

Obstetrics & Gynecology Science

Soo Jin Park, et al. Vulvovaginitis in adolescent girls

Supplementary Table 1. Gram stain results of vaginal discharge samples

| Category | Total (n=195) | Premenarcheal (n=95) | Postmenarcheal (n=100) | P-value |
|---------------------|------------------|-------------------------|---------------------------|---------|
| White blood cells | | | | 0.03 |
| No | 129 (66.2) | 70 (73.7) | 59 (59.0) | |
| Yes | 66 (33.8) | 25 (26.3) | 41 (41.0) | |
| Rare (<1) | 30 (15.4) | 7 (7.4) | 23 (23.0) | |
| A few (1-5) | 19 (9.7) | 11 (11.6) | 8 (8.0) | |
| Moderate (5-10) | 7 (3.6) | 4 (4.2) | 3 (3.0) | |
| Many (>10) | 10 (5.1) | 3 (3.2) | 7 (7.0) | |
| Epithelial cells | | | | <0.01 |
| No | 76 (39.0) | 54 (56.8) | 22 (22.0) | |
| Yes | 119 (61.0) | 41 (43.2) | 78 (78.0) | |
| Rare (<1) | 55 (28.2) | 23 (24.2) | 32 (32.0) | |
| A few (1-5) | 42 (21.5) | 11 (11.6) | 31 (31.0) | |
| Moderate (5-10) | 13 (6.7) | 4 (4.2) | 9 (9.0) | |
| Many (>10) | 9 (4.6) | 3 (3.2) | 6 (6.0) | |
| Gram-negative rods | | | | 0.19 |
| No | 156 (80.0) | 79 (83.2) | 77 (77.0) | |
| Yes | 39 (20.0) | 16 (16.8) | 23 (23.0) | |
| Rare (<1) | 8 (4.1) | 3 (3.2) | 5 (5.0) | |
| A few (1-5) | 13 (6.7) | 5 (5.3) | 8 (8.0) | |
| Moderate (5-10) | 4 (2.1) | 2 (2.1) | 2 (2.0) | |
| Many (>10) | 14 (7.2) | 6 (6.3) | 8 (8.0) | |
| Gram-positive cocci | | | | 0.03 |
| No | 143 (73.3) | 63 (66.3) | 80 (80.0) | |
| Yes | 52 (26.7) | 32 (33.7) | 20 (20.0) | |
| Rare (<1) | 10 (5.1) | 3 (3.2) | 7 (7.0) | |
| A few (1-5) | 20 (10.3) | 12 (12.6) | 8 (8.0) | |
| Moderate (5-10) | 11 (5.6) | 8 (8.4) | 3 (3.0) | |
| Many (>10) | 11 (5.6) | 9 (9.5) | 2 (2.0) | |
| Gram-positive rods | | | | <0.01 |
| No | 111 (56.9) | 71 (74.7) | 40 (40.0) | |
| Yes | 84 (43.1) | 24 (25.3) | 60 (60.0) | |
| Rare (<1) | 5 (2.6) | 2 (2.1) | 3 (3.0) | |
| A Few (1-5) | 24 (12.3) | 7 (7.4) | 17 (17.0) | |
| Moderate (5-10) | 16 (8.2) | 4 (4.2) | 12 (12.0) | |
| Many (>10) | 39 (20.0) | 11 (11.6) | 28 (28.0) | |
| Yeast-like cells | | | | 0.28 |
| No | 188 (96.4) | 93 (97.9) | 95 (95.0) | |
| Yes | 7 (3.6) | 2 (2.1) | 5 (5.0) | |
| Rare (<1) | 7 (3.6) | 2 (2.1) | 5 (5.0) | |
| A few (1-5) | 0 (0.0) | 0 (0.0) | 0 (0.0) | |
| Moderate (5-10) | 0 (0.0) | 0 (0.0) | 0 (0.0) | |
| Many (>10) | 0 (0.0) | 0 (0.0) | 0 (0.0) | |

Values are presented as number (%).