

Appendix Table 1. Summary of publicly financed facility representation in each category

Facility type	Primary health care (PHC) facilities			Secondary and tertiary care (STC) facilities		
	Health centers	Rural/Community hospitals (RCH)	Total	District hospitals	Central hospitals	Total
<b>Total facilities</b>	485	41	526	48	5	53
<b>Non-functional facilities*</b>	14	0	14	0	0	0
<b>HHFA samples</b>	471**	41	512	48	4	52

\*We consider the facilities not surveyed by the HHFA as "non-functional" because HHFA is a census survey.

\*\*Three quasi-district hospitals were categorized as "District Hospitals": Ndirande Health Centre, Matawale Health Centre, and Mzuzu Health Centre.

Appendix Table 2: NCD services analyzed by expected level of service

Condition	Primary health care facilities		Secondary and tertiary facilities	
	Health Centers	Rural/Community Hospitals	District Hospitals	Central Hospitals
<b>Controlled chronic conditions</b>				
Chronic asthma	x	x	x	x
Hypertension (stage 1 or 2)	x	x	x	x
Type 1 diabetes	x	x	x	x
Type 2 diabetes	x	x	x	x
Oral pain care	x	x	x	x
Injectable pain care		x	x	x
Hypertension requiring three or more antihypertensive classes	x	x	x	x
Heart failure		x	x	x
Chronic RHD		x	x	x
<b>Acute exacerbations and complications</b>				
Mild/moderate acute Asthma		x	x	x
Moderate/severe acute Asthma		x	x	x
Acute diabetic events		x	x	x
Acute epilepsy		x	x	x
injuries/ acute minor Surgical conditions+		x	x	x

Appendix Table 3: Service Indicators

## Part 1: Acute conditions

diseases	Essential equipment and medications	Availability Indicators	Functionality Indicators	“Never Available” Data Availability	Facility Types Surveyed*
Mild/moderate acute Asthma	Functional X-ray machine	T125_01 (Y = 1,2,3; N = 4,NA)	T125_01 (Y = 1; N = 2,4,NA)	No Data	1,2,3
	Oxygen availability (cylinder or concentrator)	HH101_22 (Y = “Yes”, N = “No”, NA) <b>OR</b> HH101_23 (cylinder) (Y = “Yes”, N = “No”, NA)	HH101A22 (Y = “Yes”, N = “No”, NA) <b>OR</b> HH101A23 (Y = “Yes”, N = “No”, NA)	No Data	1,2,3,4
	Peak flow meter in NCD or general outpatient area	No Data (used SPA data for estimation)	No Data	No Data	No Data
	Prednisolone	U103_10 (Y = 1,2; N = 3,4,5,NA)	U103_10 (Y = 1; N = 2,3,4,5,NA)	U103_10 = 5	1,2,3,4
	Pulse oximeter	HH101_8 (Y = “Yes”, N = “No”, NA)	HH101A8 (Y = “Yes”, N = “No”, NA)	No Data	1,2,3,4
	Salbutamol inhaler	U103_21 (Y = 1,2; N = 3,4,5,NA)	U103_21 (Y = 1; N = 2,3,4,5,NA)	U103_21 = 5	1,2,3,4
Moderate/severe Asthma	Functional X-ray machine	T125_01 (Y = 1,2,3; N = 4,NA)	T125_01 (Y = 1; N = 2,4,NA)	No data	1,2,3
	Oxygen availability (cylinder or concentrator)	HH101_22 (Y = “Yes”, N = “No”, NA) <b>OR</b> HH101_23 (cylinder) (Y = “Yes”, N = “No”, NA)	HH101A22 (Y = “Yes”, N = “No”, NA) <b>OR</b> HH101A23 (Y = “Yes”, N = “No”, NA)	No data	1,2,3,4
	Peak flow meter in NCD or general	No Data (used SPA data for estimation)	No data	No data	No data

