**Application for IRB/ERC Ethical Clearance**

*(This form is adapted from the template used by the Bangladesh Medical Research Council.)*

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| --- | --- |
| **Ethics Research Review Code: 2021/OR-NSU/IRB/** |  |

|  |  |
| --- | --- |
| **School SRC/CTRG Review Code:** | NonCTRG-21-18 |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Type of Application:** | ☑ | New |  | Resubmission |  | Renewal |
|  |
| **Project/ Fund:** |  | CTRG |  | Non-CTRG or External |  | Student Project (Thesis) |

**Principal Investigator:**

|  |  |
| --- | --- |
| Name: | Dr. Mohammad Delwer Hossain Hawlader |
| Educational Qualifications: | MBBS , MPH , PhD |
| Institutional Affiliation: | Associate Professor, Dept. of Public Health,  North South University |
| PABX Extension: |  |
| Email: | mohammad.hawlader@northsouth.edu |
| Mobile No.: | +88 01747439378 |

**Co-Investigator:**

|  |  |  |
| --- | --- | --- |
| Name: | Dr. Rifat Ara | Dr. Tashnova Jahan Nova |
| Educational Qualifications: | MBBS | MBBS |
| Institutional Affiliation: | MPH student | MPH student |
| PABX Extension: |  |  |
| Email: | rifat.ara@northsouth.edu | tashnova.nova@northsouth.edu |
| Mobile No.: | +8801716522447 | +8801747724237 |

**Place where the research/study will be conducted:** Convenient eight Upazila Health Complexes from eight divisions (Dhaka, Mymensingh, Sylhet, Rajshahi, Khulna, Rangpur, Barishal, Chattogram) of Bangladesh.

**Title of Study/Research Proposal:**

|  |
| --- |
| Infection Prevention and Control Compliance among the Healthcare Providers of Bangladesh during COVID-19: A Knowledge, Attitude, and Practice (KAP) Based Survey in Primary Healthcare Facilities |

**Type of Research/Study:**

|  |
| --- |
| Cross-sectional Study |

**Duration of Study:**

|  |
| --- |
| Six months |

**Total Grant Fund for the Research:**

|  |
| --- |
| N/A |

**Name of Funding Agency:**

|  |
| --- |
|  |

Check the appropriate answer for each of the following in the case of **Human Subjects Research:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Query** | **YES** | **NO** | **N/A** |
| **1. Source of Population Being Studied** |  |  |  |
| Illiterate Participant | √ |  |  |
| Non-Illiterate Participant | √ |  |  |
| Minors or persons under guardianship |  | √ |  |
| **2. Risks to Subjects** |  |  |  |
| The study involves physical risks to the subjects |  | √ |  |
| The study involves social risks to the subjects |  | √ |  |
| The study involves psychological risks to the subjects |  | √ |  |
| The study involves discomfort to the subjects |  | √ |  |
| The study involves invasion of the body |  | √ |  |
| The study involves an experimental drug or device [if yes, answer for each of the following]:   1. The experimental drug or device has a registration status for open sale in Bangladesh or other country 2. If not registered in Bangladesh, does the attached protocol provide full information about toxicity studies carried out in animal models or human volunteers. 3. If placebo is to be used, its use is justified and explanation is provided in the attached protocol as to why the study cannot be done without placebo |  | √ |  |
| The study involves invasion of privacy |  | √ |  |
| The study discloses information damaging to subjects or others |  | √ |  |
| The study involves interview, in which case the attached protocol provides information and explanation about the context of the interview, length of time required, etc. | √ |  |  |
| **3. Use of Records, Organs, and Fluids** |  |  |  |
| The study involves use of hospital, medical, death, birth, or other records |  | √ |  |
| The study involves use of fetal tissue or abortus |  | √ |  |
| The study involves the use of organs or body fluids |  | √ |  |
| **4. Informed Consent** |  |  |  |
| Are the subjects to be clearly informed about the nature and purposes of the study? | √ |  |  |
| Are the subjects to be clearly informed about procedures to be followed, including alternatives to be used? | √ |  |  |
| Are the subjects to be clearly informed about physical risks? |  |  | √ |
| Are the subjects to be clearly informed about questions affecting privacy? | √ |  |  |
| Are the subjects to be clearly informed about procedures involving invasion of the body? |  |  | √ |
| Are the subjects to be clearly informed about the benefits, direct or indirect, to be derived from the study? | √ |  |  |
| Are the subjects to be clearly informed about their right to refuse to participate and to withdraw from the study without penalty? | √ |  |  |
| Are the subjects to be clearly informed about how data will be handled confidentially? | √ |  |  |
| Are the subjects to be clearly informed about compensation where there are risks, or loss of working time, or privacy is involved in any particular procedure? | √ |  |  |
| **5. Will signed consent form/verbal consent be required?** |  |  |  |
| -- from subjects? | √ |  |  |
| -- from parent or guardian (if subjects are minors/not of legal age for consent)? |  |  | √ |
| **6. Will precautions be taken to protect anonymity of subjects?** | √ |  |  |

We, the undersigned, agree to obtain approval of the proposed research identified in this application for ethical clearance and for any changes to the research protocol involving the rights and welfare of research subjects as well as prior approval of any changes of the research methods before undertaking any such changes in the research protocol. *[Include signatures from all PIs and all Co-Investigators]*

PI: Dr. Mohammad Delwer Hossain Hawlader C:\Users\Delwer\Desktop\CV\Signature.pngDate: 13 October, 2021

Co-Investigator (1): \_Dr. Rifat Ara  Date: 13 October, 2021

Co-Investigator (2): \_Dr. Tashnova Jahan Nova  Date: 13 October, 2021

**Guidelines**

* A training on **Informed Consent is mandatory** and a copy of certificate (minimum 80% marks required) needs to be submitted. An online short training on informed consent link is: <https://globalhealthtrainingcentre.tghn.org/introduction-informed-consent/>

Training on research ethics is also strongly recommended with completion of module quizzes in progress. An online training link on research ethics is:

<https://globalhealthtrainingcentre.tghn.org/elearning/research-ethics/>

* Provide a hard copy of the entire proposal, including this completed form, and send electronic PDF file of the entire set of documents to:

[mostafizur.rahman09@northsouth.edu](mailto:mostafizur.rahman09@northsouth.edu) (Ext: 6465), CC to [dipak.mitra@northsouth.edu](mailto:dipak.mitra@northsouth.edu)

**For IRB review the following documents are required**

1. **Application for IRB/ERC ethical clearance**

[In addition to this completed form, please provide in appendix attached hereto the complete protocol description and supporting materials, being sure to elaborate as appropriate on all of the components 1-6 listed above.]

1. **Abstract summary**

[Attach an abstract summary with this application. The abstract summary should not exceed 300 words.]

1. **Full research proposal**

[School SRC approved/revised research proposal]

1. **Informed consent form – English**
2. **Informed consent form – Bengali** (if applicable)
3. **Questionnaire**

[When applicable in the given research methods in use, associated questionnaires that solicit information through survey of human participants.]

1. **Research Ethics Certificate**

[Informed consent certificate (or other current certification such as CITI or PRIM&R) is mandatory]