***Appendix 1- cause of referrals***

|  |  |
| --- | --- |
| Type of Referrals (%) | Number of referrals (%) |
| ***Ophthalmic Diseases (23.7)*** | ***5485*** |
| 1. Retinal detachments and defects
 | **139 (0.6)** |
| 1. Glaucoma
 | **185 (0.8)** |
| 1. Cataract
 | **2569 (11.1)** |
| 1. Disorder of refraction and accommodation
 | **2152 (9.3)** |
| 1. Keratitis
 | **93 (0.4)** |
| 1. Corneal Opacity and other disorder of cornea
 | **69 (0.3)** |
| 1. Disorders of optic nerve and visual pathways
 | **254 (1.1)** |
| 1. Strabismus and other disorders of binuclear eye movements
 | **24 (0.1)** |
| ***Neoplasms (13.3)*** | ***3084*** |
| 1. Malignant neoplasm of lip, oral cavity, and pharynx
 | **71 (0.3)** |
| 1. Malignant neoplasm of digestive organs and peritoneum
 | **1008 (4.3)** |
| 1. Malignant neoplasm of respiratory and intra thoracic organs
 | **136 (0.6)** |
| 1. Malignant neoplasm of bone, connective tissues and skin
 | **360 (1.6)** |
| 1. Malignant neoplasm of genitourinary organs
 | **263 (1.1)** |
| 1. Malignant neoplasm of other sites such as brain, eye, ear, …
 | **308 (1.3)** |
| 1. Malignant neoplasm of lymphatic and hematopoietic tissue
 | **640 (2.9)** |
| 1. Benign neoplasm
 | **141 (0.6)** |
| 1. Carcinoma in situ
 | **6 (0.01)** |
| 1. Malignant neoplasm of female breast
 | **119 (0.5)** |
| 1. Malignant neoplasm of thyroid gland
 | **25 (0.1)** |
| 1. Malignant neoplasm of other endocrine glands
 | **7 (0.01)** |
| ***Nephropathies (11)*** | ***2548*** |
| 1. Acute glomerulonephritis
 | **93 (0.3)** |
| 1. Nephrotic Syndrome
 | **133 (0.6)** |
| 1. Chronic glomerulonephritis
 | **23 (0.1)** |
| 1. Nephritis and nephropathy not specified acute or chronic
 | **23 (0.1)** |
| 1. Acute renal failure
 | **83 (0.3)** |
| 1. Chronic renal failure (Dialysis)
 | **2193 (9.6)** |
| ***Ischemic Heart Disease (10.3)*** | ***2397*** |
| 1. Acute myocardial infarction
 | **258 (1.1)** |
| 1. Old myocardial infarction
 | **48 (0.2)** |
| 1. Angina pectoris
 | **1253(5.4)** |
| 1. Other forms of heart diseases: Acute pericarditis/Acute and sub-acute endocarditis/Acute myocarditis/Cardiomyopathy/Conduction disorders/Cardiac dysrhythmia/Hear failure
 | **838(3.6)** |
| ***Perinatal Disorders (9.2)*** | ***2138*** |
| 1. Slow fetal growth and fetal malnutrition
 | **116 (0.5)** |
| 1. Birth trauma
 | **25 (0.09)** |
| 1. Intrauterine hypoxia and birth asphyxia
 | **139 (0.6)** |
| 1. Respiratory distress syndrome
 | **1185 (5.1)** |
| 1. Infections specific to the perinatal period
 | **348 (1.5)** |
| 1. Fetal and neonatal hemorrhage
 | **2 (0.01)** |
| 1. Hemolytic disease of fetus or newborn due to immunization
 | **69 (0.3)** |
| 1. Other perinatal jaundice
 | **139 (0.6)** |
| 1. Hematological disorders of fetus and newborn
 | **46 (0.2)** |
| 1. Perinatal disorders of digestive system
 | **69 (0.3)** |
| ***Congenital Anomalies (5)*** | ***1168*** |
| 1. TORCH related anomalies
 | **46 (0.2)** |
| 1. Spina bifida
 | **23 (0.1)** |
| 1. Bulbus cordis anomalies of cardiac septal closure
 | **327 (1.4)** |
| 1. Other congenital anomalies of circulatory system
 | **187 (0.7)** |
| 1. Congenital anomalies of respiratory system
 | **23 (0.1)** |
| 1. Cleft palate and cleft lip
 | **93 (0.4)** |
| 1. Congenital anomalies of digestive system
 | **257 (1.1)** |
| 1. Congenital anomalies of genital organs
 | **46 (0.2)** |
| 1. Congenital anomalies of urinary system
 | **70 (0.3)** |
| 1. Certain congenital musculoskeletal deformities
 | **93 (0.4)** |
| 1. Chrosomal anomalies
