Burden of severe neonatal jaundice: a systematic review

BMJ Paediatrics Open 1, e000105

DOI: 10.1136/bmjpo-2017-000105

Citation Report

#	Article	IF	CITATIONS
1	Filtered sunlight versus intensive electric powered phototherapy in moderate-to-severe neonatal hyperbilirubinaemia: a randomised controlled non-inferiority trial. The Lancet Global Health, 2018, 6, e1122-e1131.	2.9	15
2	Neonatal hyperbilirubinaemia: a global perspective. The Lancet Child and Adolescent Health, 2018, 2, 610-620.	2.7	159
3	Diagnostic Performance Analysis of the Point-of-Care Bilistick System in Identifying Severe Neonatal Hyperbilirubinemia by a Multi-Country Approach. EClinicalMedicine, 2018, 1, 14-20.	3.2	20
4	Indirect neonatal hyperbilirubinemia in hospitalized neonates on the Thai-Myanmar border: a review of neonatal medical records from 2009 to 2014. BMC Pediatrics, 2018, 18, 190.	0.7	21
5	Bilirubin in the newborn: Physiology and pathophysiology. British Journal of Midwifery, 2018, 26, 362-370.	0.1	5
6	High unbound bilirubin for age: a neurotoxin with major effects on the developing brain. Pediatric Research, 2019, 85, 183-190.	1.1	33
7	A randomized control trial of phototherapy and 20% albumin versus phototherapy and saline in Kilifi, Kenya. BMC Research Notes, 2019, 12, 617.	0.6	4
8	Screening and treatment to reduce severe hyperbilirubinaemia in infants in primary care (STARSHIP): a factorial stepped-wedge cluster randomised controlled trial protocol. BMJ Open, 2019, 9, e028270.	0.8	6
9	Rates of Extreme Neonatal Hyperbilirubinemia and Kernicterus in Children and Adherence to National Guidelines for Screening, Diagnosis, and Treatment in Sweden. JAMA Network Open, 2019, 2, e190858.	2.8	74
10	Management of neonatal jaundice in low- and lower-middle-income countries. BMJ Paediatrics Open, 2019, 3, e000408.	0.6	12
11	Validation of transcutaneous bilirubinometry during phototherapy for detection and monitoring of neonatal jaundice in a low-income setting. Paediatrics and International Child Health, 2020, 40, 25-29.	0.3	12
12	Review of bilirubin neurotoxicity I: molecular biology and neuropathology of disease. Pediatric Research, 2020, 87, 327-331.	1.1	26
13	Determinants of Neonatal Jaundice among Neonates Admitted to Neonatal Intensive Care Unit in Public General Hospitals of Central Zone, Tigray, Northern Ethiopia, 2019: a Case-Control Study. BioMed Research International, 2020, 2020, 1-8.	0.9	10
14	Prevalence of neonatal hyperbilirubinaemia and its association with glucose-6-phosphate dehydrogenase deficiency and blood-type incompatibility in sub-Saharan Africa: a systematic review and meta-analysis. BMJ Paediatrics Open, 2020, 4, e000750.	0.6	8
15	Determinants of neonatal jaundice among neonates admitted to five referral hospitals in Amhara region, Northern Ethiopia: an unmatched case-control study. BMJ Paediatrics Open, 2020, 4, e000830.	0.6	12
16	Long-term neurocognitive and educational outcomes of neonatal insults in Kilifi, Kenya. BMC Psychiatry, 2020, 20, 578.	1.1	1
17	Estimation of household health cost and climate adaptation cost with its health related determinants: empirical evidences from western Nepal. Heliyon, 2020, 6, e05492.	1.4	2
18	Extreme neonatal hyperbilirubinaemia in refugee and migrant populations: retrospective cohort. BMJ Paediatrics Open, 2020, 4, e000641.	0.6	5