	outpatient area				
	Prednisolone	U103_10 (Y = 1, 2; N = 3,4,5,NA)	U103_10 (Y = 1; N = 2,3,4,5,NA)	U103_10 (Y = 1; N = 2,3,4,5,NA)	1,2,3,4
	Pulse oximeter	HH101_8 (Y = "Yes", N = "No", NA)	HH101A8 (Y = "Yes", N = "No", NA)	No data	1,2,3,4
	Salbutamol inhaler	U103_21 (Y = 1, 2, 3, 4, 5, NA)	U103_21 (Y = 1; N = 2, 3, 4, 5, NA)	U103_21 (Y = 1; N = 2, 3, 4, 5, NA)	1,2,3,4
	Micro nebuliser in NCD or general outpatient area	No Data (used in SPA data for estimation)	No Data	No Data	No Data
	Hydrocortisone injection	U103_11 (Y = 1, 2, 3, 4, 5, NA)	U103_11 (Y = 1; N = 2, 3, 4, 5, NA)	U103_11 (Y = 1; N = 2, 3, 4, 5, NA)	1,2,3,4
Acute diabetes	Blood glucose test equipment	T105_01 (Y = 1, 2; N = 3, NA)	No Data	No Data	1,2,3,4
	Blood pressure apparatus in NCD or general outpatient area	HH101_15 (Y = "Yes", N = "No", NA)	HH101A15 (Y = "Yes", N = "No", NA)	No Data	1,2,3,4
	Infusion kit for intravenous fluids	M116_161 (Y = "Yes", N = "No")	No Data	No Data	1,2,3,4
	Injectable glucose	U103_03 (Y = 1, 2, 3, 4, 5, NA)	U103_03 (Y = 1; N = 2, 3, 4, 5, NA)	U103_03 (Y = 1; N = 2, 3, 4, 5, NA)	1,2,3,4
	Insulin	U103_02 (Y = 1, 2, 3, 4, 5, NA)	U103_02 (Y = 1; N = 2, 3, 4, 5, NA)	U103_02 (Y = 1; N = 2, 3, 4, 5, NA)	1,2,3,4
	Liver and kidney function diagnostics (creatinine, electrolytes)	T113_03 (Y = 1, 2; N = 3, NA) Or T122_01 (Y = 1, 2; N = 3, NA) Or T123_01 (Y = 1, 2, 3; N = 4, NA)	T123_01 (Y = 1; N = 2, 3, 4, NA)	T123_01 (Y = 1; N = 2, 3, 4, NA)	1,2,3
Acute epilepsy	Diazepam injection	U125_16 (Y = 1, 2, 3, 4, 5, NA) Or U126_05 (Y = 1, 2, 3, 4, 5, NA)	U125_16 (Y = 1; N = 2, 3, 4, 5, NA) Or U126_05 (Y = 1; N = 2, 3, 4, 5, NA)	U125_16 (Y = 1; N = 2, 3, 4, 5, NA) Or U126_05 (Y = 1; N = 2, 3, 4, 5, NA)	All facility types <b>And</b> M103.Yes.Conta ins(8)

		1,2; N = 3,4,5,NA)	1; N = 2,3,4,5,NA)		
Injuries/ acute minor surgical conditions+	Lidocaine in minor surgical area	U125_12 (Y = 1,2; N = 3,4,5,NA)	U125_12 (Y = 1; N = 2,3,4,5,NA)	U125_12 (Y = 1,2,3,4,5)	1,2,3,4
	Nasogastric tubes in minor surgical area	RR115_7 (Y = "Yes", N = "No", NA)	RR115A7 (Y = "Yes", N = "No", NA)	No Data	1,2,3
	Needle holder in minor surgical area	RR115_3 (Y = "Yes", N = "No", NA)	RR115A3 (Y = "Yes", N = "No", NA)	No Data	1,2,3
	Oxygen availability (cylinder or concentrator)	HH101_22 (Y = "Yes", N = "No", NA) OR HH101_23 (cylinder) (Y = "Yes", N = "No", NA)	HH101A22 (Y = "Yes", N = "No", NA) OR HH101A23 (Y = "Yes", N = "No", NA)	No Data	1,2,3,4
	Retractor in minor surgical area	RR115_5 (Y = "Yes", N = "No", NA))	RR115A5 (Y = "Yes", N = "No", NA))	No Data	1,2,3
	Scalpel in minor surgical area	RR115_4 (Y = "Yes", N = "No", NA))	RR115A4 (Y = "Yes", N = "No", NA))	No Data	1,2,3
	Skin disinfectant in minor surgical area	U125_05 (Y = 1,2; N = 3,4,5,NA)	U125_05 (Y = 1, N = 2,3,4,5,NA)	U125_05 (Y = 1,2,3,4,5)	1,2,3,4
	Surgical scissors in minor surgical area	RR115_6 (Y = "Yes", N = "No", NA)	RR115A6 (Y = "Yes", N = "No", NA)	No Data	1,2,3
	Sutures in minor surgical area	U125_09 (Y = 1,2; N = 3,4,5)	U125_09 (Y = 1; N = 2,3,4,5)	U125_09 (Y = 1,2,3,4,5)	1,2,3,4
	Tourniquet in minor surgical area	RR115_8 (Y = "Yes", N = "No", NA)	RR115A8 (Y = "Yes", N = "No", NA)	No Data	1,2,3

