|  |  |
| --- | --- |
| **Variable** | **Mean (±SD)/ median (IQR)/ n (%)** |
| **Age** (in years) | 30.51 (**±**5.43) |
| **Gender**  Male  Female | 87 (71.3%)  35 (28.7%) |
| **Discipline-wise categories**  Medical  Surgical  Other clinical  Non clinical | 44 (36.1%)  34 (27.9%)  32 (26.2%)  10 (8.2%) |
| **Duration of experience** (in years) | 5.00 (2.00, 8.25) |

**Table 1. Socio-demographic and occupational profiles of the study participants** (N=120)

SD: Standard deviation; IQR: Inter-quartile range

**Table 2. Factor analysis (principal component analysis) of the questionnaire items: 6 components extracted**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Component matrix** | | | | | | |
|  | Component | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 |
| Q1) Revealing the grave investigation’s finding to a patient if f/m are not willing | .352 |  |  |  | -.361 | .301 |
| Q2) Asking about sensitive information from the patients, if clinically relevant, in busy setting overlooking privacy/confidentiality | .386 |  |  | -.314 |  | **-.649** |
| Q3) Interviewing the f/m, when clinically required (e.g. patient with delusion etc.), although patient is not willing for the same | .353 |  | **-.537** |  |  |  |
| Q4) Reporting to higher authority about childhood sexual abuse inflicted by the caregiver and against the wish of the latter, even when the abuse is not directly related to the treatment | .469 |  | **-.620** |  |  |  |
| Q5) Referring a potentially litigious, although sick patient, to a more competent centre |  |  |  | **.664** | .307 |  |
| Q6) Not revealing the HIV status of a patient to f/m or spouse if patient is not wished by the patient |  | -.553 | .442 |  | .415 |  |
| 7) Discharging a relatively stable patient, although against the wish of the patient/care givers, in order to admit a sicker patient from waiting list | **.572** | .368 |  |  |  |  |
| 8) Referring a patient to another hospital when diagnosing or initiating a treatment would take more time in their current set-up | **.551** | .401 | .321 |  |  |  |
| 9) Refusing to perform a routine surgery (e.g. benign cyst removal) in tertiary centre that can be performed at the primary or secondary centre | **.660** |  |  |  |  |  |
| 10) Deciding for a patient not in position to take decision for himself or when opinion difference is there between the caregiver and t doctor | **.612** |  |  |  |  |  |
| 11) Screening for HIV and HCV/HBV without pre-test counselling before performing a routine surgery | .371 |  |  |  | **-.648** |  |
| 12) Obtaining consent for performing a medical procedure (e.g. pleural tap) without adequately counselling the patient/caregiver about the possible risks related to the procedure in a busy set-up or when it appears that they would get unduly apprehensive about the procedure | -.502 | **.538** |  |  |  |  |
| 13) Withdrawing life support measures from a brain dead patient, if medically indicated, even when the f/m not willing for the same | .357 | **-.532** |  |  |  |  |
| 14) Empirically treating (e.g. starting ATT) when due to logistic reasons | .454 |  |  | -.463 |  |  |
| 15) Restraining (physically/chemically) an aggressive patient (e.g. delirious patient) by the nursing staff without obtaining explicit instructions from doctor | .390 | -.301 |  | -.460 |  | .400 |

f/m: family members, ATT: anti-tubercular therapy; Eigen-values of > or = 0.5 is considered significant and are shown in bold font; Kaiser-Meyer-Olkin (KMO) value 0.667

**Table 3. Spearman’s correlation analysis between duration of clinical experience and response to various domains of the questionnaire**

|  |  |
| --- | --- |
|  | **Duration of clinical Experience;**  **rs(rho), p- value** |
| Factor 1 (Ethical issue arising out of health-care resource constrain) | 0.04, p=0.64 |
| Factor 2 (Ethical issues addressing family concerns during treatment or in decision making) | -0.04, p=0.60 |
| Factor 3 (Rights of the patient) | -0.04, p=0.65 |
| Factor 4 (Responsibility of health care provider) | -0.03, p=0.67 |
| Factor 5 (Consent related) | 0.01, p= 0.16 |
| Factor 6 (Confidentiality) | 0.19, p= 0.19 |

rs: Correlation coefficient; p value: Significance (2 tailed)

