

# EMRO SUPPORTED RESEARCH IN PRIORITY AREAS OF PUBLIC HEALTH GRANT PROGRESS REPORT

## SECTION A. GENERAL INFORMATION

1. First Progress Report on “Abuse and its association with school grades and mental health, in adolescent students of district Peshawar: A Cross-Sectional Survey”.
2. Principle Investigator: Dr. Muhammad Naseem Khan
3. Country: Pakistan
4. TSA reference number: 2017/719467-0
5. Reporting period: 15<sup>th</sup> May till 31<sup>st</sup> July 2017
6. Objectives of the research proposal: The objectives of the research grant agreed in the TSA are the following.

**General objective:** The overall aim of the current research is to determine the burden of abuse and it's associations with school performance and common mental health issues in adolescents of district Peshawar.

### **Specific objectives:**

- To determine the prevalence of parental abuse in school going adolescents in Peshawar.
- To determine common mental health issues specifically anxiety, and depression in school going adolescents in Peshawar.
- To study the association of abuse with the school grades of the school going adolescents.
- To study the association of abuse with common mental health issues of the school going adolescents.
- To study other socio-demographic risk factors of school going adolescents.

## SECTION B. TECHNICAL REPORT

During the reporting period i.e. 15<sup>th</sup> May till 31<sup>st</sup> July 2017 the following has been achieved:

- Finalization of the research procedures: The research team led by the PI, finalized all the documents pertaining to the study i.e. consent and information sheets, questionnaire and approval from the university ethics and research proposal approval board. The research team held meeting with the administration of the sampled schools and obtained approval for the study in the schools.

- Recruitment and training of research team: A local team was recruited with experience of data collection and research in the past. The team was trained on ethical conduct of research in the field through a two days training schedule after recruitment of the team. Each item of the questionnaire was discussed and elaborated in detail in the training. Role plays and discussion continued in the training.
- Data collection, entry and analysis: The data collection team has started data collection and have completed data of 208 students till date. The team has entered the collected data and have analyzed.
- Preliminary Results: The main findings from the preliminary data suggests that physical abuse is more in the government schools (58.6%) compared to the private schools (45.7%) in the study area. From this study physical violence was found to be 43.99% among the adolescents of Peshawar. Overall abuse in schools was found to be 47.91%, which is higher compared to abuse at homes (32.69%). Bullying is also a problem among school going adolescents in Peshawar (36.50 %) however it is lower compared to Lahore and Karachi (41%). Results regarding parenting styles were encouraging as 50% of parents had an optimal parenting style, only 25% of students reported a neglectful parenting in this study. Results regarding parental education were discouraging as 79% of children responded that their mothers were uneducated, while 49% of the fathers were uneducated. The results of the study showed that out of the students who were abused 18.0% felt lonely, 25% had insomnia and 35% felt anxious. It also showed that of the students who were abused 54% scored B grades or less.
- Some of the tables extracted from the data are annexed with this report.
- Problems and Issues: The main issue encountered during the conduct of research was the timing. As we started our field research activities schools were about to close for summer vacations. Therefore we couldn't completed data collection in the stipulated time and are now waiting to resume from 1<sup>st</sup> September after schools restarts.
- Future plan of action: When schools resumes in September, we anticipate to finish data collection in a month time and will then focus on data analysis, report writing and dissemination of the research findings to researchers and academicians across the province.

## SECTION C. FINANCIAL REPORT

### 11. Financial Expenditure Update:

We recommend the following simple format for reporting on financial matters during the submission of the progress report.

Budget Breakdown Items	Total Allocated (Amount in TSA)	Total Amount Received	Total Amount Spent
- Personnel	2,500		
- Materials & Supplies	800	800	800
- Equipment	800		
- Local travel	800	400	400
- Field work	3,500	1,550	1,550
- Training	800		
- Dissemination of results	1,300		
- Others (please explain)	500		
<b>Total (\$)</b>	<b>11,000</b>	<b>2,750</b>	<b>2,750</b>

Dr. Muhammad Naseem Khan  
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Signature:

Principle investigator

(Name) Muhammad Naseem Khan

Finance officer of the institute

(Name)

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Date of submission of Report:

28/08/2017