LIST OF TABLES

Table 2.1 Human papillomavirus (HPV) proteins and their functions
Table 2.2 Systems for classifying cervical cytology
Table 2.3 FIGO Staging of cancer of cervix uteri
Table 2.4 Distribution of HPV types in different parts of the world
Table 2.5 Distribution of HPV types various parts of India
Table 3.1 Interpretation of Papanicolaou staining
Table 3.2 Interpretation of staining H and E
Table 3.3 Primers used for detection of common Human papillomavirus (6, 11, 16, 18, 31 and 33), type specific HPV (16 and 18) and Oncoproteins (HPV 16/18 – E6/E7)
Table 3.4 Thermal cycler conditions for conventional PCR of HPV common gene and HPV 18 E6/E7 oncogenes
Table 3.5 Thermal cycler conditions for multiplex PCR of HPV 16, HPV 18 genes, and HPV 16 E6/E7 genes
Table 3.6 Questions asked to assess the knowledge regarding HPV infection and cervical cancer
Table 4.1 Socio-demographic details of the total study participants (n = 155) and the HPV DNA +ve participants (n=26)
Table 4.2 Agewise distribution of the study participants (n = 155) and the HPV DNA +ve participants (n=26)
Table 4.3 Distribution of cervical abnormalities based on the histopathology of the biopsy sample (n = 79)
Table 4.4 Distribution of cytobrush samples based on the cytology of the Pap smears (n= 76)
Table 4.5 Distribution of total participants (n=155) and the HPV DNA +ve (n=26) samples based on the pathology of the biopsies and cytobrush samples
Table 4.6 Distribution of the HPV DNA positive tissue biopsy samples among the cervical pathologies based on the HPV typing and presence of E6 and E7 oncogenes (n=16)
Table 4.7 Distribution of the HPV DNA positive cytobrush samples based on the HPV typing and presence of E6 and E7 oncogenes (n=10)
Table 4.8  Comparison of pathological findings with molecular findings of biopsy and cytobrush samples based upon PCR results and pathology (+ve and –ve)

Table 4.9  Distribution of the study participants based on the risk factors (n=155)

Table 4.10 Evaluation of HPV infection (n=26) among study participants (n=155) based on the risk factors associated with the infection

Table 4.11 Questions asked to the subjects to assess the knowledge about HPV infection and cervical cancer