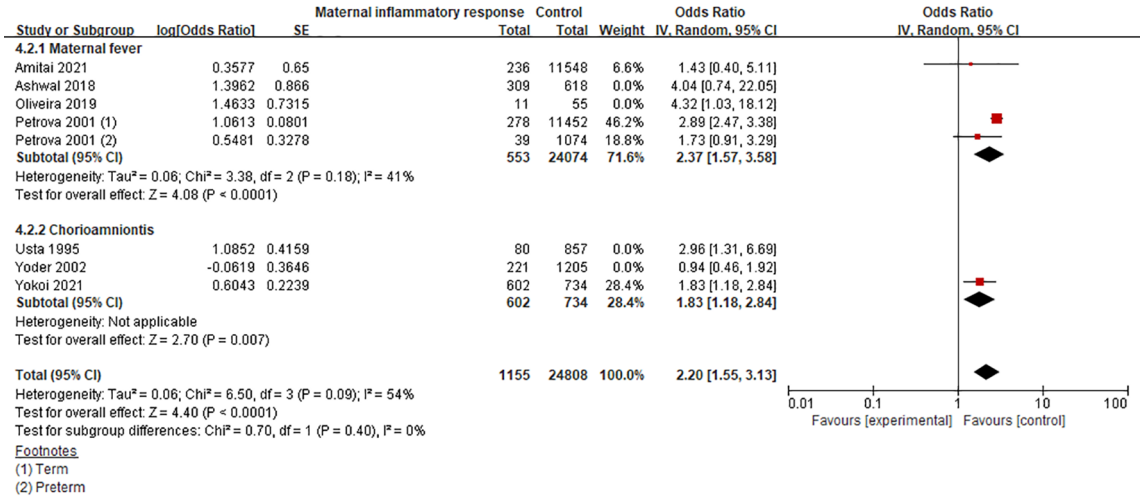

Figure S4 Forest Plot for maternal inflammatory response.

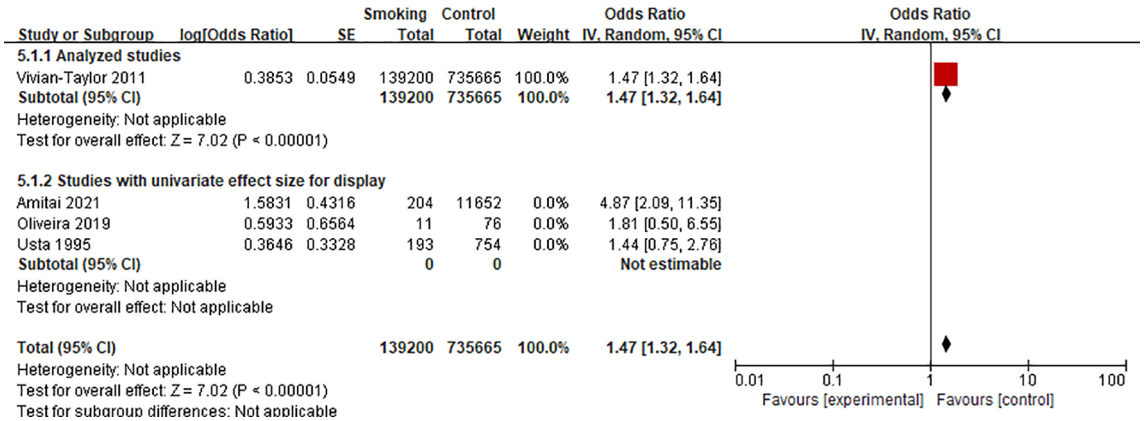

Figure S5 Forest Plot for maternal smoking.

