

TMSS Medical College Journal (TMCJ)

Volume 18, No. 01, January 2022

Contents

Editorial

- Challenges of Conducting Quality Research 5-6
Prof. Dr. Moudud Hossain Alamgir

Original Article

- Hypertension in Pregnancy Affects the Placental Weight and Fetal Outcome 7-11
Dr. Afsana Khanam, Dr. Selina Anwar, Dr. Nahida Nazmun Nahar Akand, Dr. Happy Roy, Dr. Rawshon Ara Najnin.
- Study on Management Adherence of Parents of Thalassemia Patient 13-19
Dr. ASM Selim, Dr. Habiba Tun Nesa, Dr. Rabeya Khatun.
- Rationale of Day Care Blood Transfusion Services: Recent Trends in Transfusion Medicine 21-25
Dr. Md. Abdullah- Al- Masud, Dr. Shuvra Podder, Dr. Nahida Anwar Poly, Dr. Mostofa Ahmed Doha, Dr. Brindaban Biswas, Dr. M.A. Gafur Mondal.
- Effects of Green Tea Consumption on Serum Lipid Pattern in Women 27-32
Dr. Sabira Tabassum, Dr. Qazi Shamima Akhter, Dr. Sharmin Khan, Dr. Gazi Md. Ruhul Quddus, Dr. Farhana Rahman, Dr. Shehrina Nazmin.

Case Report

- Eosinophilic Ulcer of Tongue: A Case Report 33-35
Dr. Dipan Kumar Sarker, Dr. Ronjon Kumer Nath
- Rheumatic Fever with Concomitant Acute Post Streptococcal Glomerulonephritis in a Child: An Unusual Coincidence. 37-40
Dr. Samia Chharra, Dr. Saira Khan, Dr. Abdus Shukur.



An Official Publication of TMSS Medical College



TMSS Medical College Journal (TMCJ)

January 2022

An Official Publication
of
TMSS Medical College, Bogura, Bangladesh

TMSS Medical College Journal (TMCJ)

Vol. 18, No. 1, January 2022

An Official Publication of TMSS Medical College, Bogura, Bangladesh

Editorial Board

Chairperson : Prof. Dr. Md. Shahjahan Ali Sarker
Editor-in-Chief : Prof. Dr. A.K.M Ahsan Habib
Associate Editor : Dr. Md. Abdul Mazid
Advisory Editor : Prof. Dr. Moudud Hossain Alamgir
Managing Editor : Dr. Md. Matiur Rahman

Members

Brig Gen Dr. Md. Jamilur Rahaman(Retd)
Prof. Dr. Md. Shahjahan Ali
Prof. Dr. Md. Akram Hossain
Prof. Dr. Md. Kamrul Ahsan
Professor Dr. Hafiza Arzuman
Prof. Dr. Md. Azfarul Habib
Prof. Dr. Md. Rafiqul Islam
Prof. Dr. Md. Rezaul Islam
Prof. Dr. Md. Zakir Hossain
Prof. Dr. Md. Anup Rahman Chowdhury
Prof. Dr. Nur-A-Farhana Islam
Prof. Dr. Md. Sheik Abdul Muktaf
Dr. Md. Amirul Islam

Advisory Board

Prof. Dr. Hosne-Ara Begum
Prof. Dr. M. Afzal Hossain
Prof. Dr. A.K.M. Ahsan Habib
Prof. Dr. Md. Rezaul Alam
Prof. Dr. Jawadul Haque
Shahzadi Begum

The TMSS Medical College Journal is published two times a year (January and July). It accepts original articles, review articles and case reports. While every effort is always made by the Editorial Board and the members of the Journal Committee to avoid inaccurate or misleading information appearing in the TMSS Medical College Journal, information within the individual article are the responsibility of its author(s). The TMSS Medical College Journal, its Editorial Board and Journal Committee accept no liability whatsoever for the consequences of any such inaccurate and misleading information, opinion or statement.

Printed by

TMSS Printing Press
Bogura, Bangladesh
e-mail: tmssprintingpress@gmail.com

Address of Correspondence

Executive Editor, TMSS Medical College Journal, TMSS Medical College
Rangpur Road, Thengamara, Bogura, Bangladesh.
Phone: 051-61830, Fax : 051-61830
e-mail: editortmcjournal@gmail.com, Web: www.tmssmedicalcollege.com

Editorial**Challenges of Conducting Quality Research**

Professor Dr. Moudud Hossain Alamgir

It is often a very commonly asked question that why we cannot conduct Quality Medical research in Bangladesh. A country having a population of more than 180 million and widespread Medical Institutes including primary, secondary and tertiary health institutions throughout the country along with huge number of patients entry both at outpatient and indoor settings. Diversity of the disease profile is also a very positive research variable which covers every aspect of Medical Science. Another interesting point to be mentioned that, there is very little restrictions on accessing the patient. Responders and the subjects are very cooperative. Despite having all this facilities the number of quality research works is lacking.

Several studies has been conducted to explore the challenges and difficulties the medical professionals are facing while conducting quality Medical Research. There are some very interesting findings in those Publications. The common observations are- difficulties in study design, lack of good understanding about research methodology, inadequate statistical knowledge. Another interesting finding was that most of the published papers are on qualitative questions. So obviously whose research work had questionable qualities and most of the studies was lacking in validity and reliability. Another interesting observation was even after the research was completed ,the final outcome of publishing those research articles in journals was surprisingly very less.

Research works based on qualitative data are not a very good choice for any international journal for Publication. One very essential component of quality research is utmost sincerity but unfortunately most the

studies conducted here are based on the authors personal job need. Most of our clinicians think that they are overworked with their clinical activities and they have hardly enough time to conduct research. Most of the postgraduate students conduct their researches only for the purpose of examination. Although having a rich field for conducting Medical Research with all potential components that it needs we are failing to produce quality search activities but interestingly the pictures around our country is little different, Simply based on efficient record keeping system some centres are conducting quality research activities and producing numbers of quality research papers every day. Sometimes it is told that if we make it obligatory to publish at least a fixed number of papers in journal or conduct certain number of research for a faculty for continuation of his teaching position to be evaluated based on those. But perhaps it is not a genuine solution to address such a serious issue.

Research initiatives should come from someone's bottom of the heart. It cannot be produced by an order. We have tried many ways to improve this situations but the outcome is better but perhaps is not the best. Research funding is not a problem here but perhaps we have missed one important point which could change the scenario to some extent is 'encouragement'. If someone feels that he is capable of conducting quality research, may be the whole situation will be changed.

Another misperception about quality of research is prevailing in some of our minds, as we are lacking in state of the art Biomolecular laboratories and our understanding about Genetics are mostly theoretical. It

is beyond our scope to generate quality studies compatible with contemporary world. But we often forget that what the western world is lacking is the diversity of human factors where our resources are rich. A successful collaborative research could easily be designed and an effective avenue of bilateral collaboration and exchange of intellectual properties could easily be established.

Conducting research is a passion and only a true lover

of research can be a good producer of quality research work. A package of encouragement and building self-confidence will help someone to develop quality research questions, which is the basic of a research design, together with some knowledge on research methodology. Finally changing the mindset from traditional qualitative research question to a more specific one will definitely bring visible changes in a shortest possible time.

Professor Dr. Moudud Hossain Alamgir

Professor of Surgery, TMSS Medical College &
Executive Consultant, TMSS, Bangladesh.