

	<b>Tertiary Care</b>	<b>Secondary Care</b>			<b>Primary care</b>		
<b>LEVELS</b>	<b>Tertiary hospital</b>	<b>Hospital Gr1</b>	<b>Hospital Gr. 2</b>	<b>Hospital Gr. 3</b>	<b>HC Gr 1</b>	<b>HC Gr 2</b>	<b>HC Gr 3</b>
<b>CRITERIA</b>							
Patient Load (OP)/yr	>50,000	35,001- 50,000	15001- 35000	10,001 -15,000	5001 10,000	501 - 5000	<500
Average Bed occupancy/yr based on IP bed capacity	60% 100 beds	60% of 50 beds	60% of 25 beds	60% of 15 beds	60% of 6 beds	60% of 4 beds	60% of 2 beds
Exemption criteria				>+10nm & pop >1700	-	-	-
Population					1001 -5001	501 - 1000	<500
<b>Services</b>							
Community Health Services	CHS Unit	CHS Unit	CHS Unit	CHS Unit	CHO	CHO	FHO/CHO
Family Protection Services	FPU	FPU	FPU	FPU	SSO	SSO	
<b>Emergency Services</b>	Specialty A & E	Specialty A & E	Specialty A & E	General and maternity A&E	General A&E	General A&E	Basic First Aid services
	Sea and land EMS	Sea and land EMS	Sea and land EMS	Sea and land EMS	Land EMS service		
	OT	OT	OT	OT			
<b>General Ambulatory Services</b>	-	GP services	GP services	GP services	GP services	GP services	
<b>Specialties</b>	Medicine	Medicine	Medicine	-			
	Surgery	Surgery	Surgery	-	-	-	-
	Paediatrics & neonatology	Paed	Paed	Paed	-	-	-
	Obs & Gynae	Obs & Gynae	Obs & Gynae	Obs & Gynae	NM	ANM	ANM
	Dental	Dental	Dental	-	-	-	-
	Ortho	Ortho	Ortho	-	-	-	-
	Dermatology	Dermatology	-	-	-	-	-
	Psychiatry	Psychiatry	-	-	-	-	-
	Ophthal	Ophthalmology	Ophthalmology	-	-	-	-
	ENT	ENT	-	-	-	-	-
Anesthesia	Anesthesia	Anesthesia	Anesthesia	-	-	-	
<b>Sub specialties</b>	<b>Selected from Annex 1</b>		-	-	-	-	-
<b>Clinical Therapy Services</b>	Gen & Sp. Physiotherapy			-	-	-	
<b>Diagnostic Services</b>	Ref. Med. Lab	Medical Lab- L1		Med Lab-LII	Medical Lab III	Min. Tests	Min. Tests
	Adv.Radiology	Radiology 1	Radiology II	Radiology II	Radiology III	-	-

<b>Blood transfusion services</b>	BTS	Blood Bank	Blood Bank	Blood storage centre	-	-
<b>Medical supplies</b>	Medical Store	Medical Store	Medical Store	Medical Store	-	-
<b>Sterile supplies</b>	CSSD	CSSD	CSSD	CSSD	Sterilization equipment	
<b>Medicines</b>	Pharmacy – L1	Pharmacy - L1	Pharmacy - LII	Pharmacy - LII	Pharmacy - LII	Pharm - LIII Pharm - LIII

Exemption Criteria – Time to hospital >1 hr (>or = to 10 nautical miles to the hospital).

If >500 - HF - Gr.3. If population <500 HF Gr. 4 services will be provided. If previous Atoll Hosp. current facilities to be maintained.

Annex 1 Subspecialties for Tertiary care Health Facilities, Annex: 2 Grading of Radiology; Annex 3 Grading of Medical Laboratories.

### Annex 1: Sub Specialties for Tertiary care

1. Cardiac Centre – Cath lab
2. Dialysis/nephrology & urology
3. Radio and chemotherapy
4. Neurology/neurosurgery
5. Neonatology
6. Thalassaemia and Blood disorders
7. Trauma Centre
8. Detoxification centre
9. Mental Health Services
10. Complimentary Medicine / Alternative Medicine

Other subspecialties may be considered as per need

### Annex 2: Grading of Radiology services

Advanced Radiology Services: MRI, CT, X-ray and US Scan

Radiology Level I: CT, X-ray and US Scan

Radiology Level II: X-ray and US Scan

Radiology Level III: US Scan

## Annex 3: Grading of Medical labs

## Tests for lab L- I services

Haematology		Biochemistry		Serology	
1	Haemoglobin	30	Blood Glucose	59	ASOT
2	WBC Count	31	Glucose Tolerance Test	60	RAF
3	Differential Count	32	Blood Urea	61	Widal
4	ESR	33	S.Creatinine	62	CRP
5	Haematocrit	34	S. Uric Acid	63	HBsAg Screening
6	RBC Indices	35	S. Cholesterol	64	HIV Screening
7	Platelet Count	36	HDL Cholesterol	65	HCV Screening
8	Absolute Eosinophil Count	37	S. Triglycerides	66	VDRL
9	Bleeding Time	38	S. Bilirubin	67	Dengue Ag test.*
10	Clotting Time	39	AST		
11	Direct Coombs Test	40	ALT	<b>Clinical Pathology</b>	
12	Indirect coombs Test	41	Alkaline Phosphatase	68	Urine Albumin
13	Blood smear morphology	42	LDH	69	Urine Sugar
14	Haemoparasites	43	GGT	70	Urine Microscopy
15	Prothrombin Time /INR	44	Serum Proteins	71	Urine -Specific Gravity
16	APTT	45	Serum Albumin	72	Urine Bile salts
		46	Serum Globulin	73	Urine Bile pigments
<b>Microbiology</b>		47	CK	74	Urobilinogen
17	Aural swab culture	48	CK-MB	75	Pregnancy test
18	CSF culture	49	S. Na+	76	Urine and Serum beta HCG
19	HVS culture	50	S.K+	77	Stool - routine
20	Nasal swab culture	51	S.Cl-	78	Stool - reducing substances
21	Urine culture	52	S. Amylase	79	Stool - occult blood
22	Stool culture	53	S.Phosphorous	80	Work Permit Medical
23	Throat swab culture	54	HbA1C*	81	Food Handler's Medical
24	Gram staining for GC	55	Troponin T		
25	Antibiotic susceptibility test	<b>Blood Transfusion Services</b>			