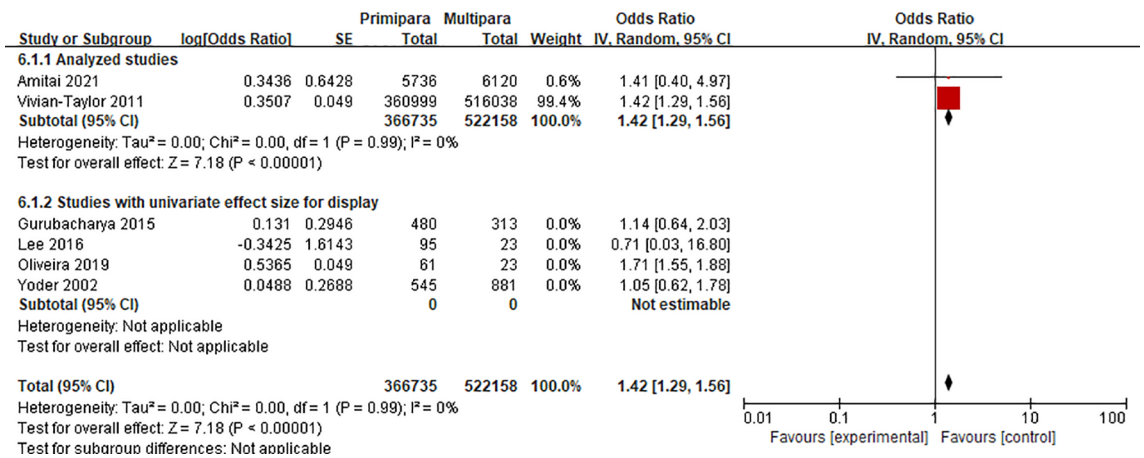

Figure S6 Forest Plot for nulliparous.

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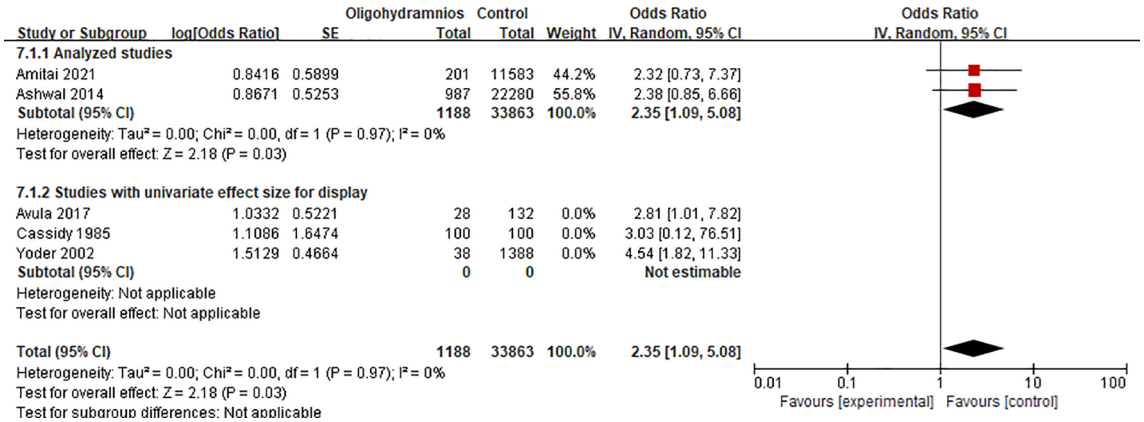
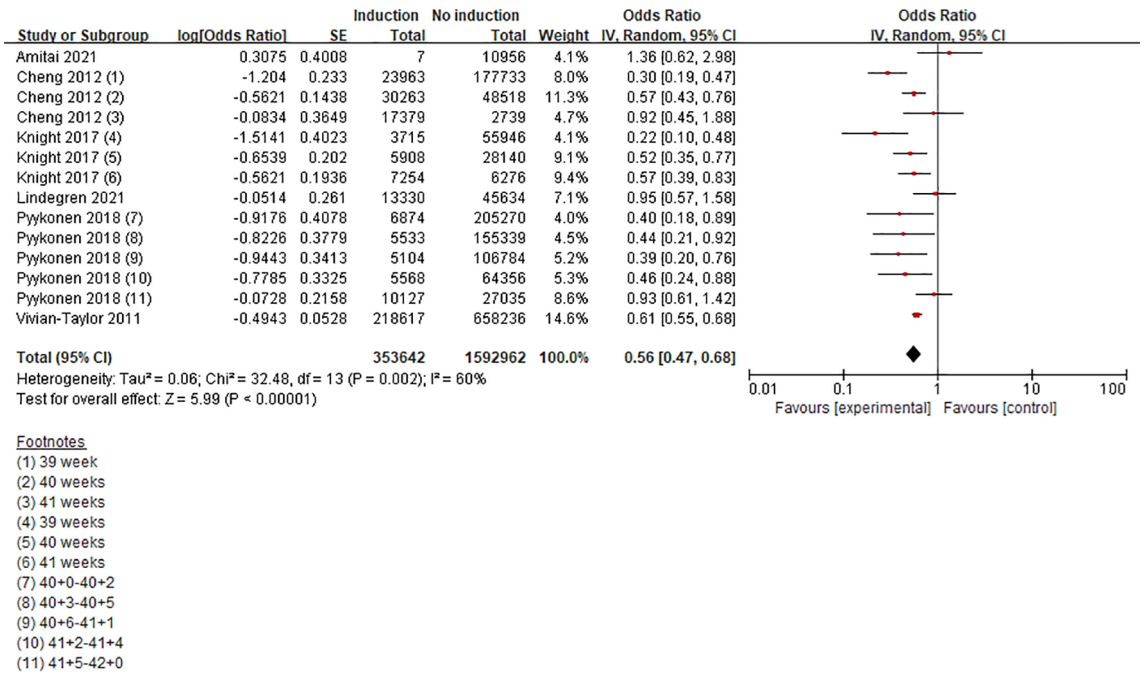