#	ARTICLE	IF	CITATIONS
19	Etiology and therapeutic management of neonatal jaundice in Iran: a systematic review and meta-analysis. World Journal of Pediatrics, 2020, 16, 480-493.	0.8	19
20	Long-term outcomes of survivors of neonatal insults: A systematic review and meta-analysis. PLoS ONE, 2020, 15, e0231947.	1.1	13
21	Care-seeking behavior for neonatal jaundice in rural northern Nigeria. Public Health in Practice, 2020, 1, 100006.	0.7	2
22	Bilirubin estimates from smartphone images of newborn infants' skin correlated highly to serum bilirubin levels. Acta Paediatrica, International Journal of Paediatrics, 2020, 109, 2532-2538.	0.7	28
23	Effect of blue LED phototherapy centered at 478 nm versus 459 nm in hyperbilirubinemic neonates: a randomized study. Pediatric Research, 2021, 89, 598-603.	1.1	4
24	Societal awareness on neonatal hyperbilirubinemia: A systematic review and meta-analysis. Seminars in Perinatology, 2021, 45, 151361.	1.1	6
25	Assessing knowledge and skills of maternity care professionals regarding neonatal hyperbilirubinaemia: a nationwide survey. BMC Pregnancy and Childbirth, 2021, 21, 63.	0.9	4
26	Burden of disease and risk factors for mortality amongst hospitalized newborns in Nigeria and Kenya. PLoS ONE, 2021, 16, e0244109.	1.1	17
27	Challenges of phototherapy for neonatal hyperbilirubinemia (Review). Experimental and Therapeutic Medicine, 2021, 21, 231.	0.8	37
28	Rhesus disease in Brazil: A multi-professional national survey. Seminars in Perinatology, 2021, 45, 151357.	1.1	1
29	Does provider access to technology improve health care? Evidence from a national distribution of phototherapy in Rwanda. Seminars in Perinatology, 2021, 45, 151359.	1.1	1
30	Knowledge on neonatal jaundice and its associated factors among mothers in northern Ethiopia: a facility-based cross-sectional study. BMJ Open, 2021, 11, e044390.	0.8	5
31	Neonatal wearable device for colorimetry-based real-time detection of jaundice with simultaneous sensing of vitals. Science Advances, 2021, 7, .	4.7	32
32	Causes of severe neonatal hyperbilirubinemia: a multicenter study of three regions in China. World Journal of Pediatrics, 2021, 17, 290-297.	0.8	6
33	Diagnostic methods for neonatal hyperbilirubinemia: benefits, limitations, requirements, and novel developments. Pediatric Research, 2021, 90, 277-283.	1.1	22
34	A vest for treating jaundice in low-resource settings. , 2021, , .		4
35	The Spectrum of Hemolytic Disease of the Newborn: Evaluating the Etiology of Unconjugated Hyperbilirubinemia Among Neonates Pertinent to Immunohematological Workup. Cureus, 2021, 13, e16940.	0.2	6
36	The Effects of Bilirubin and Lumirubin on the Differentiation of Human Pluripotent Cell-Derived Neural Stem Cells. Antioxidants, 2021, 10, 1532.	2.2	6

3

#	ARTICLE	IF	Citations
37	High levels of unbound bilirubin are associated with acute bilirubin encephalopathy in post-exchange transfusion neonates. Italian Journal of Pediatrics, 2021, 47, 187.	1.0	6
39	Long-Term Mental Health and Quality of Life Outcomes of Neonatal Insults in Kilifi, Kenya. Child Psychiatry and Human Development, 2021, , 1.	1.1	2
40	Effect of exchange blood transfusion on oxygen saturation of neonates with severe neonatal jaundice by pulse oximetry. Journal of Acute Disease, 2021, 10, 112.	0.0	0
41	Burden of neurodevelopmental disorders in low and middle-income countries: A systematic review and meta-analysis. Wellcome Open Research, 2017, 2, 121.	0.9	40
42	High levels of pathological jaundice in the first 24 hours and neonatal hyperbilirubinaemia in an epidemiological cohort study on the Thailand-Myanmar border. PLoS ONE, 2021, 16, e0258127.	1.1	7
43	Breastfeeding Insufficiencies: Common and Preventable Harm to Neonates. Cureus, 2021, 13, e18478.	0.2	2
44	Patterns of neurobehavioral functioning in school-aged survivors of neonatal jaundice and hypoxic-ischemic encephalopathy in Kilifi, Kenya: A cross-sectional study. Wellcome Open Research, 0, 4, 95.	0.9	0
45	Patterns of neurobehavioral functioning in school-aged survivors of neonatal jaundice and hypoxic-ischemic encephalopathy in Kilifi, Kenya: A cross-sectional study. Wellcome Open Research, 0, 4, 95.	0.9	0
46	Neonatal Bilirubin Encephalopathy: Study of 30 Cases at Albert Royer National Children Hospital of Dakar. Open Journal of Pediatrics, 2020, 10, 116-124.	0.0	1
47	Hyperbilirubinemia in Preterm Infants Admitted to Neonatal Intensive Care Units in Ethiopia. Global Pediatric Health, 2020, 7, 2333794X2098580.	0.3	6
48	The Association between Serum Bilirubin and Kernicterus Spectrum Disorder: A Systematic Review and Meta-Analysis. Neonatology, 2021, 118, 654-664.	0.9	7
49	Kernicterus Spectrum Disorders Diagnostic Toolkit: validation using retrospective chart review. Pediatric Research, 2022, 91, 862-866.	1.1	5
50	The role of microbiota in neonatal hyperbilirubinemia. American Journal of Translational Research (discontinued), 2020, 12, 7459-7474.	0.0	3
52	Bilirubin and Epigenetic Modifications in Metabolic and Immunometabolic Disorders. Endocrine, Metabolic and Immune Disorders - Drug Targets, 2022, 22, 1178-1190.	0.6	2
53	The effects of clofibrate on neonatal jaundice: A systematic review. International Journal of Preventive Medicine, 2022, 13, 3.	0.2	2
54	Current and emerging technologies for the timely screening and diagnosis of neonatal jaundice. Critical Reviews in Clinical Laboratory Sciences, 2022, , 1-21.	2.7	1
55	Neonatal Jaundice and Autism: Precautionary Principle Invocation Overdue. Cureus, 2022, 14, e22512.	0.2	3
56	Maternal disease factors associated with neonatal jaundice: a case–control study. BMC Pregnancy and Childbirth, 2022, 22, 247.	0.9	3

