

Supplement 1: Frequency distribution of all study variables

Characteristic	n (%)
Age in years (N = 993)	
Mean (SD) = 36.3 (23.2), Median = 37.0	
Children (< 18 years)	264 (26.6)
Adults (18-59 years)	535 (53.9)
Elderly (\geq 60 years)	194 (19.5)
Sex (N = 993)	
Male	412 (41.5)
Female	581 (58.5)
Level of health facility (N = 993)	
Dispensary	102 (10.3)
Health Centre/Stand-alone clinic by Assistant Dental Officer	119 (12.0)
District Hospital/Clinic Level1 by Medical/Dental Officer	101 (10.2)
Regional Hospital/Clinic Level 2 by specialist)	123 (12.4)
Referral/National/Zonal Hospital/Clinic Level 3 by super specialist	548 (55.2)
Ownership of health facility (N = 993)	
Public	468 (47.1)
Private/Nongovernmental	525 (52.9)
Department visited (N = 993)	
Outpatient	975 (98.2)
Inpatient	18 (1.8)
Diagnosis code (N = 993)	
Other disorders of urinary system	102 (10.3)
Essential (primary) hypertension	81 (8.2)
Acute and URTI of multiple and unspecified sites	65 (6.5)
Type 2 diabetes mellitus	51 (5.1)
Spondylosis	42 (4.2)
Hypertensive Heart Disease	42 (4.2)
Gastritis and duodenitis	39 (3.9)
Disorders of lipoprotein metabolism and other lipidemias	36 (3.6)
Pain, not elsewhere classified	33 (3.3)
Iron deficiency anaemia	31 (3.1)
Dermatophytosis	31 (3.1)
Vasomotor and allergic rhinitis	27 (2.7)
Atopic dermatitis	27 (2.7)
Other sepsis	25 (2.5)

Key; RefH, Referral Hospital, L1C, Level 1 Clinic; L2C, Level 2 Clinic

Supplement 1: Frequency distribution of all study variables (continued)	
Characteristic (N = 993)	n (%)
Iron deficiency anaemia	31 (3.1)
Dermatophytosis	31 (3.1)
Vasomotor and allergic rhinitis	27 (2.7)
Atopic dermatitis	27 (2.7)
Other sepsis	25 (2.5)
Acute nasopharyngitis (common cold)	24 (2.4)
Acute tonsillitis	24 (2.4)
Asthma	23 (2.3)
Malaria, unspecified	23 (2.3)
PUD, site unspecified	22 (2.2)
Chronic kidney disease	18 (1.8)
Complications of analgesics, antipyretics and anti-inflammatory drugs	18 (1.8)
Plasmodium falciparum	16 (1.6)
Conjunctivitis	16 (1.6)
Diseases of pulp and periapical tissues	17 (1.7)
Cough	16 (1.6)
Hookworm disease	14 (1.4)
Candidiasis	14 (1.4)
Other vitamin deficiency	14 (1.4)
Chronic diseases of tonsils and adenoids	14 (1.4)
Other joint disorders, not elsewhere classified	14 (1.4)
Gonarthrosis (arthrosis of knee)	13 (1.3)
Supervision of normal pregnancy	13 (1.3)
Dental caries	13 (1.3)
Bacterial infection of unspecified site	11 (1.1)
Deficiency of other nutrient elements	11 (1.1)
Pneumonia, unspecified organism	11 (1.1)
Other deforming dorsopathies	11 (1.1)
Epilepsy	10 (1.0)
Cystitis	10 (1.0)
Chronic viral hepatitis	10 (1.0)
Acute bronchitis	10 (1.0)
Hyperplasia of prostate	10 (1.0)
Deficiency of other B group vitamins	9 (0.9)

