

### Data abstraction tool (format)

**Title of the research thesis:** Predictors for mortality of preterm neonates admitted at Neonatal Intensive Care Unit of Hawassa University Comprehensive Specialized Hospital at Hawassa, Ethiopia, 2021.

This data abstraction tool is prepared for the collection of baseline socio-demographic data, maternal obstetrics, preterm neonatal, maternal medical predictors and outcomes related information of preterm neonates. It will be retrieved from the client's registration book and from an individual patient card without mentioning the name of the patients admitted at NICU from 2019-2021.

Q.N	Questions	Possible answers	Skip
<b>Data abstraction format for premature neonate</b>			
<b>Baseline Socio demographic characteristics of premature neonate</b>			
101	MRN of neonate	_____	
102	Date of admission	Day___/Mon___/year_____	
103	Date of delivery	Day___/Mon___/year_____	
104	Date of discharge	Day___/Mon___/year____	
105	Age of neonate (in day)	_____Days	
106	Sex	1. Male 2. Female	
107	Gestational age in Weeks	_____Weeks	
108	Birth weight in grams	_____Grams	
109	APGAR score	_____1 <sup>st</sup> min & _____5 <sup>th</sup> min	
<b>Preterm neonates medical problems</b>			
201	Had the neonate been diagnosed with any medical disorders?	1. Yes 2. No	If no, go to #203

202	If yes to question no #201, what was the diagnosis?	1. Respiratory distress 2. Jaundice 3 Perinatal asphyxia 4. Hypothermia 5. Hypoglycemia 6. Sepsis 7. Congenital anomalies 8.Others_____	
203	Neonatal status at the end of the study	1. Death 2. Alive 3. Referred 4. Against medical advice 5. Disappeared 6. Other_____	
205	If died, time of neonatal death(in day)	_____day	
206	Length of hospital stay	_____days	
207	Was the neonate delivered in health institution	1.Yes      2. No	
208	If Yes, at which health institution	Hawassa Comprehensive Specialized Hospital Referred from other institution	
<b>Data abstraction format for the mother</b>			
<b>Baseline socio-demographic characteristics of the mother</b>			
301	Age of mother in years	_____years	
302	Place of residence	1. Rural 2. Urban	
<b>Obstetric related factors of the mother</b>			
401	Number of Gravidity	_____	

402	Number of Parity	_____	
403	Does the mother have ANC follow up?	1. Yes 2. No 3. Not specified	
404	If yes, how many times?	_____	
405	Was the recent pregnancy multiple?	1. Yes 2. No 3 Not specified	
406	Has she been diagnosed for any obstetric problems	1. Yes 2. No	If no, go to #408
407	If yes to question no #406, Which did you diagnosed? (More than one option is possible)	1. PROM 2. Preeclampsia 3. Abruptio placenta 4. Placenta Preavia 5. Eclampsia 6. Polyhydraminus 7. Oligohydraminus 8. Other_____	
408	What was her Current mode of delivery?	1. Vaginal delivery 2. Cesarean section 3. Instrumental	
407	Did the neonate breastfeed?	1. Yes 2. No 3 .Not specified	If no, go to #501
408	If yes, when was the breast feed initiated	1. <1hour 2. 1hour -2 hours 3. >2hours 4. Not specified	
<b>Medical problems of the mother</b>			

501	Has she been diagnosed with any medical problems	1. Yes 2. No	
502	If yes for question #501, what was the diagnosis(more than one option is possible)	HIV/AIDS Hypertension Anemia Malaria Kidney problem Others_____	