Part 2: Chronic Conditions

Conditions	Availability of complete essential equipment and medications	Availability Indicators	Functionality Indicators	"Never Available" Data Availability	Facility Types Surveyed
Chronic asthma	Beclomethasone	U103_09 (Y = 1,2; N = 3,4,5)	U103_09 (Y = 1; N = 2,3,4,5)	U103_09 (Y = 1,2,3,4,5)	1,2,3,4

	inhaler	1,2; N = 3,4,5,NA	1; N = 2,3,4,5,NA)	=5	
	Salbutamol inhaler	U103_21 (Y = 1,2; N = 3,4,5,NA)	U103_21 (Y = 1; N = 2,3,4,5,NA)	U103_21 =5	1,2,3,4
	Stethoscope	HH101_13 (Y = "Yes", N = "No", NA)	HH101A3 (Y = "Yes", N = "No", NA)	No Data	1,2,3,4
Hypertension (stage 1 or 2)	At least two of: calcium channel blocker, ACE inhibitor, thiazide, atenolol	U103_04, U103_05, U103_06, U103_07 (Y = 1,2; N = 3,4,5)	U103_04, U103_05, U103_06, U103_07 (Y = 1; N = 2,3,4,5)	U103_04 =5 AND U103_05 =5 AND U103_06 =5 AND U103_07 =5	1,2,3,4
	Blood pressure apparatus	HH101_15 (Y = "Yes", N = "No",NA)	HH101A15 (Y = "Yes", N = "No",NA)	No data	1,2,3,4
	Stethoscope	HH101_13 (Y = "Yes", N = "No", NA)	HH101A3 (Y = "Yes", N = "No", NA)	No data	1,2,3,4
Hypertension requiring three or more antihypertensive classes	At least three of: calcium channel blocker, ACE inhibitor, thiazide, atenolol	U103_04, U103_05, U103_06, U103_07 (Y = 1,2; N = 3,4,5)	U103_04, U103_05, U103_06, U103_07 (Y = 1; N = 2,3,4,5)	U103_04 =5 AND U103_05 =5 AND U103_06 =5 AND U103_07 =5	1,2,3,4
	Blood pressure apparatus	HH101_15 (Y = "Yes", N = "No",NA)	HH101A15 (Y = "Yes", N = "No",NA)	No data	1,2,3,4
	Stethoscope	HH101_13 (Y = "Yes", N = "No", NA)	HH101A3 (Y = "Yes", N = "No", NA)	No data	1,2,3,4
Heart failure	Adult scale	HH101_1 (Y = "Yes", N = "No", NA)	HH101A1 (Y = "Yes", N = "No", NA)	No Data	1,2,3,4
	Atenolol or other beta-blocker	U103_06 (Y = 1,2; N = 3,4,5,NA)	U103_06 (Y = 1; N = 2,3,4,5,NA)	U103_06 =5	1,2,3,4