Supplement 1: Frequency distribution of all study variables (Continued)	
Characteristic (N = 993)	n (%)
Disorders of refraction and accommodation	9 (0.9)
Other arthritis	8 (0.8)
Headache	9 (0.9)
Ascariasis	8 (0.8)
Other disorders of fluid, electrolyte and acid-base balance	8 (0.8)
Gingivitis and periodontal diseases	8 (0.8)
Gastro-oesophageal reflux disease	8 (0.8)
Gout	8 (0.8)
Other female pelvic inflammatory diseases	8 (0.8)
Other disorders of bladder	7 (0.7)
Amoebiasis	7 (0.7)
Other gastroenteritis and colitis of infectious and unspecified origin	7 (0.7)
Other anemias	7 (0.7)
Other hypothyroidism	7 (0.7)
Cardiomyopathy	7 (0.7)
Other functional intestinal disorders	7 (0.7)
Allergic contact dermatitis	7 (0.7)
Dorsalgia	6 (0.6)
Nerve root and plexus compressions in diseases classified elsewhere	6 (0.6)
Malaise and fatigue	6 (0.6)
Other helminthiasis	6 (0.6)
Other superficial mycoses	6 (0.6)
Type 1 diabetes mellitus	6 (0.6)
Other polyneuropathies	6 (0.6)
Heart failure	6 (0.6)
Acute pharyngitis	6 (0.6)
Bacterial pneumonia, not elsewhere classified	6 (0.6)
Unspecified acute lower respiratory infection	6 (0.6)
Other diseases of upper respiratory tract	6 (0.6)
Cellulitis	6 (0.6)
Other disorders of external ear	6 (0.6)
Unspecified intestinal parasitism	5 (0.5)
Malignant neoplasm of the breast	5 (0.5)
Leiomyoma of the uterus	5 (0.5)
Inflammatory polyneuropathy	5 (0.5)

Supplement 1: Frequency distribution of all study variables (continued)

Characteristic (N = 993)	n (%)
Glaucoma	5 (0.5)
Secondary hypertension	5 (0.5)
Other diseases of hard tissues of teeth	5 (0.5)
Irritable bowel syndrome	5 (0.5)
Arthrosis of first carpometacarpal joint	5 (0.5)
Other disorders of muscle	5 (0.5)
Excessive vomiting in pregnancy	5 (0.5)
Nausea and vomiting	5 (0.5)
Infections of genitourinary tract in pregnancy	4 (0.4)
Varicella (chickenpox)	4 (0.4)
Malignant neoplasm of the prostate	4 (0.4)
Sickle cell disorders	4 (0.4)
Coagulation defect, unspecified	4 (0.4)
Cervical disc disorders	4 (0.4)
Other retinal disorders	4 (0.4)
Otitis externa	4 (0.4)
Disorders of vestibular function	4 (0.4)
Chronic ischemic heart disease	4 (0.4)
Chronic rhinitis, nasopharyngitis and pharyngitis	4 (0.4)
Dental facial anomalies (including malocclusion)	4 (0.4)
Cutaneous abscess, furuncle and carbuncle	4 (0.4)
Other soft tissues disorders, not elsewhere classified	4 (0.4)
Single delivery by caesarean section	4 (0.4)
Congenital malformation of cardiac septa	4 (0.4)
Abdominal and pelvic pain	4 (0.4)
Open wound of the forearm	4 (0.4)
Fever of other and unknown origin	4 (0.4)
Fracture of lower leg, including ankle	4 (0.4)
Dislocation, sprain and strain of joints and ligaments of knee	4 (0.4)
Other intervertebral disc disorders	3 (0.3)
Coxarthrosis (arthrosis of hip)	3 (0.3)
Polyarthrosis	3 (0.3)
Acne	3 (0.3)
Urticaria	3 (0.3)
Other parasitologically confirmed malaria	3 (0.3)

