**Appendix Table 1 (available online only).** Respondents’ Knowledge of Various Aspects of First Aid by Study Phase.

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Knowledge of First Aid** | **Intervention Group** | | | **Control Group** | | | | |
| **Baseline**  **N = 62** | **Immediate**  **n = 61** | **3 Months**  **n = 61** | **Baseline**  **n = 66** | **Immediate**  **n = 66** | | **3 Months**  **n = 66** | |
| **Freq (%)** | **Freq (%)** | **Freq (%)** | **Freq (%)** | **Freq (%)** | | **Freq (%)** | |
| **General Knowledge of First Aid** |  |  |  |  |  | |  | |
| First aid is the treatment of the sick and injured before professional medical help can be given. a  The aim (s) of first aid is/are (multiple response):  to prevent death\*  to prevent further injury\*  to counteract shock\*  to relieve pain\*  to give definitive treatment (**incorrect**)  **Safety at a Crash Scene**  The most important person at a crash scene is the person who wants to provide first aid. a  During a scene size-up, you conclude that there are multiple casualties, the first thing you as a saver who intends to provide first aid should do is call for help. a    The golden hour commences at the time the injury occurs. a | 56 (90.3)  41 (66.1)  13 (21.0)  10 (16.1)  16 (25.8)  11 (17.7)  25 (40.3)  37 (59.7)  21 (33.9) | 60 (98.4)  53 (86.9)  28 (45.9)  6 (9.8)  20 (32.8)  4 (6.6)  35 (57.4)  54 (88.5)  26 (42.6) | 58 (95.1)  57 (93.4)  27 (44.3)  0  9 (14.8)  5 (8.2)  47 (77.0)  56 (91.8)  27 (44.3) | 58 (87.9)  52 (78.8)  10 (15.2)  2 (3.0)  19 (28.8)  5 (7.6)  23 (34.8)  47 (71.2)  9 (13.6) | 57 (86.4)  46 (70.8)  11 (16.9)  2 (3.0)  21 (32.3)  4( 3.3)  22 (33.3)  43 (65.2)  10 (15.2) | | 62 (93.9)  51 (77.3)  2 (3.0)  0  9 (13.6)  0  39 (59.1)  55 (83.3)  14 (21.2) | |
| Which of the ff diseases should a first aid provider bear in mind when assisting crash victims (multiple response)?  Heptitis A (No)    Heptitis B \*  HIV/AIDS\*    Heptitis C\*    Tuberculosis\*    **Initial Assessment of Crash Victim**  The max time required for initial assessment of a crash victim is 10 minutes. a  You can interrupt your initial assessment of a crash victim if he stops breathing. a | 0  4 (6.5)  45 (72.6)  4 (6.5)  13 (21.0)  17 (27.4)  41 (66.1) | 45 (73.8)  24 (39.3)  54 (88.5)  17 (27.9)  N = 60  27 (45.0)  41 (67.2)  48 (78.7) | 32 (52.5)  29 (47.5)  56 (91.8)  7 (11.5)  28 (45.9)  42 (68.9)  54 (88.5) | 0  3 (4.5)  44 (66.7)  4 (6.1)  17 (25.8)  24 (36.4)  44 (66.7) | 0  14 (21.2)  46 (69.7)  7 (10.6)  24 (36.4)  31 (47.0)  42 (63.6) | | 0  13 (19.7)  53 (80.3)  9 (13.6)  19(28.8)  39(59.1)  55(83.3) | |
| **Rapid Survey/ Focused Examination of the Crash Victim**  A piece of metal protruding from an accident victim's abdomen should be left in place and covered with a clean piece of cloth. a | **18 (29.0)** | **44 (72.1)** | **52 (85.2)** | **24 (36.4)** | | **29 (43.9)** | | **51(77.3)** |
| After ensuring an accident victim is not a load and go, you can arrest bleeding at the crash site by applying firm pressure with a clean piece of cloth. a  An accident victim who has a neck injury should be transported to hospital lying on his back with a cervical collar in place. a | 31(50.0)  25 (40.3) | 38 (62.3)  52 (85.2) | 36 (59.0)  54 (88.5) | 16 (24.2)  17 (25.8) | | 16 (24.2)  23 (34.8) | | 36 (54.5)  37 (56.1) |
| You can stabilize a fracture of the thigh bone by using the patient’s body and a piece of cloth. a    ***Important Information to Obtain from a Crash Victim Includes:***  Any complaints he has as a result of the accident.  Events that led to the crash .  Name and contact telephone number of next of kin.  Address of next of kin.  Number of the nearest police station. | 3 (4.8)  24 (38.7)  18 (29.0)  34 (54.8)  19 (30.6)  11 (17.7) | 22 (36.1)  32 (52.5)  23 (37.7)  48 (78.7)  37 (60.7)  28 (45.9) | 39 (63.9)  25 (41.0)  24 (39.3)  53 (86.9)  45 (73.8)  16 (26.2) | 13 (19.7)  15 (22.7)  21 (31.8)  36 (54.5)  35 (53.0)  20 (30.3) | | 14 (21.2)  20 (30.8)  28 (43.1)  40 (61.5)  38 (63.3)  19 (32.2) | | 34 (51.5)  15 (22.7)  27 (40.9)  45 (68.2)  39 (59.1)  37 (56.1) |

a Proportions with correct responses reported

\*Correct responses for multiple response questions