**CHAPTER – II**

**MATERIALS & METHODS**

**2.1. Selection of study area:**

Internship placement of Upazilla Veterinary Hospital,Patiya,Chittagong.

**2.2. Duration of study :**

A two months long (February-April, 2014) internship activities were performed at UVH, Patiya, Chittagong.

**2.3. Clinical cases, epidemiological and drug data:**

Clinical myiasis cases of cattle and goats were studied over the study period at UVH of Patiya. Cases were diagnosed on clinical signs of developed wound infested with maggots. Rearing system, species, breed, age, sex and body condition score of each individual case were recorded in structural questionnaire. Affected regions of each individual case were noted. Management of myiasis along with drugs prescribed was also recorded.

**2.4. Data Analysis**

Data were entered into Microsoft office excel-2007,USA and then exported to STATA version -13(STATA Corporation, College Station, Texus, USA) for statistical analysis. Descriptive analysis was performed on the data of myiasis in relation to different factors. Descriptive analysis was also carried out on the data of myiasis affected regions and drugs prescribed. Results are presented as frequency and percentage of myiasis against each category of factor.