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Characteristic (N = 993)	n (%)
Trichomoniasis	3 (0.3)
Other bacterial Intestinal Infections	3 (0.3)
Herpes Simplex Infection	3 (0.3)
HIV disease resulting in infectious and parasitic diseases	3 (0.3)
Malignant neoplasm of colon	3 (0.3)
Malignant neoplasm of cervix uteri	3 (0.3)
Haemangioma and lymphangioma, any site	3 (0.3)
Thyrotoxicosis	3 (0.3)
Vitamin D deficiency	3 (0.3)
Disorders of mineral metabolism	3 (0.3)
Hereditary and idiopathic neuropathy	3 (0.3)
Senile cataract	3 (0.3)
Duodenal ulcer	3 (0.3)
Impetigo	3 (0.3)
Other dermatitis	3 (0.3)
Internal derangement of knee	3 (0.3)
Osteomyelitis	3 (0.3)
Acute renal failure	3 (0.3)
Other general symptoms and signs	3 (0.3)
Other abnormal findings of blood chemistry	3 (0.3)
Presence of prosthetic heart valve	3 (0.3)
Fracture of femur	2 (0.2)
Other dorsopathies, not elsewhere classified	2 (0.2)
Other spondylopathies	2 (0.2)
Psoriasis	2 (0.2)
Seborrheic dermatitis	2 (0.2)
Diphyllobothriasis and sparganosis	2 (0.2)
Scabies	2 (0.2)
Streptococcal sepsis	2 (0.2)
Miliary tuberculosis	2 (0.2)
Typhoid and paratyphoid fevers	2 (0.2)
Unspecified HIV disease	2 (0.2)
Viral infection of unspecified site	2 (0.2)
Myiasis	2 (0.2)

Supplement 1: Frequency distribution of all study variables (continued)

Characteristic (N = 993)	n (%)
Streptococcus and staphylococcus as the cause of diseases classified elsewhere	2 (0.2)
Other specified infectious agents as the cause of diseases classified elsewhere	2 (0.2)
Malignant neoplasm of esophagus	2 (0.2)
Malignant neoplasm of penis	2 (0.2)
Malignant neoplasm of thyroid gland	2 (0.2)
Benign lipomatous neoplasm	2 (0.2)
Benign neoplasm of thyroid gland	2 (0.2)
Vitamin B12 deficiency anemia	2 (0.2)
Other nutritional anemias	2 (0.2)
Purpura and other haemorrhagic conditions	2 (0.2)
Other disorders of white blood cells	2 (0.2)
Other specified diabetes mellitus	2 (0.2)
Unspecified diabetes mellitus	2 (0.2)
Hyperprolactinemia	2 (0.2)
Disorders of purine and pyrimidine metabolism	2 (0.2)
Schizophrenia	2 (0.2)
Migraine	2 (0.2)
Other headache syndromes	2 (0.2)
Disorders of autonomic nervous system	2 (0.2)
Other inflammation of the eyelid	2 (0.2)
Other disorders of conjunctiva	2 (0.2)
Nonsuppurative otitis media	2 (0.2)
Suppurative and unspecified otitis media	2 (0.2)
Other rheumatic heart disease	2 (0.2)
Pulmonary embolism	2 (0.2)
Acute and subacute infective endocarditis	2 (0.2)
Cerebral infarction	2 (0.2)
Stroke, not specified as hemorrhage or infarction	2 (0.2)
Other venous embolism and thrombosis	2 (0.2)
Hemorrhoids	2 (0.2)
Hypotension	2 (0.2)
Acute sinusitis	2 (0.2)
Pneumonia due to <i>H. influenza</i>	2 (0.2)
Acute bronchiolitis	2 (0.2)