Figure S7 Forest Plot for oligohydramnios.



Footnotes
(1) 39 week
(2) 40 weeks
(3) 41 weeks
(4) 39 weeks
(5) 40 weeks
(6) 41 weeks
(7) 40+0-40+2
(8) 40+3-40+5
(9) 40+6-41+1
(10) 41+2-41+4
(11) 41+5-42+0

Figure S8 Forest Plot for induction of labor.

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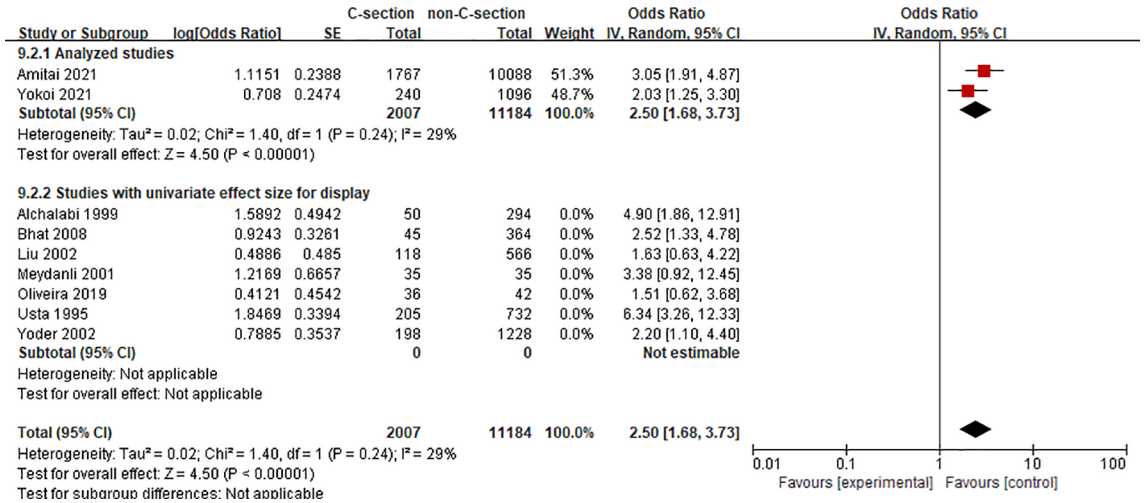

Figure S9 Forest Plot for cesarean delivery.

