

Supplementary file 2: Summary of the procedures and processes of care provided during antenatal visit in west Gojjam Zone, Northwest Ethiopia

	Clinical observation	Facility type		
1	Interpersonal performance(6)	Hospital (n=130)	Health Center (n=665)	Total (n=795)
1	The health worker greeted women in a friendly way	62	335	397
2	The health worker introduced him self	49	260	309
3	The health worker called the client by name	77	291	368
4	The health worker ensured privacy (visual and auditory)	103	533	636
5	The health worker encouraged women to ask questions	99	576	675
6	Gave attention to what the woman talks about	78	398	476
	Average			477
2	Technical performance(40)			
A	History taking(12)			
1	The health worker asked or checked client card about her age	97	525	622
2	The health worker asked about number of previous pregnancies	100	513	613
3	The health worker asked about duration of present pregnancy	102	555	657
4	The health worker asked about the previous obstetric history, if relevant (such as stillbirth, abortion, neonatal loss...)	82	436	518
5	The health worker asks asked about any co-morbidity(hypertension, diabetic mellitus)	86	438	524
6	The health worker asked whether the woman feel fetal movements, if relevant [consider gestational age and parity]	96	472	568
	Asks whether she has experienced any of the following for current pregnancy:			

7	Vaginal bleeding	96	510	606
8	Fever	92	471	563
9	Severe headaches and/or blurred vision	99	518	617
10	Swollen face or hands	104	541	645
11	Convulsions or loss of consciousness	72	402	474
12	Severe abdominal pain	94	467	561
	Average			580
B Clinical Examination (9)				
1	Check body weight	95	484	579
2	Take blood pressure	91	455	546
3	Measured mid upper arm circumference (MUAC)	60	348	408
4	Check signs of anemia	84	432	516
5	Check for edema	102	452	554
	Performs the following steps for abdominal examination:			
6	Inspect abdomen	108	556	664
7	Palpate abdomen for size and fetal position	111	574	685
8	measure fundal height with measuring tape	78	414	492
9	Checks fetal heart rate with fetoscope	92	474	566
	Average			557
C Laboratory tests & preventive measures (9)				
Laboratory examinations(6)				
1	urine protein test	120	379	499
2	Urinalysis for bacteriuria	39	211	250

3	Hemoglobin or Hematocrit	76	379	455
4	Blood grouping (ABO type and Rhesus factor)	98	469	567
5	Test for Human immune-deficiency virus (HIV)	120	619	739
6	Syphilis test using rapid plasma regain(RPR)	74	373	447
	Preventive measures(3)			
7	check for anemia and prescribed iron/folic acid	117	575	692
8	Deworming checked and given if eligible	26	115	141
9	Tetanus toxoid immunization status is checked and given	117	605	722
	Average			501
D	Counselling given on the following topics(10)			
1	Advantages of facility delivery	95	476	571
2	Birth preparedness & emergency readiness	100	503	603
3	Diet and nutrition	106	556	662
4	Personal hygiene and self-care	94	465	559
5	Importance of bed-nets	68	505	573
6	Information on signs of true labor	78	385	463
7	postpartum family planning	61	316	377
8	Mother to child transmission of HIV and its prevention	106	550	656
9	Counsel on sexually transmitted infections including syphilis	75	377	452
10	Danger signs of pregnancy and actions to be taken	102	472	574
	Average for counseling			549
	Average for technical performance			475