Supplement 1: Frequency distribution of all study variables (continued)	
Characteristic (N = 993)	n (%)
Chronic sinusitis	2 (0.2)
Nasal polyp	2 (0.2)
Respiratory disorders in diseases classified elsewhere	2 (0.2)
Gastric ulcer	2 (0.2)
Inguinal hernia	2 (0.2)
Umbilical hernia	2 (0.2)
Other diseases of the liver	2 (0.2)
Pruritus	2 (0.2)
Nephrotic syndrome	2 (0.2)
Calculus of kidney and ureter	2 (0.2)
Other disorders of kidney and ureter in diseases classified elsewhere	2 (0.2)
Urethral stricture	2 (0.2)
Excessive, frequent and irregular menstruation	2 (0.2)
Abnormal uterine and vaginal bleeding, unspecified	2 (0.2)
Female infertility	2 (0.2)
Threatened abortion	2 (0.2)
Perineal laceration during delivery	2 (0.2)
Single spontaneous delivery	2 (0.2)
Anaemia complicating pregnancy, childbirth and the puerperium	2 (0.2)
Congenital malformation of the great arteries	2 (0.2)
Abnormalities of heart beat	2 (0.2)
Other symptoms and signs involving the digestive system and abdomen	2 (0.2)
Abnormal involuntary movements	2 (0.2)
Dislocation, sprain and strain of joints and ligaments of lumbar spine and pelvis	2 (0.2)
Fracture of shoulder and upper arm	2 (0.2)
Fracture of lower end of radius	2 (0.2)
Dislocation of wrist	2 (0.2)
Open wound of lower leg	2 (0.2)
Poisoning by local antifungal, anti-infective and anti-inflammatory drugs, not elsewhere classified	2 (0.2)
Allergy, unspecified	2 (0.2)
Supervision of high-risk pregnancy, unspecified	2 (0.2)
Health supervision and care of other healthy infant and child	2 (0.2)
Spastic quadriplegic cerebral palsy	1 (0.1)
Dengue fever (classical dengue)	1 (0.1)

Supplement 1: Frequency distribution of all study variables (continued)

Characteristic (N = 993)	n (%)
Open wound of abdomen, lower back and pelvis	1 (0.1)
Sensorineural hearing loss, bilateral	1 (0.1)
Antenatal screening	1 (0.1)
Pregnancy confirmed	1 (0.1)
Contact with and exposure to communicable diseases	1 (0.1)
Routine general health check-up of defined subpopulation	1 (0.1)
Other medical procedures as the cause of abnormal reaction of the patient, or of later complication, without mention of misadventure at the time of the procedure	1 (0.1)
Hanging, strangulation and suffocation, undetermined intent	1 (0.1)
Intentional self-harm by jumping from a high place	1 (0.1)
Exposure to discharge of firework	1 (0.1)
Poisoning by antihyperlipidaemic and antiarteriosclerotic drugs	1 (0.1)
Poisoning by hormones and their synthetic substitutes and antagonists, not elsewhere classified	1 (0.1)
Poisoning by antiviral drug	1 (0.1)
Poisoning by antifungals and antibiotics, systemically used	1 (0.1)
Corrosions classified according to extent of body surface involved	1 (0.1)
Burns classified according to extent of body surface involved	1 (0.1)
Burn of first degree of wrist and hand	1 (0.1)
Injury of unspecified muscle and tendon of lower limb, level unspecified	1 (0.1)
Fracture of other toe	1 (0.1)
Open wound of other parts of foot	1 (0.1)
Superficial injury of hip and thigh, unspecified	1 (0.1)
Other and unspecified injuries of wrist and hand	1 (0.1)
Sprain and strain of wrist	1 (0.1)
Superficial injury of wrist and hand	1 (0.1)
Injury of muscle(s) and tendon(s) of the rotator cuff	1 (0.1)
Superficial injury of shoulder and upper arm	1 (0.1)
Fracture of lumbar spine and pelvis	1 (0.1)
Intracranial injury	1 (0.1)
Fracture of skull and facial bones	1 (0.1)
Open wound of the head	1 (0.1)
Intracranial space-occupying lesion	1 (0.1)
Symptoms and signs concerning fluid intake	1 (0.1)
Dizziness and giddiness	1 (0.1)

Supplement 1: Frequency distribution of all study variables (continued)

