

Supplementary file 1: Availability and functionality of items among hospitals and health centers offering antenatal care services in West Gojjam Zone, Northwest Ethiopia.

No	Items per dimension	Facility Type		Total (n=15)
		Hospital (n=5)	Health center (n=10)	
1	Availability of infrastructure (7)			
	▪ Water within the compound	5	5	10
	▪ Electricity from any source (e.g. electricity grid, generator, solar, or other)	5	5	10
	▪ Ambulance/any vehicle for emergence (available free of charges)	4	4	8
	▪ Functioning landline telephone or a mobile phone supported by the facility	5	6	11
	▪ Functioning computer	4	6	10
	▪ Internet access within the facility	1	---	1
	▪ Separate room for ANC consultations with auditory and visual privacy	5	8	13
	Group average			9
2	Essential equipment(10)			
	▪ Blood pressure apparatus	5	8	13
	▪ Stethoscope	5	9	13
	▪ Thermometer	4	7	11
	▪ Adult scale(Functional)	8	5	12
	▪ Fetoscope	5	10	15
	▪ Gloves(non-sterile)	5	10	15
	▪ Gloves sterile	5	9	14
	▪ Vacuum aspiration equipment (MVA) set	5	3	8
	▪ Suction apparatus	5	7	12
	▪ MUAC Tape mother	3	6	9
	Group average			12
3	Availability of essential drugs and vaccines (14)			

	• Tetanus toxoid	5	10	15	
	• Iron/ Folic acid	4	9	13	
	• IV fluids(of any type)	5	7	12	
	• Magnesium sulfate (injection)	3	---	3	
	• Calcium gluconate	2	-----	2	
	• Antiretroviral drugs	5	4	9	
	• Insecticide treated bed nets	-----	2	2	
	• Anti-malaria drugs (Quartum, Quinine, and other)	4	7	11	
	• Anti-helminthes (mebendazole or others)	5	9	14	
	• Cotrimoxazole	5	8	13	
	• Parenteral antibiotics	5	3	8	
	• Methyldopa or propranolol or any other antihypertensive	5	3	8	
	• Diazepam (injection)	4	5	9	
	• Parenteral oxytocic	5	10	15	
	Group average			10	
4	Diagnostic Capacities (8)				
	▪ Urine pregnancy test (HCG)	4	5	9	
	▪ Hemoglobin test	4	6	10	
	▪ Blood and Rh grouping	5	8	13	
	▪ .Malaria diagnostic capacity	5	9	14	
	▪ Proteinuria test	5	7	12	
	▪ RPR for Syphilis	4	8	12	
	▪ HIV test	5	8	13	
	▪ Urinalysis for bacteriuria	5	8	13	
	Group average			12	
5	Staffing and guidelines/job aids	Standard	Available	Standard	Available

I	Staffing					
	Generalist(non-specialist) medical doctors	14	5	1	---	5
	Gynecologist and obstetrician	2	-----			----
	Health officer			2	10	10/10
	Nurses of all categories	97	1	5	10	11
	Midwives	13	4	3	8	12
	Laboratory technicians/technologists	10	5	2	10	15
	Pharmacist or pharmacy technician	10	4	3	9	13
II.	ANC checklists and/job aids		Hospital	Health center		
			4	7		11
	Group average					11
	Total structural Score (Average)					11

Note: MUAC=mid upper arm circumference; ANC=antenatal care; HCG=Human chorion gonadotropin hormone; MVA>manual vacuum aspiration;