26	CSF analysis	56	Blood Group		
27	CSF- bacterial antigen test	57	Rh Typing		
28	AFB Microscopy	58	Crossmatching		
29	Mantoux skin test				
Specimen collection and transport of clinical specimens to other centers for testing					
Voluntary Counseling and Testing services for HIV					
Dengue IgG -rapid test for epidemic and outbreak confirmation					
* These tests to be introduced.					

**Tests for lab L- II services**

Haematology		Biochemistry		Serology	
1	Haemoglobin	28	Blood Glucose	57	ASOT
2	WBC Count	29	Glucose Tolerance Test	58	RAF
3	Differential Count	30	Blood Urea	59	Widal
4	ESR	31	S.Creatinine	60	CRP
5	Haematocrit	32	S. Uric Acid	61	HBsAg Screening
6	RBC Indices	33	S. Cholesterol	62	HIV Screening
7	Platelet Count	34	HDL Cholesterol	63	HCV Screening
8	Absolute Eosinophil Count	35	S. Triglycerides	64	VDRL
9	Bleeding Time	36	S. Bilirubin	65	Dengue Ag test.*
10	Clotting Time	37	AST		
11	Direct Coombs Test	38	ALT	<b>Clinical Pathology</b>	
12	Indirect coombs Test	39	AlkalinePhosphatase	66	Urine Albumin
13	Blood smear morphology	40	LDH	67	Urine Sugar
14	Haemoparasites	41	GGT	68	Urine Microscopy
		42	Serum Proteins	69	Urine -Specific Gravity
		43	Serum Albumin	70	Urine Bile salts
		44	Serum Globulin	71	Urine Bile pigments
<b>Microbiology</b>		45	CK	72	Urobilinogen
15	Aural swab culture	46	CK-MB	73	Preganancy test
16	CSF culture	47	S. Na+	74	Urine and Serum beta HCG
17	HVS culture	48	S.K+	75	Stool - routine
18	Nasal swab culture	49	S.Cl-	76	Stool - reducing substances

19	Urine culture	50	S. Amylase	77	Stool - occult blood
20	Stool culture	51	S.Phosphorous	78	Work Permit Medical
21	Throat swab culture	52	HbA1C*	79	Food Handler's Medical
22	Gram staining for GC	53	Troponin T		
23	Antibiotic susceptibility test	<b>Blood Transfusion Services</b>			
24	CSF analysis	54	Blood Group		
25	CSF- bacterial antigen test	55	Rh Typing		
26	AFB Microscopy	56	Crossmatching		
27	Mantoux skin test				
Specimen collection and transport of clinical specimens to other centers for testing					
Dengue IgG -rapid test for epidemic and outbreak confirmation					
* These tests to be introduced.					

**Tests for lab L- III services**

<b>Haematology</b>		<b>Biochemistry</b>		<b>Serology</b>	
1	Haemoglobin	19	Blood Glucose	34	ASOT
2	WBC Count	20	Glucose Tolerance Test	35	RAF
3	Differential Count	21	Blood Urea	36	Widal
4	ESR	22	S.Creatinine	37	CRP
5	Haematocrit	23	S. Uric Acid	38	HBsAg Screening
6	Platelet Count	24	S. Cholesterol	39	HIV Screening
7	Absolute Eosinophil Count	25	HDL Cholesterol	40	HCV Screening
8	Bleeding Time	26	LDL Cholesterol	41	VDRL
9	Clotting Time	27	S. Bilirubin	42	Dengue Ag Test
10	Direct Coombs Test	28	AST		
11	Indirect coombs	29	ALT	<b>Clinical Pathology</b>	
12	Blood smear morphology	30	S. Na+	43	Urine Albumin
13	Haemoparasites	31	S. K+	44	Urine Sugar
		32	S. Amylase	45	Urine Microscopy
		33	Troponin - T	46	Urine -Specific Gravity
14	Blood Group			47	Urine Bile salts

15	Rh Typing			48	Urine Bile pigments
16	Crossmatching			49	Urobilinogen
				50	Pregnancy test
				51	Urine and Serum beta HCG
17	AFB Microscopy			52	Stool - routine
18	Mantoux skin test			53	Stool - reducing substances
Specimen collection and transport of clinical specimens to other centers for testing					
Voluntary Counseling and testing services for HIV					
Dengue IgG -rapid test for epidemic and outbreak confirmation					

**MINIMUM LABORATORY TESTS**

Test	Method
Urine Albumin	Uristix
Urine Sugar	
Blood Glucose	Glucometer
Haemoglobin	Haemacue or equivalent