Characteristic (N = 993)	n (%)
Unspecified urinary incontinence	1 (0.1)
Painful micturition, unspecified	1 (0.1)
Abnormalities of gait and mobility	1 (0.1)
Rash and other nonspecific skin eruption	1 (0.1)
Other specified symptoms and signs involving the circulatory and respiratory systems	1 (0.1)
Hemorrhage from respiratory passages	1 (0.1)
Gangrene, not elsewhere classified	1 (0.1)
Congenital posterior urethral valves	1 (0.1)
Polycystic kidney, unspecified	1 (0.1)
Congenital pulmonary valve stenosis	1 (0.1)
Congenital hydrocephalus	1 (0.1)
Hypoxic ischemic encephalopathy of newborn	1 (0.1)
Maternal care for breech presentation	1 (0.1)
Other specified pregnancy-related conditions	1 (0.1)
Pre-eclampsia	1 (0.1)
Pre-existing hypertension, complicating pregnancy, childbirth and the puerperium	1 (0.1)
Blighted ovum and nonhydatiform mole	1 (0.1)
Habitual aborter	1 (0.1)
Complete or unspecified abortion without complication	1 (0.1)
Secondary dysmenorrhea	1 (0.1)
Other inflammatory disorders of vagina	1 (0.1)
Endometriosis	1 (0.1)
Female pelvic inflammatory disorders in diseases classified elsewhere	1 (0.1)
Inflammatory disorders of the breast	1 (0.1)
Impotence of organic origin	1 (0.1)
Redundant prepuce, phimosis and paraphimosis	1 (0.1)
Orchitis and epididymitis	1 (0.1)
Hydrocele and spermatocele	1 (0.1)
Inflammatory diseases of the prostate	1 (0.1)
Urethral disorders in diseases classified elsewhere	1 (0.1)
Urethral caruncle	1 (0.1)
Urethritis and urethral syndrome	1 (0.1)
Unspecified renal colic	1 (0.1)
Unspecified kidney failure	1 (0.1)

Supplement 1: Frequency distribution of all study variables (continued)

Characteristic (N =993)	n (%)
Obstructive and reflux uropathy	1 (0.1)
Hydronephrosis with ureteral stricture, not elsewhere classified	1 (0.1)
Chronic nephritic syndrome	1 (0.1)
Periprosthetic fracture around internal prosthetic joint	1 (0.1)
Other disorders of bone density and structure	1 (0.1)
Short Achilles tendon (acquired)	1 (0.1)
Spontaneous rupture of synovium and tendon	1 (0.1)
Discitis, unspecified	1 (0.1)
Other acquired deformities of limbs	1 (0.1)
Acquired deformities of fingers and toes	1 (0.1)
Arthrosis, unspecified	1 (0.1)
Other specific arthropathies	1 (0.1)
Seropositive rheumatoid arthritis	1 (0.1)
Ulcer of lower limb, not elsewhere classified	1 (0.1)
Lichen planus	1 (0.1)
Unspecified contact dermatitis due to other chemical products	1 (0.1)
Other local infection of skin and subcutaneous tissue	1 (0.1)
Pilonidal cyst without abscess	1 (0.1)
Cholelithiasis	1 (0.1)
Alcoholic hepatic failure	1 (0.1)
Malignant neoplasm of rectum	1 (0.1)
Malignant neoplasm of stomach	1 (0.1)
Malignant neoplasm of liver and intrahepatic bile ducts	1 (0.1)
Malignant neoplasm of other and ill-defined sites in the respiratory system and intrathoracic organs	1 (0.1)
HIV disease resulting in other specified diseases	1 (0.1)
Foodborne staphylococcal intoxication	1 (0.1)
Rotaviral enteritis	1 (0.1)
Other and unspecified syphilis	1 (0.1)
Chlamydial infection of lower genitourinary tract	1 (0.1)
Anogenital herpesviral infection, unspecified	1 (0.1)
Anogenital (venereal) warts	1 (0.1)
Unspecified sexually transmitted disease	1 (0.1)
Enteroviral exanthematous fever	1 (0.1)
Other mosquito-borne viral fevers	1 (0.1)

Supplement 1: Frequency distribution of all study variables (continued)