	Blood pressure apparatus	HH101_15 (Y = "Yes", N = "No", NA)	HH101A15 (Y = "Yes", N = "No", NA)	No data	1,2,3,4
	Captopril, enalapril or other ACE inhibitor	U103_04 (Y = 1,2; N = 3,4,5,NA)	U103_04 (Y = 1; N = 2,3,4,5,NA)	U103_04 = 5	1,2,3,4
	Furosemide	U103_13 (Y = 1,2; N = 3,4,5,NA)	U103_13 (Y = 1; N = 2,3,4,5,NA)	U103_13 = 5	1,2,3,4
	Stethoscope	HH101_13 (Y = "Yes", N = "No", NA)	HH101A3 (Y = "Yes", N = "No", NA)	No data	1,2,3,4
	Ultrasound equipment	T125_02 (Y = 1,2,3; N = 4,NA)	T125_02 (Y = 1; N = 2,3,4,NA)	No Data	1,2,3
chronic RHD	Benzathine penicillin	U106_18 (Y = 1,2; N = 3,4,5,NA)	U106_18 (Y = 1; N = 2,3,4,5,NA)	U106_18 = 5	1,2,3,4
	Injectable epinephrine	U125_20 (Y = 1,2; N = 3,4,5,NA) <b>OR</b> U103_12 (Y = 1,2; N = 3,4,5,NA)	U125_20 (Y = 1; N = 2,3,4,5,NA) <b>OR</b> U103_12 (Y = 1; N = 2,3,4,5,NA)	U125_20 = 5 <b>AND</b> U103_12 = 5	1,2,3
Type 1 diabetes	Blood glucose test equipment	T105_01 (Y = 1,2; N = 3,NA)	No data	No data	1,2,3,4
	Insulin	U103_02 (Y = 1,2; N = 3,4,5,NA)	U103_02 (Y = 1; N = 2,3,4,5,NA)	U103_02 = 5	1,2,3,4
Type 2 diabetes	Blood glucose test equipment	T105_01 (Y = 1,2; N = 3,NA)	No data	No data	1,2,3,4
	Metformin or glibenclamide	U103_01 (Y = 1,2; N = 3,4,5,NA) <b>OR</b> U103_14 (Y = 1,2; N = 3,4,5,NA)	U103_01 (Y = 1; N = 2,3,4,5,NA) <b>AND</b> U103_14 (Y = 1; N = 2,3,4,5,NA)	U103_01 = 5 <b>AND</b> U103_14 = 5	1,2,3,4
Pain care	Injectable morphine or pethidine	U127_07 (Y = 1,2; N = 3,4,5,NA)	U127_07 (Y = 1; N = 2,3,4,5,NA)	U127_07 = 5	1,2,3

	Oral pain medication (paracetamol, ibuprofen, aspirin or diclofenac)	U103_20 OR U103_17 OR U111_08 OR U103_08; Y = 1,2; N = 3,4,5,NA	OR U103_20 OR U103_17 OR U111_08 OR U103_08; Y = 1; N = 2,3,4,5,NA	OR U103_20 OR U103_17 OR U103_08; Y = 1; N = 2,3,4,5,NA	1,2,3,4

\* Facility types: 1 = central hospitals, 2 = district hospitals, 3 = rural/community hospitals, 4 = health centres



Appendix Table 4: Missingness in HHFA data

		Health Center (n=471)		Rural Community Hospital (n=41)		District Hospital (n=48)		Central Hospital (n=4)	
		Missing data							
Condition	Essential Equipment & Medication	Available Components	Functional Components	Available Components	Functional Components	Available Components	Functional Components	Available Components	Functional Components
<b>Chronic Conditions</b>									
Chronic asthma	Beclomethasone inhaler	0%	0%	0%	0%	0%	0%	0%	0%
	Salbutamol inhaler	0%	0%	0%	0%	0%	0%	0%	0%
	Stethoscope	1%	1%	0%	0%	0%	0%	0%	0%
	At least two of: calcium channel blocker, ACE inhibitor, thiazide, atenolol	0%	0%	0%	0%	0%	0%	0%	0%
Hypertension (stage 1 or 2)	Blood pressure apparatus	1%	7%	0%	0%	0%	0%	0%	0%
	Stethoscope	1%	1%	0%	0%	0%	0%	0%	0%
Type 1 diabetes	Blood glucose	2%	100%	0%	100%	0%	100%	0%	100%

	test equipment								
	Insulin	0%	0%	0%	0%	0%	0%	0%	0%
Type 2 diabetes	Blood glucose test equipment	2%	100%	0%	100%	0%	100%	0%	100%
	Metformin or glibenclamide	0%	0%	0%	0%	0%	0%	0%	0%
Pain care	Oral pain medication	0%	0%	0%	0%	0%	0%	0%	0%
	Injectable morphine or pethidine	99%	99%	15%	15%	17%	17%	0%	0%
Hypertension requiring three or more antihypertensive classes	At least three of: calcium channel blocker, ACE inhibitor, thiazide, atenolol	0%	0%	0%	0%	0%	0%	0%	0%
	Blood pressure apparatus	1%	7%	0%	0%	0%	0%	0%	0%
	Stethoscope	1%	1%	0%	0%	0%	0%	0%	0%
Heart failure	Adult scale	1%	7%	0%	2%	0%	2%	0%	0%
	Atenolol or other beta-blocker	0%	0%	0%	0%	0%	0%	0%	0%
	Blood pressure apparatus	1%	7%	0%	0%	0%	0%	0%	0%

