

## Annexure B: Interventions for the management of diseases/health conditions at different levels of care

NATIONAL COMMISSION ON MACROECONOMICS AND HEALTH, NEW DELHI

S. No.	Activity	Community	Subcentre	PHC	CHC	District level
	<b>Maternal health</b>					
1	Creating awareness on danger signs during pregnancy and childbirth		✓			
2	Preparing for the birth of a child (birth preparedness)	✓				
3	Early identification of a complicated case during pregnancy/delivery	✓				
4	Referral of complicated case to an appropriate health facility	✓				
5	Arranging for transportation of patients with complications to an appropriate health facility	✓				
6	Accompanying the patient to an appropriate health facility	✓				
7	Admitting the patient for treatment			✓		
8	Administering drugs (oxytocics/anticonvulsants/antibiotics)			✓		
9	Donating blood	✓				
10	Arranging blood in case a voluntary donor is not available				✓	
11	Performing a caesarean section if required				✓	
12	Follow-up of a case at home		✓			
13	Promoting contraception, birth spacing and terminal methods	✓				
14	Organizing sterilization operation camps			✓		
15	Performing sterilization operations in camps and at CHCs				✓	
16	Early detection and registration of pregnancy (in the first trimester)	✓				
17	Providing regular ANC check-ups		✓			
18	Creating awareness on the availability of safe abortion services in the district	✓				
19	Providing safe abortion services			✓		
20	Preventing child marriage	✓				
21	Providing TT immunization to adolescents		✓			
22	Screening for anaemia in adolescents	✓				
23	Providing IFA supplements to adolescents	✓				
24	Checking the nutritional status of adolescents	✓				
25	Conducting safe deliveries at home	✓				
26	Promoting institutional deliveries	✓				
27	Providing training to TBAs for early identification of complications		✓			
28	Creating awareness about the symptoms of RTIs/STIs	✓				
29	Screening for RTIs/STIs		✓			
30	Providing treatment for RTIs/STIs			✓		

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S. No.	Activity	Community	Subcentre	PHC	CHC	District level
	<b>Child health</b>					
1	Providing basic newborn care		✓			
2	Noting down the birth weight		✓			
3	Home visits for newborn care		✓			
4	Helping the mother to initiate breastfeeding	✓				
5	Promoting exclusive breastfeeding for six months	✓				
6	Discouraging bottle feeding	✓				
7	Encouraging mothers to feed colostrum to the newborn and not discard it	✓				
8	Early identification and initial management of neonates with asphyxia		✓			
9	Management of neonates with birth asphyxia				✓	
10	Early identification of cases of neonatal sepsis		✓			
11	Management of cases of neonatal sepsis				✓	
12	Giving immunization to children		✓			
13	Monitoring the growth of children by recording the weight periodically	✓				
14	Promoting personal hygiene—washing hands before feeding and after toilet	✓				
15	Recognition of signs and symptoms of dehydration	✓				
16	Promoting increased fluid intake/ORS in case of dehydration	✓				
17	Hospitalization and administration of IV fluids for severe dehydration			✓		
18	Recognition of signs and symptoms of pneumonia	✓				
19	Home management of ARI	✓				
20	Management of cases with pneumonia		✓			
21	Management of cases of severe pneumonia			✓		
22	Home-based management of children with malnutrition	✓				
23	Hospitalization for management of children with malnutrition				✓	
	<b>Blindness</b>					
1	Creating awareness (about symptoms and treatment)	✓				
2	Identification of suspect cases of cataract	✓				
3	Referral of suspect cases of cataract to a health facility	✓				
4	Screening for cataract and refractive errors by PMOA			✓		
5	Operation for cataract				✓	
6	Follow-up of operated cases of cataract		✓			
7	Routine screening for refractive errors in schoolgoing children		✓			
8	Referral of a child with refractive errors to the PHC		✓			
9	Creating awareness on the need for eye care	✓				
10	Establishing eye banks and making them operational					✓
11	Promoting eye donation in the community	✓				
	<b>HIV infection/AIDS</b>					
1	Creating awareness (about symptoms, spread, prevention, treatment)	✓				
2	Identification of persons with high-risk behaviour	✓				
3	Promoting the use of condoms/safer sex by people in the reproductive age group	✓				
4	Supply of condoms to sexually active people	✓				
5	Promotion of voluntary blood donation	✓				
6	Counselling of persons with HIV infection/AIDS		✓			
7	Testing for HIV infection in a person with high-risk behaviour				✓	

