

Appendix 1: Literature Search Strategies

Table 1a: Search Strategy for MEDLINE (July 18, 2017)

No.	Search Category	Terms	Hits
1	Post-Discharge Mortality	Exp Follow-Up Studies/ or exp Hospitalization/ or exp Longitudinal Studies/ or (postadjudischarge or after discharge or longadterm outcome* or longadterm followadjudup or longadterm mortality or followadjudup stud*).ti,ab.	880860
2		exp Mortality/ or (mortality or postadjudischarge mortality or postadjudischarge death or postadjudischarge fatal* or postadjudhospital*admortality or postadjudhospital* fatal* or postadjudhospital* death or longadterm mortality or postadjudhospital mortality).ti,ab.	770469
3		1 and 2	128056
4	Developing Countries	exp Africa/ or exp Haiti/ or exp Afghanistan/ or exp Yemen/ or exp Melanesia/ or exp Syria/ or exp Developing Countries/ or (Africa* or Haiti or Afghanistan or Yemen or Melanesia or Solomon Island* or Papua New Guinea or Syria*).ti,ab.	401121
5		(lowadresource countr* or resource poor countr* or developing countr*).ti,ab.	44097
6		exp Bangladesh/ or exp Myanmar/ or exp Pakistan/ or (Bangladesh or Myanmar or Burma or Pakistan).ti,ab.	30050
7		4 or 5 or 6	445820
8	Combining Categories	3 and 7	4093
9	Exclusions	((comment or editorial or meta-analysis or practice-guideline or review or letter or journal correspondence or posters or News or Newspaper article or meeting abstracts or lectures or interview or historical article or handbooks or guidelines or guidebooks or essays or editorial or database or comment or clinical conference or catalogs) not "randomized controlled trial").pt.	4255011
10		Animals/	6167864
11		8 not (9 or 10)	3836
12	Limiting	limit 11 to ("infant (1 to 23 months)" or "preschool child (2 to 5 years)" or "child (6 to 12 years)")	1710
13		limit 12 to yr="2012 -Current"	601
14		limit 13 to english	577

Table 1b: Search Strategy for Embase (July 18, 2017)

No.	Search Category	Terms	Hits
1	Post-Discharge Mortality	exp follow up/ or exp hospitalization/ or exp longitudinal study/ or (postadjudischarge or after discharge or longadterm outcome* or longadterm followadjudup or longadterm mortality or followadjudup stud*).ti,ab	1516787
2		exp mortality rate/ or exp mortality/ or exp mortality risk/ or exp childhood mortality/ or exp childhood death/ or (mortality or postadjudischarge mortality or postadjudischarge death or postadjudischarge fatal* or postadjudhospital*admortality or postadjudhospital* fatal* or postadjudhospital* death or longadterm mortality or postadjudhospital mortality).ti,ab.	1193617
3		1 and 2	220868
4	Developing Countries	exp Africa/ or exp Haiti/ or exp Afghanistan/ or exp Yemen/ or exp Solomon Islands/ or exp Syrian Arab Republic/ or exp Papua New Guinea/ or (Africa* or Haiti or Afghanistan or Yemen or Melanesia or Solomon Island* or Papua New Guinea or Syria*).ti,ab.	440592
5		exp developing country/ or (lowadresource countr* or resourceadjudpoor countr* or developing countr*).ti,ab.	120202
6		exp Bangladesh/ or exp Myanmar/ or exp Pakistan/ or (Bangladesh or Myanmar or Burma or Pakistan).ti,ab.	42892
7		4 or 5 or 6	568957
8	Combining Categories	3 and 7	7569
9	Exclusions	((comment or editorial or meta-analysis or practice-guideline or review or letter or journal correspondence or posters or News or Newspaper article or meeting abstracts or lectures or interview or historical article or handbooks or	3811629

		guidelines or guidebooks or essays or editorial or database or comment or clinical conference or catalogs) not "randomized controlled trial").pt.	
10		Animals/	1649863
11		8 not (9 or 10)	7019
12	Limiting	limit 11 to (infant <to one year> or child <unspecified age> or preschool child <1 to 6 years> or school child <7 to 12 years>)	1804
13		limit 12 to yr="2012 -Current"	909
14		limit 13 to english	898