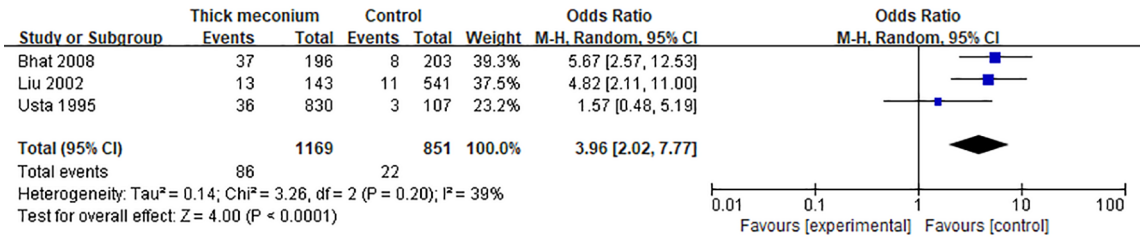

Figure S10 Forest Plot for thick meconium.

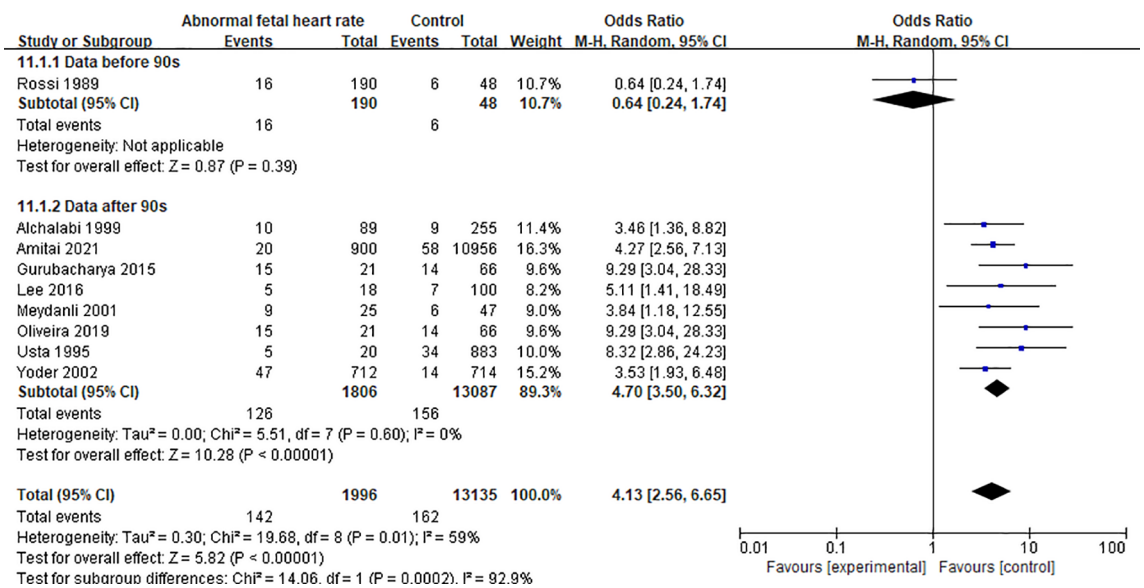

Figure S11 Forest Plot for abnormal fetal heart rate.

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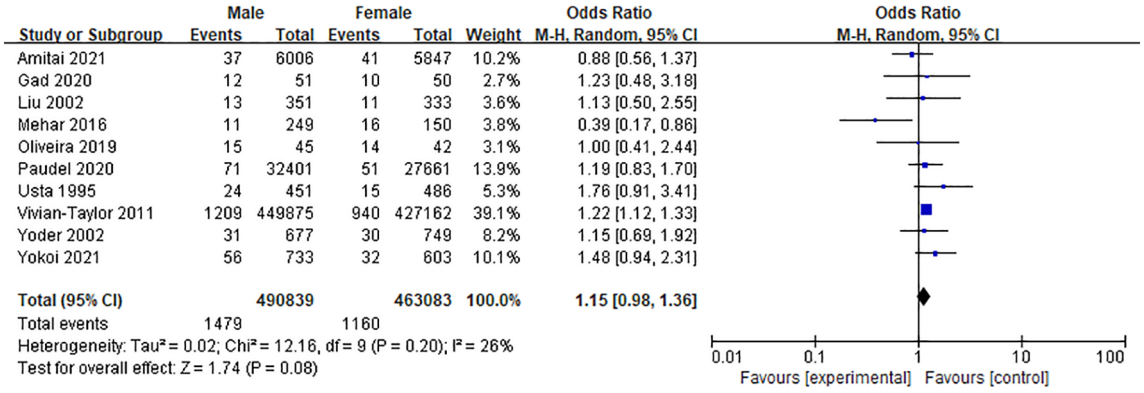

Figure S12 Forest Plot for gender.

