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**Selected References**

Beligere N, Rao R. Neurodevelopmental outcome of infants with meconium aspiration syndrome: report of a study and literature review. *J Perinatol*. 2008;28:s93-s101.

[Chen IL, Ou-Yang MC, Chen FS, et al](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=24347255). High aspartate aminotransferase level predicts poor neurodevelopmental outcome in infants with meconium aspiration syndrome. *Am J Perinatol.* 2014;31(10):845-850.

[De Luca D](https://www-ncbi-nlm-nih-gov.proxy1.lib.tju.edu/pubmed/?term=De%20Luca%20D%5BAuthor%5D&cauthor=true&cauthor_uid=27479063), [Tingay DG](https://www-ncbi-nlm-nih-gov.proxy1.lib.tju.edu/pubmed/?term=Tingay%20DG%5BAuthor%5D&cauthor=true&cauthor_uid=27479063), [van Kaam A](https://www-ncbi-nlm-nih-gov.proxy1.lib.tju.edu/pubmed/?term=van%20Kaam%20A%5BAuthor%5D&cauthor=true&cauthor_uid=27479063), et al. Hypothermia and meconium aspiration syndrome: international multicenter retrospective cohort study. [*Am J Respir Crit Care Med.*](https://www-ncbi-nlm-nih-gov.proxy1.lib.tju.edu/pubmed/27479063)2016;194(3):381-384.

Hofmeyr GJ, Xu H, Eke AC. Amnioinfusion for meconium-stained liquor in labour. *Cochrane Database Syst Rev.* 2014;23(1):CD000014.

[Kelly LE](https://www-ncbi-nlm-nih-gov.proxy1.lib.tju.edu/pubmed/?term=Kelly%20LE%5BAuthor%5D&cauthor=true&cauthor_uid=28658507), [Shivananda S](https://www-ncbi-nlm-nih-gov.proxy1.lib.tju.edu/pubmed/?term=Shivananda%20S%5BAuthor%5D&cauthor=true&cauthor_uid=28658507), [Murthy P](https://www-ncbi-nlm-nih-gov.proxy1.lib.tju.edu/pubmed/?term=Murthy%20P%5BAuthor%5D&cauthor=true&cauthor_uid=28658507), et al. Antibiotics for neonates born through meconium-stained amniotic fluid. *C*[*ochrane Database Syst Rev.*](https://www-ncbi-nlm-nih-gov.proxy1.lib.tju.edu/pubmed/28658507) 2017;6:CD006183.

[Kim B](https://www-ncbi-nlm-nih-gov.proxy1.lib.tju.edu/pubmed/?term=Kim%20B%5BAuthor%5D&cauthor=true&cauthor_uid=28793392), [Oh SY](https://www-ncbi-nlm-nih-gov.proxy1.lib.tju.edu/pubmed/?term=Oh%20SY%5BAuthor%5D&cauthor=true&cauthor_uid=28793392), [Kim JS](https://www-ncbi-nlm-nih-gov.proxy1.lib.tju.edu/pubmed/?term=Kim%20JS%5BAuthor%5D&cauthor=true&cauthor_uid=28793392). Placental lesions in meconium aspiration syndrome.[*J Pathol Transl Med.*](https://www-ncbi-nlm-nih-gov.proxy1.lib.tju.edu/pubmed/28793392) 2017;51(5):488-498.

[Liu J](https://www-ncbi-nlm-nih-gov.proxy1.lib.tju.edu/pubmed/?term=Liu%20J%5BAuthor%5D&cauthor=true&cauthor_uid=27807253), [Cao HY](https://www-ncbi-nlm-nih-gov.proxy1.lib.tju.edu/pubmed/?term=Cao%20HY%5BAuthor%5D&cauthor=true&cauthor_uid=27807253), [Fu W](https://www-ncbi-nlm-nih-gov.proxy1.lib.tju.edu/pubmed/?term=Fu%20W%5BAuthor%5D&cauthor=true&cauthor_uid=27807253). Lung ultrasonography to diagnose meconium aspiration syndrome of the newborn. [*Int Med Res*.](https://www-ncbi-nlm-nih-gov.proxy1.lib.tju.edu/pubmed/27807253) 2016;44(6):1534-1542.

[Mikolka P](https://www-ncbi-nlm-nih-gov.proxy1.lib.tju.edu/pubmed/?term=Mikolka%20P%5BAuthor%5D&cauthor=true&cauthor_uid=27283193), [Kopincova J](https://www-ncbi-nlm-nih-gov.proxy1.lib.tju.edu/pubmed/?term=Kopincova%20J%5BAuthor%5D&cauthor=true&cauthor_uid=27283193), [Mikusiakova LT](https://www-ncbi-nlm-nih-gov.proxy1.lib.tju.edu/pubmed/?term=Mikusiakova%20LT%5BAuthor%5D&cauthor=true&cauthor_uid=27283193), et al. Antiinflammatory effect of N-acetylcysteine combined with exogenous surfactant in meconium-induced lung injury. [*Adv Exp Med Biol.*](https://www-ncbi-nlm-nih-gov.proxy1.lib.tju.edu/pubmed/27283193)2016;934:63-75.

Natarajan CK, Sankar MJ, Jain K, Agarwal R, Paul VK. Surfactant therapy and antibiotics in neonates with meconium aspiration syndrome: a systemic review and meta-analysis. *J Perinatol.* 2016;36(Suppl 1):S49-S45.

Shahed AE, Dargaville PA, Ohlsson A, Soll R. Surfactant for meconium aspiration syndrome in term and late preterm infants. *Cochrane Database Syst Rev*. 2014;12:CD002054.

Shama S, Clark S, Abubakar K, et al. Tidal volume requirement in mechanically ventilated infants with meconium aspiration syndrome. *Am J Perinatol*. 2015:32(10):916-919.

Szczapa T, Gadzinowski J. Use of heliox in the management of neonates with meconium aspiration syndrome. *Neonatology*. 2011;100:265-270.

Vain NE, Balton DG. Meconium “aspiration” (or respiratory distress associated with meconium-stained fluid?). *Semin Fetal Neonatal Med*. 2017;22(4):214-219.