 | **3 (0.01)** |
| ***Appendicitis (4.5)*** | ***1049*** |
| ***Labor Complication (3.6)*** | ***766*** |
| 1. Obstructed labor
 | **21 (0.1)** |
| 1. Long labor
 | **660 (3.1)** |
| 1. Umbilical cord complication
 | **9 (0.05)** |
| 1. Trauma to perineum and vulva during delivery
 | **2 (0.01)** |
| 1. Postpartum hemorrhage
 | **2 (0.01)** |
| 1. Retained placenta or membranes without hemorrhage
 | **2 (0.01)** |
| ***Deafness & Disease of the Ear and Mastoid Process (3)*** | ***787***  |
| ***Gastrointestinal Disorders (3)*** | ***745*** |
| 1. Disease of the esophagus
 | **4 (0.02)** |
| 1. Peptic ulcer, site unspecified
 | **2 (0.02)** |
| 1. Gastritis and duodenitis
 | **14 (0.07)** |
| 1. Hernia (abdominal cavity/ inguinal)
 | **115 (0.5)** |
| 1. Non infective enteritis and colitis
 | **2 (0.01)** |
| 1. Viral disease accompanied by exanthema
 | **2 (0.01)** |
| 1. Intestinal obstruction without mention of hernia
 | **20 (0.1)** |
| 1. Diverticulitis of Intestine
 | **21(0.1)** |
| 1. Anal fissure and fistula
 | **94 (0.4)** |
| 1. Abscess of anal and rectal region
 | **23 (0.1)** |
| 1. Peritonitis
 | **40 (0.2)** |
| 1. Acute and sub-acute necrosis of liver
 | **2 (0.01)** |
| 1. Chronic liver disease and cirrhosis
 | **99 (0.4)** |
| 1. Liver abscess and sequel of chronic liver disease
 | **22 (0.1)** |
| 1. Other disorders of liver
 | **20 (0.1)** |
| 1. Cholelithiasis
 | **254 (1)** |
| 1. Other disorder of billiary tract
 | **20 (0.1)** |
| 1. Disease of pancreas
 | **22 (0.1)** |
| 1. Gastrointestinal hemorrhage
 | **23 (0.1)** |
| ***Urinary Diseases (2.8)*** | ***645*** |
| 1. Infections of kidney
 | **20 (0.1)** |
| 1. Hydronephrosis
 | **18(0.1)** |
| 1. Calculus of kidney and ureter
 | **423 (1.8)** |
| 1. Calculus of lower urinary tract
 | **53 (0.2)** |
| 1. Cystitis
 | **17 (0.1)** |
| 1. Urethritis, not sexually transmitted and uretheral syndrome
 | **10 (0.01)** |
| 1. Urethral stricture
 | **40 (0.2)** |
| 1. Hyperplasia of prostate
 | **20 (0.1)** |
| 1. Hydrocele
 | **29 (0.1)** |
| 1. Orchitis and epididymitis
 | **7 (0.01)** |
| 1. Disorders of penis
 | **8 (0.01)** |
| ***Neurologic Diseases (2.7)*** | ***636*** |
| 1. Hereditory and degenerative diseases of the central nervous system
 | **2 (0.01)** |
| 1. Parkinson’s disease
 | **2 (0.01)** |
| 1. Subarachnoid Hemorrhage
 | **16 (0.08)** |
| 1. Intracerebral hemorrhage
 | **2 (0.01)** |
| 1. Late effects of cerebrovascular disease
 | **2 (0.01)** |
| 1. Multiple sclerosis
 | **23 (0.1)** |
| 1. Hemiplegia
 | **188 (0.8)** |
| 1. Epilepsy
 | **212 (0.9)** |
| 1. Migrane
 | **69 (0.3)** |
| 1. Hereditory and idiopathic peripheral neuropathy
 | **2 (0.01)** |
| 1. Inflammatory and toxic neuropathy
 | **2 (0.01)** |
| 1. Inflammatory disease of the central nervous system
 | **2 (0.01)** |
| 1. Meningitis
 | **92 (0.4)** |
| 1. Encephelitis & myelitis and encephalomyelitis
 | **2 (0.01)** |
| 1. Intracranial and intra spinal abscess
 | **8 (0.04)** |
| ***All type of Fractures (2.7)*** | ***632*** |
| ***Hematopoietic disorders (2.7)*** | ***625*** |
| ***Tuberculosis (2.6))*** | ***605(2.6)*** |
| 1. Pulmonary TB
 | **-------** |
| 1. TB of meninges and central nervous system
 | **-------** |
| 1. TB of intestines, peritoneum and mesenteric vessels
 | **-------** |
| 1. TB of bones and joints
 | **-------** |
| 1. TB of genitourinary system
 | **-------** |
| 1. Miliary TB
 | **-------** |
| 1. TB of other organs
 | **-------** |
| Total | 23167 |

Source: UNHCR CISAMAP Database 2005- 2010 Tehran and Mashhad