**Table 1:** Distribution of types of vaccines and types of injuries of study subjects.

|  |  |  |  |
| --- | --- | --- | --- |
| Variables | Yes | No | I don’t know |
| HBV vaccination | 243 (94.2%) | 6 (2.3%) | 9 (3.5%) |
| Sharp injury | 147 (57%) | 108 (41.9%) | 3 (1.2%) |
| Eye splashing | 78 (30.2%) | 162 (62.8%) | 18 (7.0%) |

**Table 2** - Distribution of responses related to knowledge of study subject towards infection control, and comparison of mean value of their attitude scores in relation to their responses.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Questions related to knowledge | Total No. (%) | Mean (SD) | F-value | p-value |
| Have you had a didactic (theory) lectures about infection control during your under-graduate or internship program? |  |  |  |  |
| * No, never had a lecture before
 | 3(1.2%) | 9(0) | 7.37 | <0.0001 |
| * Yes, only few lectures during undergraduate program
 | 219(84.9%) | 14.5(3.3) |
| * Yes, 1 weekly lecture during one semester
 | -- | -- |
| * Yes, 1 weekly lecture during one academic year
 | 21 (8.1%) | 13.1(2.6) |
| * More than that
 | 15 (5.8%) | 11.4(3.0) |
| Have you attended a clinical demonstration/ hands on workshop about infection control during your under-graduate program? |  |  |  |  |
| * No, never had a training before
 | 102 (39.5%) | 14.1(3.1) | 1.67 | 0.17 |
| * Yes, once during the undergraduate program
 | 138 (53.5%) | 14.3(3.6) |
| * Yes, twice during the undergraduate program
 | 12 (4.7%) | 12.7(1.7) |
| * Yes, every year
 | 6 (2.3%) | 12.0(3.3) |

**Table 3** - Distribution of responses of study subject’s attitudes and awareness towards infection control in Prosthodontic clinic.

|  |  |
| --- | --- |
| Questions related to attitudes and awareness towards infection control | Responses |
| **Yes** | **No** | **I don’t know** |
| Do you regularly wear the following barrier during dental procedure in prosthodontic clinic? |  |  |  |
| * Gloves
 | 258 (100) | -- | --- |
| * Face Mask
 | 249 (96.5) | 9 (3.5) | --- |
| * Protective Glass
 | 189 (73.3) | 69 (26.7) | --- |
| * Protective Gowns
 | 249 (96.5) |  9 (3.5) | -- |
| * Head Cap (cover)
 | 93 (36) | 165 (64) | -- |
| Do you (or your dental assistant) regularly disinfect the following items between patients? |  |  |  |
| * Rubber bowl
 | 138(53.5) | 21(8.1) | 99(38.4) |
| * Alginate mixing spatula
 | 156(60.5) | 15(5.8) | 87(33.7) |
| * Face bow
 | 204(79.1) | -- | 54(20.9) |
| * Shade guide
 | 147(57.0) | 21(8.1) | 90(34.9) |
| When taking Primary (alginate) or final impression, Do you (or your dental assistant) |  |  |  |
| * Apply plastic (or rubber) barrier or apply disinfectant on impression gun between patients?
 | 183(70.9) | 27(10.5) | 48(18.6) |
| * Rinse the impression under running water immediately after being removed from patient’s mouth?
 | 249(96.5) |  6(2.3) |  3(1.2) |
| * Apply disinfectant on the impression after being rinsed with water?
 | 249(96.5) | 6(2.3) |  3(1.2) |
| * When you apply the disinfectant on the impression, do you also apply it on the outer side of the tray?
 | 141(54.7) | 81(31.4) |  36(14) |
| Do you regularly disinfect the following items before sending it to dental laboratory?  |  |  |  |
| * Dental Cast
 | 46(17.8) | 198(76.7) | 14(5.4) |
| * Denture prosthesis
 | 177(68.6) | 66(25.6) | 15(5.8) |
| * Metal framework for removable or fixed prosthesis after try in
 | 177(68.6) | 63(24.4) | 18(7.0) |
| * Bite registration or wax rim
 | 168(65.1) | 63(24.4) | 27(10.5) |
| * Face bow and fork
 |  162(62.8) | 66(25.6) | 30(11.6) |
| Do you sterilize (autoclaved) the following items before being used with patient? |  |  |  |
| * Face bow fork
 | 219(84.9) | 15(5.8) | 24(9.3) |
| * Fox occlusal plane
 | 189(73.3) | 18(7.0) | 51(19.8) |

**Table 4 -** Distribution of responses related to satisfaction of study subject with their knowledge and behavior toward infection control, and comparison of mean value of their attitude scores in relation to their responses.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Satisfaction questions | No. (%) | Mean (SD) | F-value | p-value |
| How do you evaluate your knowledge about infection control in prosthodontic clinic? |  |  |  |  |
| * Very poor
 | -- | -- | 9.78 | < 0.0001 |
| * Poor
 | 9 (3.5%) | 14 (4.6%) |
| * Fair
 | 75 (29.1%) | 12.8 (3.9%) |
| * Good
 | 153 (59.3%) | 14.3 (2.8%) |
| * Very good
 | 21 (8.1%) | 17.0 (2.65) |
| How do you evaluate your implementation of infection control policy in your prosthodontic clinical practice? |  |  |  |  |
| * Very poor
 | -- | -- | 20.39 | < 0.0001 |
| * Poor
 | 9 (3.5%) | 11.0 (3.1%) |
| * Fair
 | 105 (40.7%) | 12.97 (3.7%) |
| * Good
 | 132 (51.2%) | 14.8 (2.6%) |
| * Very good
 | 12 (4.7%) | 19.0 (1.3%) |
| Are you satisfied with your knowledge and your performance in infection control in your prosthodontic clinical practice?  |  |  |  |  |
| * Not satisfied
 | 6 (2.3%) | 14.5 (3.8%) | 8.13 | < 0.0001 |
| * Little satisfied
 | 27 (10.5%) | 12.5 (4.4%) |
| * Fairly satisfied
 | 93 (36%) | 13.1 (3.4%) |
| * Almost satisfied
 | 111 (43%) | 14.9 (2.5%) |
| * Totally satisfied
 | 21 (8.1%) | 16.5 (3.9%) |