

Table 4 Shaving practices of barbers in their shops by residence

| Practice item                      | Barbers' residence |      |                 |      | Total (n = 308) |      | $\chi^2$ -value | P-value |
|------------------------------------|--------------------|------|-----------------|------|-----------------|------|-----------------|---------|
|                                    | Urban (n = 161)    |      | Rural (n = 147) |      | No.             | %    |                 |         |
|                                    | No.                | %    | No.             | %    |                 |      |                 |         |
| Changes the blade for each client  | 150                | 93.2 | 141             | 95.9 | 291             | 94.5 | 0.650           | 0.420   |
| Disinfects the instruments         | 117                | 72.7 | 120             | 81.6 | 237             | 76.9 | 2.990           | 0.084   |
| Only washes the used instruments   | 103                | 64.0 | 69              | 46.9 | 172             | 55.8 | 8.370           | 0.004*  |
| Washes hands                       | 104                | 64.6 | 90              | 61.2 | 194             | 63.0 | 0.240           | 0.621   |
| Wears protective clothes/or gloves | 85                 | 52.8 | 14              | 9.6  | 99              | 32.1 | 64.00           | 0.001*  |
| Disinfectant used                  |                    |      |                 |      |                 |      |                 |         |
| Perfume                            | 82                 | 50.9 | 46              | 31.3 | 128             | 41.6 | 11.41           | 0.001*  |
| Savlon®                            | 79                 | 49.1 | 47              | 32.0 | 126             | 40.9 | 8.60            | 0.003*  |
| Alcohol                            | 61                 | 37.9 | 50              | 34.0 | 111             | 36.0 | 0.35            | 0.556   |
| Talcum powder                      | 34                 | 21.1 | 7               | 4.8  | 41              | 13.3 | 16.42           | 0.001*  |
| Povidone/iodine                    | 14                 | 8.7  | 15              | 10.2 | 29              | 9.4  | 0.07            | 0.797   |
| Hydrogen peroxide                  | 17                 | 10.6 | 2               | 1.4  | 19              | 6.2  | 9.70            | 0.002*  |
| Dettol®                            | 8                  | 5.0  | 9               | 6.1  | 17              | 5.5  | 0.04            | 0.847   |
| Water                              | 4                  | 2.5  | 5               | 3.4  | 9               | 2.9  | FE              | 0.741   |
| Alum crystals (shaba)              | 1                  | 0.6  | 4               | 2.7  | 5               | 1.6  | FE              | 0.196   |
| None                               | 3                  | 1.9  | 3               | 2.0  | 6               | 1.9  | FE              | 1.000   |
| Changes disinfectant frequently    | 91                 | 56.5 | 89              | 60.5 | 180             | 58.4 | 0.36            | 0.549   |

\*P &lt; 0.05.

More than 1 answer was reported.

FE = Fisher exact test.