Appendix 2: Studies Excluded at Full-Text

Study Identification	Study Title	Exclusion Reason
Abossie et al., 2017	Assessment of isoniazid preventive therapy in the reduction of tuberculosis among art patients in Arba Minch Hospital, Ethiopia	Population
Agarwal et al., 2013	A randomized trial of artemether-lumefantrine and dihydroartemisinin- piperazine in the treatment of uncomplicated malaria among children in western Kenya	Population
Ali et al., 2013	Is mid-upper arm circumference alone sufficient for deciding admission to a nutritional programme for childhood severe acute malnutrition in Bangladesh?	Population
Ashraf et al., 2012	Observational follow-up study following two cohorts of children with severe pneumonia after discharge from day care clinic/hospital in Dhaka, Bangladesh	Duplicate
Ashraf et al., 2012	A follow-up experience of 6 months after treatment of children with severe acute malnutrition in Dhaka, Bangladesh	Population
Bisanzo et al., 2015	Characterization of emergency presentations at regional referral hospital in a low-income country	Other
Bower et al., 2016	Deaths, late deaths, and role of infecting dose in Ebola virus disease in Sierra Leone: retrospective cohort study	Population
Brand et al., 2012	Clinical predictors of hospital readmission in Ugandan children with cerebral malaria	Other
Chang et al., 2013	Children successfully treated for moderate acute malnutrition remain at risk for malnutrition and death in the subsequent year after recovery	Population
Chiabi et al., 2012	The frequency and magnitude of growth failure in a group of HIV-infected children in Cameroon	Population
Chisti et al., 2014	Post-discharge mortality in children with severe malnutrition and pneumonia in Bangladesh	Duplicate
Dwyer et al., 2014	Reducing maternal and child mortality rates in Pakistan	Study Design
Ebissa et al., 2015	Predictors of early mortality in a cohort of HIV-infected children receiving high active antiretroviral treatment in public hospitals in Ethiopia	Population
English et al., 2016	Pediatric out-of-hospital deaths following hospital discharge: A mixed-methods study	Outcome
Fitzgerald et al., 2016	Ebola virus disease in children in Sierra Leone: A retrospective cohort study	Study Design
Fitzgerald et al., 2016	Comparison of children testing negative and positive for ebola virus disease in ebola holding units, Sierra Leone	Study Design
Flick et al., 2016	Burden of disease and risk factors for death among children treated for tuberculosis in Malawi	Population
Freemark et al., 2015	Metabolomics in nutrition research: biomarkers predicting mortality in children with severe acute malnutrition	Outcome
George et al., 2013	The systemic inflammatory response syndrome as a predictor of mortality among febrile children in the emergency department	Other
Girum et al., 2017	Survival status and predictors of mortality among severely acute malnourished children <5 years of age admitted to stabilization centers in Gedeo Zone: A retrospective cohort study	Outcome
Gwer et al., 2013	Fosphenytoin for seizure prevention in childhood coma in Africa: A randomized clinical trial	Outcome
Heikens et al., 2017	African Children with Severe Pneumonia Remain at High Risk for Death Even After Discharge	Study Design
Henderson et al., 2013	Antibiotics cut death rates in children with malnutrition	Other
Hladik et al., 2012	Association between transfusion with human herpesvirus 8 antibody-positive blood and subsequent mortality	Population
Homaira et al., 2012	Influenza-associated mortality in 2009 in four sentinel sites in Bangladesh	Outcome
Khan et al., 2014	Readmission to paediatric intensive care unit: Frequency, causes and outcome	Population
Kotloff et al., 2013	Burden and aetiology of diarrhoeal disease in infants and young children in developing countries (the Global Enteric Multicenter Study, GEMS): A prospective, case-control study	Population
Koye et al., 2012	Predictors of mortality among children on Antiretroviral Therapy at a referral hospital, Northwest Ethiopia: A retrospective follow up study	Population
Kyeyune et al., 2014	The interaction between malaria and human immunodeficiency virus infection in severely anaemic Malawian children: A prospective longitudinal study	Other