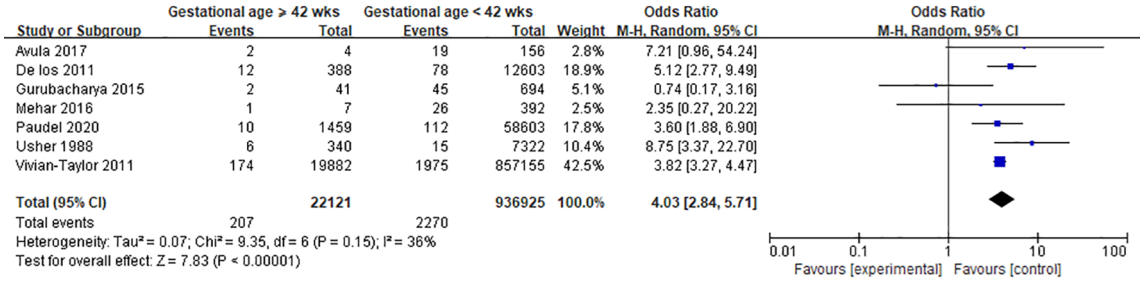

Figure S13 Forest Plot for post-term (gestational age ≥42 weeks).

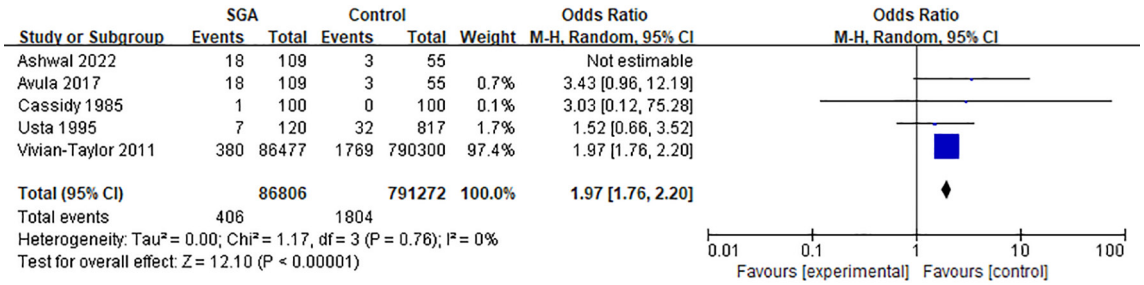

Figure S14 Forest Plot for small for gestational age (SGA).

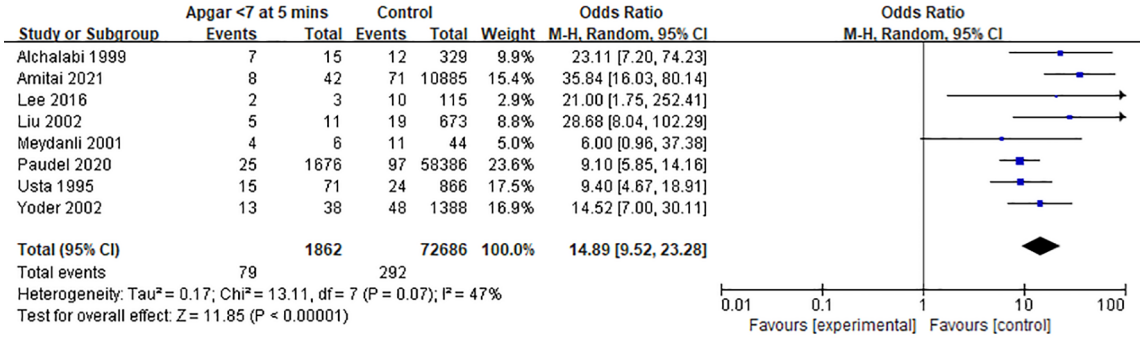

Figure S15 Forest Plot for Apgar <7 at 5 min.

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