Characteristic (N = 993)	n (%)
Measles without complications	1 (0.1)
Other viral infections characterized by skin and mucous membrane lesions, not elsewhere classified	1 (0.1)
Unspecified viral hepatitis without hepatic coma	1 (0.1)
Subcutaneous phaeomycotic abscess and cyst	1 (0.1)
Other cestode infections	1 (0.1)
Onchocerciasis	1 (0.1)
Strongyloidiasis	1 (0.1)
Trichiuriasis	1 (0.1)
Enterobiasis	1 (0.1)
Sequelae of tuberculosis	1 (0.1)
Malignant neoplasm of the palate	1 (0.1)
Malignant neoplasm of the tonsil, unspecified	1 (0.1)
Malignant neoplasm of piriform sinus	1 (0.1)
Malignant neoplasm of hypopharynx, unspecified	1 (0.1)
Malignant neoplasm of the bone and articular cartilage, unspecified	1 (0.1)
Kaposi sarcoma	1 (0.1)
Malignant neoplasm of peripheral nerves of lower limb, including hip	1 (0.1)
Malignant neoplasm of ovary	1 (0.1)
Malignant neoplasm of the testis	1 (0.1)
Malignant neoplasm of the kidney, except renal pelvis	1 (0.1)
Malignant (primary) neoplasm, unspecified	1 (0.1)
Hodgkin lymphoma	1 (0.1)
Non-follicular lymphoma	1 (0.1)
Mediastinal (thymic) large B-cell lymphoma	1 (0.1)
Other specified types T/NK-cell lymphoma	1 (0.1)
Chronic lymphocytic leukemia of B-cell type	1 (0.1)
Benign neoplasm of mouth and pharynx	1 (0.1)
Benign neoplasm of parotid gland	1 (0.1)
Other benign neoplasms of connective and other soft tissue	1 (0.1)
Benign neoplasm of the breast	1 (0.1)
Benign neoplasm of the prostate	1 (0.1)
Benign neoplasm of the brain and other parts of the central nervous system	1 (0.1)
Benign neoplasm of other and unspecified endocrine glands	1 (0.1)
Folate deficiency anemia	1 (0.1)

Supplement 1: Frequency distribution of all study variables (continued)

Characteristic (N = 993)	n (%)
Iodine-deficiency-related (endemic) goiter, unspecified	1 (0.1)
Polycystic ovarian syndrome	1 (0.1)
Vitamin A deficiency, unspecified	1 (0.1)
Niacin deficiency (pellagra)	1 (0.1)
Ascorbic acid deficiency	1 (0.1)
Dietary calcium deficiency	1 (0.1)
Lipid storage disorder, unspecified	1 (0.1)
Mental and behavioral disorders due to use of alcohol	1 (0.1)
Schizotypal disorder	1 (0.1)
Mild depressive episode	1 (0.1)
Recurrent depressive disorder	1 (0.1)
Unspecified mental retardation	1 (0.1)
Secondary parkinsonism, unspecified	1 (0.1)
Essential tremor	1 (0.1)
Other demyelinating diseases of central nervous system	1 (0.1)
Nerve root and plexus disorder, unspecified	1 (0.1)
Diabetic polyneuropathy	1 (0.1)
Other specified disorders of brain in diseases classified elsewhere	1 (0.1)
Other disorders of nervous system in diseases classified elsewhere	1 (0.1)
Disorders of lacrimal system	1 (0.1)
Disorders of orbit	1 (0.1)
Chorioretinal inflammation	1 (0.1)
Diabetic retinopathy	1 (0.1)
Disorders of globe	1 (0.1)
Optic atrophy	1 (0.1)
Otitis externa in mycoses	1 (0.1)
Hearing loss, unspecified	1 (0.1)
Hypertensive heart and renal disease	1 (0.1)
Angina pectoris	1 (0.1)
Other nonrheumatic mitral valve disorders	1 (0.1)
Endocarditis, valve unspecified	1 (0.1)
Other conduction disorders	1 (0.1)
Other cardiac arrhythmias	1 (0.1)
Other cerebrovascular diseases	1 (0.1)
Abdominal aortic aneurysm, ruptured	1 (0.1)

Supplement 1: Frequency distribution of all study variables (continued)