Mibei et al., 2016	Treatment outcomes of drug-resistant tuberculosis patients in Kenya	Population
Mohamed et al., 2017	Efficacies of DHA-PPQ and AS/SP in patients with uncomplicated Plasmodium falciparum malaria in an area of an unstable seasonal transmission in Sudan	Population
Mord et al., 2013	NECT field phase IIIb trial: Final effectiveness in adults and children results	Study Design
Moschovis et al., 2014	Stunting predicts poor outcome in children with severe pneumonia	Population
Mwanga-Amumpaire et al., 2012	Effect of vitamin A adjunct therapy for cerebral malaria in children admitted to Mulago hospital: a randomized controlled trial	Population
Njuguna et al., 2016	Urgent versus post-stabilization art in hospitalized children: A randomized trial	Study Design
Oluwayemi et al., 2013	Neurological sequelae in survivors of cerebral malaria	Population
Opoka et al., 2012	Risk of readmission or death within six months after initial discharge among Ugandan children with severe malarial anemia and cerebral malaria	Other
Ouma et al., 2012	Functional haplotypes of Fc gamma (Fcgamma) receptor (FcgammaRIIA and FcgammaRIIIB) predict risk to repeated episodes of severe malarial anemia and mortality in Kenyan children	Population
Patel et al., 2012	Risk factors for predicting diarrheal duration and morbidity in children with acute diarrhea	Population
Phiri et al., 2012	Intermittent preventive therapy post-discharge (IPTpd) to prevent rebound severe malaria anaemia in young children	Other
Poirot et al., 2016	Development of a pharmacovigilance safety monitoring tool for the rollout of single low-dose primaquine and artemether-lumefantrine to treat Plasmodium falciparum infections in Swaziland: A pilot study	Population
Qamar et al., 2016	Predictors of diarrheal mortality and patterns of caregiver health seeking behavior in Karachi, Pakistan	Population
Rainwater-Lovett et al., 2013	Immunologic risk factors for early mortality after starting antiretroviral therapy in HIV-Infected Zambian children	Population
Rodriguez-Barraquer et al., 2016	Quantifying Heterogeneous Malaria Exposure and Clinical Protection in a Cohort of Ugandan Children	Population
Rolling et al., 2012	Extended haematological follow-up after parenteral artesunate in African children with severe malaria	Other
Shabani et al., 2013	High levels of erythropoietin are not associated with neuroprotection in ugandan children with cerebral malaria	Population
Somasse et al., 2016	Relapses from acute malnutrition and related factors in a community-based management programme in Burkina Faso	Population
Soni et al., 2017	Clinical profile and neurodevelopmental outcome of new-onset acute symptomatic seizures in children	Population
Sreenivasan et al., 2012	Sequelae of moderate-to-severe diarrhea among young children in Western Kenya, 2008-2011	Other
Tiemeier et al., 2013	The effect of geography and demography on outcomes of emergency department patients in rural uganda	Other
Phiri et al., 2012	Intermittent preventive therapy for malaria with monthly artemether-lumefantrine for the post-discharge management of severe anaemia in children aged 4-59 months in southern Malawi: a multicentre, randomised, placebo-controlled trial	Duplicate
van den Boogaard et al., 2017	How do low-birthweight neonates fare 2 years after discharge from a low-technology neonatal care unit in a rural district hospital in Burundi?	Population
van Dijk et al., 2013	Effectiveness of Efavirenz-Based Regimens in Young HIV-Infected Children Treated for Tuberculosis: A Treatment Option for Resource-Limited Settings	Population
Wirth et al., 2012	Immunologic effects of measles infection among hivpositive children and adolescents in Botswana	Other
Zubairi et al., 2017	Hyaluronidase-Assisted Resuscitation in Kenya for Severely Dehydrated Children	Outcome