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S. No.	Activity	Community	Subcentre	PHC	CHC	District level
8	Screening for RTIs/STIs		✓			
9	Clinical diagnosis of RTIs/STIs		✓			
10	Laboratory diagnosis of RTIs/STIs					
11	Treatment of a patient with RTI/STI		✓			
12	Screening of donated blood for the presence of HIV infection					✓
13	Clinical diagnosis of AIDS					✓
14	Supply of drugs for the treatment of AIDS				✓	
15	Supervising the administration of drugs to a patient with HIV infection/AIDS	✓				
16	Targetted supervision	✓				
17	School AIDS programme		✓			
18	Care and support	✓				
	<b>Tuberculosis</b>					
1	Creating awareness (about symptoms, spread, treatment, BCG vaccination)	✓				
2	Identification of suspected cases of TB	✓				
3	Referral of suspected cases of TB to a health facility	✓				
4	Clinical diagnosis of TB			✓		
5	Taking a sputum sample of a suspected case			✓		
6	Laboratory diagnosis of TB and follow-up visits			✓		
7	Supply of drugs to a patient with TB			✓		
8	Supervising the intake of drugs	✓				
9	Follow-up for complete treatment of a patient with TB		✓			
10	Follow-up of contacts of sputum-positive cases of TB		✓			
11	Providing BCG vaccination		✓			
12	Community mobilization to remove the stigma associated with TB	✓				
13	Treating complicated cases of TB					✓
	<b>Leprosy</b>					
1	Health education	✓				
2	Early identification and referral of a suspected case of leprosy	✓				
3	Clinical diagnosis of a case of leprosy			✓		
4	Starting of treatment			✓		
5	Follow-up of treatment		✓			
6	Management of complications			✓		
7	Prevention and care of deformity			✓		
8	Purchase of MCR footwear					✓
9	Rehabilitation					✓
	<b>Malaria and other vector-borne diseases</b>					
1	Health education	✓				
2	Identification of suspected cases of malaria (any case of fever)	✓				
3	Taking the body temperature of a suspected case of malaria	✓				
4	Transporting patients with suspected malaria to a health facility	✓				
5	Clinical diagnosis of malaria		✓			
6	Preparing a blood slide of a suspected case	✓				
7	Laboratory diagnosis of malaria—blood slide examination			✓		
8	Supply of drugs to a patient with malaria	✓				

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S. No.	Activity	Community	Subcentre	PHC	CHC	District level
9	Follow-up of complete (radical) treatment of a patient with malaria		✓			
10	Treating patients with complicated malaria				✓	
11	Preventing accumulation of water in open places	✓				
12	Weekly draining out of water from coolers and cleaning them	✓				
13	Keeping overhead tanks covered with lids	✓				
14	Using bednets at night (optional)	✓				
15	Using mosquito repellants	✓	✓			
16	Taking precautions against mosquito bites while going to a jungle	✓				
17	Developing hatcheries for larvivorous fish	✓				
18	Spraying insecticides	✓				
19	Pouring mineral oil over small collections of water in the neighbourhood	✓				
20	Entomological surveillance for malaria and vector-borne diseases	✓				✓
	<b>Cancers</b>					
1	Health education		✓			
2	Motivation for cancer screening		✓			
3	Collection of Pap smear		✓			
4	Inspection of the cervix		✓			
5	Teaching self-inspection of the oral cavity and breast		✓			
6	FNAC and Pap smear					✓
7	Cerviscopy					✓
8	Staining of cytology smears					✓
9	Biopsy			✓		
10	Cancer-related physical examination			✓		
11	Management of pre-cancers			✓		
12	Management of early cancers					✓
13	Colposcopy					✓
	<b>Mental health</b>					
1	Early detection of problem/screening	✓				
2	Early detection of psychiatric emergencies			✓		
3	Providing psychiatric first aid			✓		
4	Referral			✓		
5	Diagnosis of cases				✓	
6	Short-term medical management				✓	
7	Long-term medical management					✓
8	Health promotion and behaviour modification					✓
9	Rehabilitation					
	a Community resource centre				✓	
	b Residential facility					✓
10	Training					
	a Health personnel					✓
	b Patient and family members			✓		
	c Community volunteers		✓			
11	Liaison with patients	✓				
12	Ensuring continuity of care		✓			