#	ARTICLE	IF	CITATIONS
57	Role of glucose phosphate deficiency in neonatal hyperbilirubinemia among local population of Pakistan. Pakistan Biomedical Journal, 2021, 5, .	0.0	0
59	Evaluation of a new transcutaneous bilirubinometer in newborn infants. Scientific Reports, 2022, 12, 5835.	1.6	3
60	Association of Neonatal Jaundice with Gut Dysbiosis Characterized by Decreased Bifidobacteriales. Metabolites, 2021, 11, 887.	1.3	5
61	Microfluidic photoreactor to treat neonatal jaundice. Biomicrofluidics, 2021, 15, 064104.	1.2	0
62	Validating a Sclera-Based Smartphone Application for Screening Jaundiced Newborns in Ghana. Pediatrics, 2022, 150, .	1.0	7
63	Contribution of genetic factors to high rates of neonatal hyperbilirubinaemia on the Thailand-Myanmar border. PLOS Global Public Health, 2022, 2, e0000475.	0.5	4
64	Effect of clofibrate on reducing neonatal jaundice: a systematic review and meta-analysis. Osong Public Health and Research Perspectives, 2022, 13, 174-183.	0.7	0
65	Challenges and recommendations to improve implementation of phototherapy among neonates in Malawian hospitals. BMC Pediatrics, 2022, 22, .	0.7	0
66	Neonatal Jaundice: Knowledge and Practices of Healthcare Providers and Trainees in Southwest Nigeria. American Journal of Tropical Medicine and Hygiene, 2022, 107, 328-335.	0.6	3
67	Current Trends in Neonatal Morbidity and Mortality: Experiences from a Tertiary Center in Lagos, Nigeria. American Journal of Tropical Medicine and Hygiene, 2022, 107, 617-623.	0.6	3
68	What, how and when should we instruct mothers about neonatal jaundice. Journal of Advanced Pediatrics and Child Health, 2022, 5, 026-027.	0.2	1
69	Significant hyperbilirubinemia among well neonates due for discharge at Kawempe-Mulago Hospital, prevalence, factors associated, and accuracy of transcutaneous bilirubinometry for screening. African Health Sciences, 2022, 22, 526-534.	0.3	1
70	Assessment, management, and incidence of neonatal jaundice in healthy neonates cared for in primary care: a prospective cohort study. Scientific Reports, 2022, 12, .	1.6	5
71	Determinants of neonatal jaundice in Ethiopia: a systematic review and meta-analysis. World Journal of Pediatrics, 2022, 18, 725-733.	0.8	4
72	Ultrahigh Sensitive Graphene Oxide/Conducting Polymer Composite Based Biosensor for Cholesterol and Bilirubin Detection. SSRN Electronic Journal, 0, , .	0.4	0
73	Transcutaneous bilirubin-based screening reduces the need for blood exchange transfusion in Myanmar newborns: A single-center, retrospective study. Frontiers in Pediatrics, 0, 10, .	0.9	1
74	Exchange Blood Transfusions for Severe Hyperbilirubinemia in Resource-Limited Settings. , 2022, , 69-82.		0
75	Effects of vitamin E on neonatal hyperbilirubinemia in preterm newborns. Advanced Biomedical Research, 2022, $11,86$.	0.2	0

#	Article	IF	CITATIONS
76	Ultrahigh sensitive graphene oxide/conducting polymer composite based biosensor for cholesterol and bilirubin detection. Biosensors and Bioelectronics: X, 2023, 13, 100290.	0.9	7
77	Diagnostic Accuracy of Cord Bilirubin to Predict the Need for Phototherapy in Healthy Neonates >35-WeekÂGestational Age: A Systematic Review and Meta-Analysis. Journal of Clinical and Experimental Hepatology, 2022, , .	0.4	1
80	Iterative Development, Validation, and Certification of a Smartphone System to Assess Neonatal Jaundice: Development and Usability Study. JMIR Pediatrics and Parenting, 0, 6, e40463.	0.8	2
81	Management challenges in the treatment of severe hyperbilirubinemia in low- and middle-income countries: Encouraging advancements, remaining gaps, and future opportunities. Frontiers in Pediatrics, 0, 11 , .	0.9	5
83	Relevance of the 2022 American Academy of Pediatrics Hyperbilirubinemia Guidelines for an LMIC. Pediatrics, 2023, 151, .	1.0	2
84	The Burden of Pathological Neonatal Jaundice and Its Determinants in Ethiopia: Systematic Review and Meta-Analysis. Journal of Neonatology, 0, , 097321792311645.	0.0	0