**Table 4. Gender-wise comparison of participants response to various domains of the questionnaire**

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Gender** | **Mean (SD)** | **Mann-Witney U† (mean scores difference between male and female), p value** |
| Factor 1 (Ethical issue arising out of resource constrain) | Male  Female  Total | 3.86 (0.86)  3.39 (0.76)  3.72 (0.85) | **1642.50, 0.003\***  **-** |
| Factor 2 (Ethical issues arising in not involving family in decision making) | Male  Female  Total | 2.75 (0.89)  2.92 (0.60)  3.01 (0.76) | 1285.50, 0.16  - |
| Factor 3 (Right of the patients and responsibility of health care provider) | Male  Female  Total | 1.94 (0.82)  2.38 (0.97)  2.07 (0.89) | **1110.50, 0.018\***  **-** |
| Factor 4 (responsibility of health care provider) | Male  Female  Total | 4.64 (0.76)  4.51 (0.81)  4.60 (0.77) | 1389.50, 0.32  - |
| Factor 5 (Consent related) | Male  Female  Total | 3.09 (1.57)  2.85 (1.55)  3.02 (1.56) | 1384.50, 0.42 |
| Factor 6 (Confidentiality) | Male  Female  Total | 3.65 (1.47)  3.57 (1.35)  3.63 (1.43) | 1481.50, 0.80 |

**†**Mann-Witney U test was applied as the data was non-parametric in nature

**Table 5. Clinical discipline-wise comparison on response to various domains of the questionnaire**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | **Med† (M)**  **(n=44)**  **mean (SD)** | **Surg.† (S)**  **(n=34)**  **mean (SD)** | **Oth. clin.† (OC) (n=32)**  **Mean (SD)** | **Non-clin.† (NC)(n=10)**  **mean (SD)** | **Kruskal-Wallis test**  **Chi-sq.**  **(**χ2[df]=value)(p-) | **Post-hoc analysis (Kruskal-Wallis test) ††** |
| Factor 1  (Ethical issue arising out of resource constrain) | 3.62 (0.90) | 4.12 (0.67) | 3.34 (0.89) | 3.10(1.44) | **14.38 (0.002)\*** | **S/OC:**  **31.37 (0.001)\*** |
| Factor 2  (Ethical issues arising in not involving family in decision making) | 2.79 (0.91) | 2.91 (0.82) | 2.68 (0.79) | 2.85 (0.66) | 2.98 (0.39) | NS |
| Factor 3  (Right of the patients and responsibility of health care provider) | 2.06 (0.81) | 1.83 (0.84) | 2.30 (1.03) | 2.30 (0.82) | 4.60 (1.98) | NS |
| Factor 4  (responsibility of health care provider) | 4.59 (0.69) | 4.64( 0.81) | 4.47 (0.95) | 5.00 (0.00) | 4.09 (0.25) | NS |
| Factor 5  (Consent related) | 3.02 (1.53) | 2.70 (1.56) | 3.43 (1.62) | 3.10 (1.44) | 4.33 (0.22) | NS |
| Factor 6  (Confidentiality) | 3.36 (1.39) | 3.88 (1.36) | 3.81(1.46) | 3.80 (1.49) | 3.86 (0.27) | NS |

**† Med: medical discipline, Surg.: Surgical discipline, OC: other clinical discipline (**psychiatry, anesthesia, radiology etc.**), NC: non-clinical discipline (**forensic medicine**). ††:** Kruskal-Wallis test was applied as the data was non-parametric, df (degree of freedom) =3 in the current analysis