Chickens

Charity

7/19/2021

chks %>%   
 select(-labid) %>%   
 tbl\_summary(by = site, missing = "no") %>%   
 add\_p() %>%   
 add\_overall()

| Characteristic | Overall, N = 1441 | Bontodiase, N = 251 | Sukuumu, N = 461 | Freetown, N = 731 | p-value2 |
| --- | --- | --- | --- | --- | --- |
| ESB-ESBL |  |  |  |  | <0.001 |
| Negative | 60 (42%) | 16 (64%) | 8 (17%) | 36 (49%) |  |
| Positive | 84 (58%) | 9 (36%) | 38 (83%) | 37 (51%) |  |
| Bacteria |  |  |  |  | 0.6 |
| Eschericia Coli | 82 (98%) | 9 (100%) | 36 (95%) | 37 (100%) |  |
| Klebsiella Pneumoniae | 2 (2.4%) | 0 (0%) | 2 (5.3%) | 0 (0%) |  |
| ESBL GENE |  |  |  |  | 0.11 |
| CTX-M-1 | 78 (98%) | 8 (89%) | 36 (100%) | 34 (97%) |  |
| CTX-M-1/TEM | 1 (1.2%) | 0 (0%) | 0 (0%) | 1 (2.9%) |  |
| TEM | 1 (1.2%) | 1 (11%) | 0 (0%) | 0 (0%) |  |
| Ampicillin |  |  |  |  | >0.9 |
| Susceptible | 1 (1.2%) | 0 (0%) | 1 (2.6%) | 0 (0%) |  |
| Resistant | 83 (99%) | 9 (100%) | 37 (97%) | 37 (100%) |  |
| Ceftazidime |  |  |  |  | >0.9 |
| Susceptible | 1 (1.2%) | 0 (0%) | 1 (2.6%) | 0 (0%) |  |
| Resistant | 83 (99%) | 9 (100%) | 37 (97%) | 37 (100%) |  |
| Ciprofloxacin |  |  |  |  | 0.061 |
| Susceptible | 34 (40%) | 2 (22%) | 13 (34%) | 19 (51%) |  |
| Intermediate | 20 (24%) | 2 (22%) | 7 (18%) | 11 (30%) |  |
| Resistant | 30 (36%) | 5 (56%) | 18 (47%) | 7 (19%) |  |
| Cefpodoxime |  |  |  |  | >0.9 |
| Susceptible | 1 (1.2%) | 0 (0%) | 1 (2.6%) | 0 (0%) |  |
| Resistant | 83 (99%) | 9 (100%) | 37 (97%) | 37 (100%) |  |
| Cefotaxime |  |  |  |  | >0.9 |
| Susceptible | 1 (1.2%) | 0 (0%) | 1 (2.6%) | 0 (0%) |  |
| Resistant | 83 (99%) | 9 (100%) | 37 (97%) | 37 (100%) |  |
| Cefuroxime |  |  |  |  | >0.9 |
| Susceptible | 1 (1.2%) | 0 (0%) | 1 (2.6%) | 0 (0%) |  |
| Resistant | 83 (99%) | 9 (100%) | 37 (97%) | 37 (100%) |  |
| Cefuroxime Axetil |  |  |  |  | >0.9 |
| Susceptible | 1 (1.2%) | 0 (0%) | 1 (2.6%) | 0 (0%) |  |
| Resistant | 83 (99%) | 9 (100%) | 37 (97%) | 37 (100%) |  |
| Ertapenem |  |  |  |  |  |
| Susceptible | 84 (100%) | 9 (100%) | 38 (100%) | 37 (100%) |  |
| Gentamicin |  |  |  |  | 0.014 |
| Susceptible | 73 (87%) | 5 (56%) | 33 (87%) | 35 (95%) |  |
| Resistant | 11 (13%) | 4 (44%) | 5 (13%) | 2 (5.4%) |  |
| Imipenem |  |  |  |  |  |
| Susceptible | 84 (100%) | 9 (100%) | 38 (100%) | 37 (100%) |  |
| Meropenem |  |  |  |  |  |
| Susceptible | 84 (100%) | 9 (100%) | 38 (100%) | 37 (100%) |  |
| Moxifloxacin |  |  |  |  | 0.3 |
| Susceptible | 5 (6.0%) | 0 (0%) | 4 (11%) | 1 (2.7%) |  |
| Intermediate | 10 (12%) | 0 (0%) | 3 (7.9%) | 7 (19%) |  |
| Resistant | 69 (82%) | 9 (100%) | 31 (82%) | 29 (78%) |  |
| Ampicillin-Sulbactam |  |  |  |  | 0.003 |
| Susceptible | 24 (29%) | 0 (0%) | 11 (29%) | 13 (35%) |  |
| Intermediate | 39 (46%) | 3 (33%) | 15 (39%) | 21 (57%) |  |
| Resistant | 21 (25%) | 6 (67%) | 12 (32%) | 3 (8.1%) |  |
| Trimethoprim-Sulphamethoxazole |  |  |  |  | 0.2 |
| Susceptible | 28 (33%) | 1 (11%) | 12 (32%) | 15 (41%) |  |
| Resistant | 56 (67%) | 8 (89%) | 26 (68%) | 22 (59%) |  |
| Tetracycline |  |  |  |  | 0.5 |
| Susceptible | 6 (7.1%) | 0 (0%) | 2 (5.3%) | 4 (11%) |  |
| Resistant | 78 (93%) | 9 (100%) | 36 (95%) | 33 (89%) |  |
| Tigecycline |  |  |  |  |  |
| Susceptible | 84 (100%) | 9 (100%) | 38 (100%) | 37 (100%) |  |
| Piperacillin-Tazobactam |  |  |  |  | 0.042 |
| Susceptible | 76 (90%) | 8 (89%) | 31 (82%) | 37 (100%) |  |
| Intermediate | 2 (2.4%) | 0 (0%) | 2 (5.3%) | 0 (0%) |  |
| Resistant | 6 (7.1%) | 1 (11%) | 5 (13%) | 0 (0%) |  |
| 1n (%) | | | | | |
| 2Pearson's Chi-squared test; Fisher's exact test | | | | | |