**Table 6: Factors associated with LARCs discontinuation among user women in Health facilities of Bahir Dar city, Northwest Ethiopia, 2021 (n=415)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Variables** | **LARC Discontinued** **Yes (N, %) No (N,%)**  |  **COR**  **(95% CI)** |  **AOR** **(95% CI)** | **P-value** |
| **Religion**OrthodoxMuslimProtestantOthers© | 194(63.8%) 64(78%) 11(64.7%) 6(50%)  | 110(36.2%)18(22%)6(35.3%)6(50%)  |  10.49(0.280-0.880)\* 0.96(0.346-2.673) 1.76(0.555-5.601)  |  10.69(0.363-1.298)1.20(0.378-3.821) 1.64(0.448-6.014)  | .247 .755.454  |
| **Occupation**Housewife MerchantPrivate employeeStudentGovernment employee | 114(66.3%) 47(77%) 36(80%) 29(49.2%) 49(62.8%)  | 58(33.7%) 14(23%) 9(20%) 30(50.8%) 29(37.2%)  | 0.86(0.492-1.501) 0.50(0.237-1.069)0.42(0.178- 0.901\* 1.75(0.880- 3.473)  1  | 1.07(0.569-1.998) 0.77(0.333-1-768) 0.53(0.209-1.333) 0.704(0.797-3.643)  1  | .842 .535 .176 .169  |
| **Education**Unable to read & writeRead & writePrimarySecondaryCollege & above | 45(68.2%) 62(81.6%) 44(74.6%) 65(59.6%) 59(56.2%)  | 21(31.8%)14(18.4%)15(25.4%)44(40.4%)46(43.8%)  | 0.59(0.314-1.142) 0.29(0.144-0.581)\*\*\* 0.44(0.217-0.882) **\*** 0.87(0.504-1.495)  1  | 0.44(0.220-0.885)0.31(0.148-0.63) 0.39(0.184-0.812) 0.85(0.478-1.496)  1  | **.021****.001** **.012** .565    |
| **Pregnancy desire**YesNo | 169(66.5%) 134(83.2%)  | 85(33.5%)27(16.8%)  | 2.49(1.647-3.851) **\*\*\***  1 | 2.57(1.639-4.020)  1 | **<.001**  |
| **Type of LARC used**ImplanonIUCDSaddless | 191(64.1%) 13(59.1%) 71(74.7%)  | 107(35.9%) 9(40.9%) 24(25.3%)  | 1.66(0.485-0.997) 2.05(0.778-5.390)  1  | 1.53(0.878-2.680) 2.38(0.847-6.948)  1 | .133 .112  |
| **Past contraception**YesNo | 227(69.4%) 48(54.5%) | 100(30.6%) 40(45.5%) |  11.89(1.169-3.060) **\*\***  |  12.01(1.192-3.376)  |  **.009** |
| **Counseling on the benefit of LARC**YesNo | 152(70.7%) 123(61.5%)  | 63(29.3%)77(38.5%)  |  1  1.51(1.003-2.274) \*  |  1 1.68(1.081-2.624)  | **.021**  |
| **Ever side effect**Yes No | 158(52.1%) 76(67.9%)  | 145(47.9%) 36(32.1%) |  1.94(1.221-2.983\*  1 | 1.95(1.207-3.164  1 | **.006**  |
| **Follow up**YesNo | 132(63.5%) 143(69.1%)  | 76(36.5%) 64(30.9%) | 1.29(0.655-0.985)  1  | 1.39(0.885-2.172) 1  | .154  |

\* P-value less than 0.05 \*\*P-value less than 0.01 \*\*\*P-value less than 0.001 ©Catholic & Adventist