	Captopril, enalapril or other ACE inhibitor	0%	0%	0%	0%	0%	0%	0%	0%
	Furosemide	0%	0%	0%	0%	0%	0%	0%	0%
	Stethoscope	1%	1%	0%	0%	0%	0%	0%	0%
	Ultrasound equipment	99%	99%	15%	15%	17%	17%	0%	0%
chronic RHD	Benzathine penicillin	0%	0%	0%	0%	0%	0%	0%	0%
	Injectable epinephrine	0%	0%	0%	0%	0%	0%	0%	0%
<b>Acute Conditions</b>									
Mild/moderate acute Asthma	Functional X-ray machine	99%	99%	15%	15%	17%	17%	0%	0%
	Oxygen availability (cylinder or concentrator)	1%	75%	0%	12%	0%	13%	0%	0%
	Peak flow meter in NCD or general outpatient area	100%	100%	100%	100%	100%	100%	100%	100%
	Prednisolone	0%	0%	0%	0%	0%	0%	0%	0%
	Pulse oximeter	2%	84%	2%	8%	2%	8%	0%	0%

	Salbutamol inhaler	0%	0%	0%	0%	0%	0%	0%	0%
Moderate/severe acute Asthma	Functional X-ray machine	99%	99%	15%	15%	17%	17%	0%	0%
	Oxygen availability (cylinder or concentrator)	1%	75%	0%	12%	0%	13%	0%	0%
	Peak flow meter in NCD or general outpatient area	100%	100%	100%	100%	100%	100%	100%	100%
	Prednisolone	0%	0%	0%	0%	0%	0%	0%	0%
	Pulse oximeter	2%	84%	2%	8%	2%	8%	0%	0%
	Salbutamol inhaler	0%	0%	0%	0%	0%	0%	0%	0%
	Micro nebulizer in NCD or general outpatient area	100%	100%	100%	100%	100%	100%	100%	100%
	Hydrocortisone injection	0%	0%	0%	0%	0%	0%	0%	0%
	Acute diabetes	Blood glucose test equipment	2%	100%	0%	100%	0%	100%	0%

	Blood pressure apparatus in NCD or general outpatient area	1%	7%	0%	0%	0%	0%	0%	0%
	Infusion kit for intravenous fluids	11%	100%	6%	100%	6%	100%	0%	100%
	Injectable glucose	0%	0%	0%	0%	0%	0%	0%	0%
	Insulin	0%	0%	0%	0%	0%	0%	0%	0%
	Liver and kidney function diagnostics (creatinine, electrolytes)	97%	97%	6%	6%	6%	6%	0%	0%
Acute epilepsy	Diazepam injection	99%	99%	15%	15%	17%	17%	0%	0%
Injuries/ acute minor surgical conditions+	Lidocaine in minor surgical area	0%	0%	0%	0%	0%	0%	0%	0%
	Nasogastric tubes in minor surgical area	99%	99%	13%	23%	15%	25%	0%	0%
	Needle holder in minor surgical	99%	99%	13%	15%	15%	17%	0%	0%

	area								
	Oxygen availability (cylinder or concentrator)	1%	75%	0%	12%	0%	13%	0%	0%
	Retractor in minor surgical area	99%	99%	13%	15%	15%	17%	0%	0%
	Scalpel in minor surgical area	99%	99%	13%	15%	15%	17%	0%	0%
	Skin disinfectant in minor surgical area	0%	0%	0%	0%	0%	0%	0%	0%
	Surgical scissors in minor surgical area	99%	99%	13%	15%	15%	17%	0%	0%
	Sutures in minor surgical area	0%	0%	0%	0%	0%	0%	0%	0%
	Tourniquet in minor surgical area	99%	99%	13%	31%	15%	31%	0%	25%

Appendix Table 5: nebulizer and peak-flow meter availability from SPA data, 2015

Medical component	Facility type	Total facilities	Facilities with availability	% availability
Nebulizer	Central hospital	4	3	75.00
	District hospital	24	6	25.00
	Other hospital	47	28	59.25
	Rural / community hospital	41	9	21.95
	Health center	473	24	5.07
	Clinic	317	38	12.02
	Health post	20	NA	NA
	Maternity	4	NA	NA
	Dispensary	47	1	2.00
	Total	977	109	11.09
Peak-flow meter	Central hospital	4	1	25.00
	District hospital	24	1	4.17
	Other hospital	47	13	27.58
	Rural / community hospital	41	2	4.88
	Health center	473	8	1.68
	Clinic	317	12	3.79
	Health post	20	NA	0.00
	Maternity	4	NA	0.00
	Dispensary	47	NA	0.00
	Total	977	37	3.76



































