Characteristic (N = 993)	n (%)
Phlebitis and thrombophlebitis of femoral vein	1 (0.1)
Post procedural disorders of circulatory system, not elsewhere classified	1 (0.1)
Influenza due to identified seasonal influenza virus	1 (0.1)
Influenza, virus not identified	1 (0.1)
Pneumonia due to other specified infectious organisms	1 (0.1)
Peritonsillar abscess	1 (0.1)
Unspecified chronic bronchitis	1 (0.1)
Status asthmaticus	1 (0.1)
Hypersensitivity pneumonitis due to organic dust	1 (0.1)
Pneumonitis due to solids and liquids	1 (0.1)
Adult respiratory distress syndrome	1 (0.1)
Other disorders of tooth development	1 (0.1)
Impacted teeth	1 (0.1)
Disorders of teeth and supporting structures, unspecified	1 (0.1)
Other cysts of jaw	1 (0.1)
Other diseases of jaws	1 (0.1)
Other diseases of lip and oral mucosa	1 (0.1)
Esophagitis	1 (0.1)
Functional dyspepsia	1 (0.1)
Acute appendicitis	1 (0.1)
Incisional hernia without obstruction or gangrene	1 (0.1)
Other abdominal hernia	1 (0.1)
Ulcerative (chronic) pancolitis	1 (0.1)
Other specified noninfective gastroenteritis and colitis	1 (0.1)
Anal fissure, unspecified	1 (0.1)
Anorectal fistula	1 (0.1)
Chronic hepatitis, not elsewhere classified	1 (0.1)
Any Procedure/Surgery done (N = 993)	
No	940 (94.7)
Yes	53 (5.3)
Type of Procedure/Surgery (N = 53)	
Minor	25 (47.2)
Major	7 (13.2)
Specialized	21 (39.6)

Supplement 1: Frequency distribution of all study variables (continued)	
Characteristic	n (%)
Length of stay in days (n = 17)	
Mean (SD) = 6.1 (5.7), Median = 3	
1	3 (17.6)
2	4 (23.5)
3	2 (11.8)
5	1 (5.9)
6	1 (5.9)
7	1 (5.9)
8	1 (5.9)
14	2 (11.8)
15	1 (5.9)
18	1 (5.9)
Prescriber Qualification (N = 993)	
Clinical Officer/Dental Therapist	132 (13.3)
Assistant Medical/Dental Officer	18 (1.8)
Medical/Dental Officer	320 (32.2)
Specialist	437 (44.0)
Super-specialist/Consultant	86 (8.7)
Prescriber Qualification Grouped (N = 993)	
Low level (Clinical Officers or Assistant Medical/Dental Officers)	150 (15.1)
Mid-level (Doctor of Medicine/Doctor of Dental Surgery)	320 (32.2)
High level (Specialists/Consultants)	523 (52.7)
Any Medication Prescribed (N = 993)	
No	223 (22.5)
Yes	770 (77.5)
Number of Medications in the prescription (N = 770)	
Mean (SD) = 3.0 (1.7), Median = 3.0	
1	117 (15.2)
2	209 (27.1)
3	212 (27.5)
4	118 (15.3)
5	55 (7.1)
6	39 (5.1)
7	11 (1.4)
8	6 (0.8)
10	2 (0.3)

Supplement 1: Frequency distribution of all study variables (continued)	
Characteristic (N = 770)	n (%)
13	1 (0.1)
Polypharmacy of > 3 Medications	
No	538 (69.9)
Yes	232 (30.1)
Polypharmacy of \geq 5 Medications	
No	657 (85.3)
Yes	113 (14.7)
Receipt of an antibiotic prescription (N = 770)	
No	413 (53.6)
Yes	357 (46.4)
Receipt of more than one antibiotic prescription (N = 357)	
No	286 (80.1)
Yes	70 (19.6)
Antibiotics prescribed according to TZ STG2017 recommendation with respect to HFL (N = 357)	
No	28 (7.8)
Yes	329 (92.2)