**Table S1: Demographic and Work-related characteristics distribution among study subjects.**

|  |  |  |
| --- | --- | --- |
| **Demographic and work related characteristics** | **Nursing staff(n=549)** | **Physicians(n=205)** |
|  | **No.** | **%** | **No.** | **%** |
| **Age (years)** |  |  |  |  |
| <30 | 162 | 29.5 | 74 | 36.1 |
| 30-40 | **253** | **46.1** | **86** | **42.0** |
| >40 | 134 | 24.4 | 45 | 22.0 |
| Mean ± SD. | **34.34 ± 6.26** | **33.57 ± 6.04** |
| **Gender** |  |  |  |  |
| Male | 0 | 0.0 | 10 | 4.9 |
| Female | 549 | 100.0 | 195 | **95.1** |
| **Level of education** |  |  |  |  |
| Diploma Degree | 64 | 11.7 | 0 | 0.0 |
| Bachelor Degree | 481 | 87.6 | 168 | 82.0 |
| Master Degree | 4 | 0.7 | 37 | 18.0 |
| **Working units** |  |  |  |  |
| Surgical | 201 | 36.6 | 66 | 32.2 |
| ICU/NICU | 101 | 18.4 | 42 | 20.5 |
| Medical  | 247 | 45 | 97 | 47.3 |
| **Years of experience** |  |  |  |  |
| <5 | 22 | 4.0 | 21 | 10.2 |
| 5-10 | 324 | 59.0 | 109 | 53.2 |
| >10 | 203 | 37.0 | 75 | 36.6 |
| Mean ± SD. | **10.18 ± 4.44** | **9.69 ± 4.82** |
| **Do you participated in a real disaster?** |  |  |  |  |
| No | 352 | 64.1 | 168 | 82.0 |
| Yes | 197 | 35.9 | 37 | 18.0 |
| **Do you have previous experience in dealing with disasters?** |  |  |  |  |
| No | 280 | 51.0 | 137 | 66.8 |
| Yes | 269 | 49.0 | 68 | 33.2 |
| **Do you have previous training experience about disasters and how to manage it?** |  |  |  |  |
| No | 174 | 31.7 | 65 | 31.7 |
| Yes | 375 | 68.3 | 140 | 68.3 |
| **Do you have any participation activities in the Hajj season?** |  |  |  |  |
| No | 486 | 88.5 | 201 | 98.0 |
| Yes | 63 | 11.5 | 4 | 2.0 |

**Table S2: Training needs in relation to disaster management preparedness distribution among study subjects.**

|  |  |  |  |
| --- | --- | --- | --- |
| **Training needs in relation to disaster management preparedness**  | **Nursing staff(n=549)** | **Physicians(n=205)** | **Total** **754** |
| **No.** | **%** | No. | % | **No.** | **%** |
|  |  |  |  |  |  |  |
| 1. **Emergency Situations Preparedness/Trauma Mass Causality/ Triage Disaster Management System**
 | 93 | 16.9% | 36 | 17.6% | 129 | 17.1% |
| 1. **Disaster Management Process**
 | 94 | 17.1% | 35 | 17% | 129 | 17.1% |
| 1. **External Disasters Preparedness/ Man-Made Disaster (i.e. Terrorist Attacks Management)/ Evacuation Plans**
 | 79 | 14.4% | 29 | 14.1% | 108 | 14.3% |
| 1. **COVID 19 Health Disaster Preparedness**
 | 79 | 14.4% | 28 | 13.6% | 107 | 14.2% |
| 1. **Fire Management System Training, Fire and Safety Management, Patient Safety/ Risk And Hazard Management**
 | 63 | 11.5% | 23 | 11.2% | 86 | 11.4% |
| 1. **Policy of Disaster Management/ Supply Chain Disaster Management**
 | 47 | 8.6% | 18 | 8.8% | 65 | 8.6% |
| 1. **ACLS/ BLS**
 | 32 | 5.8% | 12 | 5.8% | 44 | 5.8% |
| 1. **First Aid**
 | 31 | 5.6% | 12 | 5.8% | 43 | 5.7% |
| 1. **Hajj Disaster Preparedness**
 | 16 | 2.9% | 6 | 2.9% | 22 | 2.9% |
| 1. **Updates of Disaster Management/ Updates in Area of Specialty**
 | 15 | 2.7% | 6 | 2.9% | 21 | 2.8% |