Appendix Figure 1: Service readiness and availability of equipment and Medicines by level

**Part-1**

Category	Condition	Essential Equipment & Medicines	PHC (% functional)		STC (% functional)	
Chronic Conditions	Chronic Asthma	SR	8	8%	40	40%
		Beclomethasone inhaler	8	8%	42	42%
		Salbutamol inhaler	71	71%	88	88%
		Stethoscope	93	93%	100	100%
	HTN (Stage 1 or 2)	SR	34	34%	88	88%
		>=2: CCB, ACEI, thiazide, atenolol	37	37%	88	88%
		Blood pressure apparatus	89	89%	98	98%
		Stethoscope	93	93%	100	100%
	Type 1 diabetes	SR	5	5%	88	88%
		Blood glucose apparatus	43	43%	98	98%
		Insulin	6	6%	90	90%
	Type 2 diabetes	SR	21	21%	94	94%
		Blood glucose apparatus	43	43%	98	98%
		Metformin/glibenclamide	30	30%	96	96%
	Chronic pain (oral)	SR	95	95%	100	100%
		Oral pain medicine	95	95%	100	100%
	Chronic pain (Injectable care)*	SR	22	22%	29	29%
		Injectable morphine/pethidine	22	22%	29	29%
	HTN (complicated)	SR	15	15%	75	75%
		>=3: CCB, ACEI, thiazide, atenolol	16	16%	75	75%
		Blood pressure apparatus	89	89%	98	98%
		Stethoscope	93	93%	100	100%
	Chronic Heart Failure*	SR	22	22%	38	38%
		Adult scale	95	95%	98	98%
		Atenolol or other beta-blocker	71	71%	79	79%
		Blood pressure apparatus	93	93%	98	98%
		Captopril, enalapril or other ACEI	66	66%	75	75%
		FRS	71	71%	85	85%
		Stethoscope	95	95%	100	100%
		Ultrasound equipment	34	34%	77	77%
Chronic RHD*	SR	32	32%	44	44%	
	BPG	78	78%	83	83%	
	Injectable epinephrine	32	32%	56	56%	



## Part -2

Category	Condition	Essential Equipment & Medicines	PHC (% functional)		STC (% functional)			
Acute Conditions	Acute Asthma (Mild/moderate)*	SR	17		17%	48		48%
		Oxygen availability	85		85%	88		88%
		Peak flow meter	NA	NA		NA	NA	
		Prednisolone	73		73%	88		88%
		Pulse oximeter	59		59%	88		88%
		Salbutamol inhaler	93		93%	88		88%
		X-ray	29		29%	73		73%
	Acute Asthma (Moderate/severe)*	SR	15		15%	42		42%
		X-ray	29		29%	73		73%
		Oxygen availability	85		85%	88		88%
		Peak flow meter	NA	NA		NA	NA	
		Prednisolone	73		73%	88		88%
		Pulse oximeter	60		60%	88		88%
		Salbutamol inhaler	93		93%	88		88%
	Acute diabetic event*	Micro nebuliser	NA	NA		NA	NA	
		Hydrocortisone injection	61		61%	85		85%
		SR	12		12%	87		87%
		Blood glucose apparatus	95		95%	98		98%
		Blood pressure apparatus	93		93%	98		98%
		IV infusion kit	90		90%	92		92%
		Injectable glucose	80		80%	92		92%
	Acute epilepsy*	Insulin	46		46%	90		90%
		Liver and kidney diagnosis	17		17%	31		31%
	Injuries/acute minor surgical conditions*	SR	36		36%	85		85%
		Diazepam injection	37		37%	85		85%
		SR	24		24%	46		46%
		Lidocaine	95		95%	98		98%
		Nasogastric tubes	66		66%	77		77%
		Needle holder	90		90%	85		85%
		Oxygen availability	85		85%	88		88%
Retractor		51		51%	85		85%	
Scalpel		85		85%	85		85%	
Skin disinfectant		85		85%	87		87%	
Surgical scissors	78		78%	85		85%		
	Sutures	90		90%	98		98%	
	Tourniquet	59		59%	69		69%	