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S. No.	Activity	Community	Subcentre	PHC	CHC	District level
	<b>COPD and asthma</b>					
1	Health education	✓				
2	Early identification of symptomatics	✓				
3	Peak flow gauge measurement		✓			
4	Spirometry for assessing lung function					✓
5	Medical management as outpatient			✓		
6	Medical management of inpatients				✓	
	<b>Dental health</b>					
1	Dental check-up			✓		
2	Atraumatic restorative treatment (ART)			✓		
3	Silver filling				✓	
4	Aesthetic fillings					✓
5	Indirect restorations	To be done at tertiary level hospitals				
6	Root canal treatment					✓
7	Scaling and polishing of teeth				✓	
8	Surgical procedures (gingivectomy, flap operation, mucogingival surgeries, endodontic surgeries)			✓		
9	Orthodontics—removable					✓
10	Orthodontics—fixed appliances	To be done at tertiary level hospitals				
11	Complete dentures				✓	
12	Partial dentures (removable)				✓	
13	Partial dentures (fixed)	To be done at tertiary level hospitals				
14	Biopsy				✓	
15	Surgical extraction (impaction)					✓
16	Fracture reduction/cyst enucleation/benign growth excision					✓
	<b>Diabetes</b>					
1	Health education	✓				
2	Screening		✓			
3	Getting blood sugar test done			✓		
4	Starting treatment			✓		
5	Management on insulin				✓	
6	Screening and treatment of complications				✓	
7	Follow-up for compliance		✓			
8	Management of retinopathy, nephropathy and other complications					✓
	<b>Hypertensive stroke</b>					
1	Screening	✓				
2	Starting treatment			✓		
3	Management of difficult cases					✓
4	Health education	✓				
5	Follow-up for compliance		✓			
6	Rehabilitation			✓		

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S. No.	Activity	Community	Subcentre	PHC	CHC	District level
	<b>Cardiovascular diseases</b>					
1	Health education	✓				
2	Screening			✓		
3	Starting treatment			✓		
4	Management of difficult cases of hypertension				✓	
5	Management of other difficult cases					✓
6	Follow-up for compliance		✓			
7	Management of acute myocardial infarction	To be done at tertiary level hospitals				
	<b>Oto–rhino–laryngological diseases (ENT)</b>					
1	Ear health education	✓				
2	Early detection of otitis media		✓			
3	Medical management of ENT diseases			✓		
4	Surgical management of ENT diseases					✓
	<b>Injuries</b>					
1	Assess consciousness, look for respiratory distress and call for help	✓				
2	Assessment of the airway and manual manoeuvre	✓				
3	Use of suction			✓		
4	Endotracheal intubation				✓	
5	Cricothyroidotomy and surgical intervention					✓
6	Application of external pressure and elevation of the affected part	✓				
7	Assessment of shock and medical management of injury			✓		
8	Providing first aid	✓				
9	Stabilization and immobilization of simple fractures	✓				
10	Stabilization and immobilization of advanced fractures			✓		
11	Referral			✓		
12	Orthopaedic and neurosurgical management					✓
13	Social rehabilitation	✓				
14	Medical rehabilitation					✓
15	Admission of cases of attempted suicide				✓	
16	After care for suicide attempters					✓
17	Flushing animal-bite wound with running water	✓				
18	Controlling bleeding with occlusive dressing		✓			
19	Immobilizing the limb below the level of the heart in the neutral position		✓			
20	Scraping the skin surface			✓		
21	Identification of the type of snake-bite and wound management			✓		
22	Prevention and control of anaphylactic reactions to antivenom				✓	
23	Post-exposure treatment in dog-bite with vaccine and administration of immunoglobulin			✓		

PHC: primary health centre; CHC: community health centre; TT: tetanus toxoid; IFA: iron–folic acid; ANC: antenatal care; TBA: traditional birth attendant; RTI: reproductive tract infection; STI: sexually transmitted infection; ORS: oral rehydration salt; IV: intravenous; ARI: acute respiratory infection; PMOA: paramedical ophthalmic assistant; BCG: bacille Calmette–Guérin; TB: tuberculosis; MCR: microcellular rubber; FNAC: fine-needle aspiration cytology; Pap: Papanicolaou; COPD: chronic obstructive pulmonary disease