

Table 4. Univariable analyses of UC-associated infections for the patients with an acute hip fracture, N= 2 408

| Variable | | n (%) | OR* (95% CI) | p-value | Area under ROC curve (95%CI) |
|---------------------------------|---|-------------|---------------------|---------|------------------------------|
| Phases (1-4) ¹ | Phase 1 | 75 (18.5) | 1.0 | 0.008 | 0.66 (0.62-0.69) |
| | Phase 2 | 82 (12.5) | 0.63 (0.45-0.89) | | |
| | Phase 3 | 50 (7.1) | 0.34 (0.23-0.50) | | |
| | Phase 4 | 27 (4.2) | 0.19 (0.12-0.30) | | |
| Age* | 65-<82 | 66 (7.8%) | 1.02 (1.00-1.04) | 0.015 | 0.55 (0.51-0.59) |
| | 82-<89 | 78 (10.0%) | | | |
| | 89-102 | 90 (11.5%) | | | |
| Gender | Female | 164 (9.6%) | 1.03 (0.77-1.39) | 0.83 | 0.50 (0.47-0.53) |
| | Male | 70 (9.9%) | | | |
| ASA score* | I-II | 94 (9.2%) | 1.11 (0.84-1.46) | 0.45 | 0.51 (0.48-0.55) |
| | III-IV | 140 (10.1%) | | | |
| Diabetes | Yes | 33 (9.0%) | 1.11 (0.75-1.63) | 0.61 | 0.51 (0.48-0.53) |
| | No | 201 (9.8%) | | | |
| Hospital length of stay (days)* | 3>6 | 7 (2.8%) | 1.07 (1.05-1.08) | <0.0001 | 0.66 (0.62-0.70) |
| | 6<15 | 112 (7.7%) | | | |
| | 15-68 | 115 (16.3%) | | | |
| Catheterisation treatment | Indwelling urinary catheter | 74 (6.0%) | 0.41 (0.31-0.54) | <0.0001 | 0.61 (0.58-0.64) |
| | Indwelling urinary catheter + intermittent catheterisation | 112 (14.5%) | 2.10 (1.60-2.75) | <0.0001 | 0.59 (0.55-0.62) |
| | Intermittent catheterisation | 48 (11.9%) | 1.31 (0.94-1.84) | 0.11 | 0.52 (0.49-0.55) |
| Urinary catheter days* | 0.50-<2.50 | 66 (8.2%) | | | |
| | 2.50-<5.00 | 45 (7.3%) | | | |

| | | | | | |
|---|------------|-------------|---------------------|---------|------------------|
| | 5.00-48.00 | 75 (12.8%) | 1.07 (1.04-1.10) | <0.0001 | 0.57 (0.53-0.62) |
| Indwelling urinary catheter reinsertion | No | 140 (8.2%) | | | |
| | Yes | 46 (16.0%) | 2.15 (1.50-3.08) | <0.0001 | 0.56 (0.53-0.59) |
| Intermittent catheterisation number of times* | 0 | 74 (6.0%) | | | |
| | 1-3 | 109 (11.6%) | | | |
| | 4-5 | 26 (19.7%) | | | |
| | 6-10 | 16 (17.6%) | | | |
| | 11-15 | 6 (46.2%) | | | |
| | 16-20 | 1 (50.0%) | | | |
| | 21-25 | 2 (100.0%) | 1.73 (1.51-1.98) | <0.0001 | 0.63 (0.59-0.67) |

*Odds ratios were calculated on the underlying continuous variables.

¹ Phase 1 works as a reference analysis of phases 2-4.