# **INDEX**

# The Insight

(A Peer-review Journal)
A Journal dedicated to medical science

	\/ala	Ni-mah 04	1	2025
	Volume - 08	Number - 01	January – March	2025
СО	NTENTS			
<u>EDI</u>	<u>TORIAL</u>			
1	Dilemma in Dengue fever and Chikungunya diagnosis and treatment - an editorial H N Sarker		1	
<u>ORI</u>	GINAL ARTICLE			
2	Presentation of Arrhyth A Cross-Sectional Stud Ayesha Samdani, Abu Fais	-Hour Holter Monitoring ar nmia in Adults with Type 2 ly of 100 Cases al Md Ariful Islam, Jubaidul Isla anodhir Chakraborty, Arif Mahm	Diabetes Mellitus — m, Ishita Mou,	3
3	Lipo-abdominoplasty in	Outcome following Ventra n Bangladesh Talukder AGM Zakaria Nazimu		9
4	Magnesium Levels with Tertiary Care Setting	ic Status, Serum Potassium Arrhythmia in Type 2 Dial al Md Ariful Islam, Jubaidul Isla Dilruba Alam	betes Mellitus at a	15
5	External Fixator	<b>Tibial Plateau Fracture Tre</b> ah, Ram Krishna Karmakar, Sar		20
6	Acne Vulgaris — A Cro	Rashid Shumi, Rabeya Afrose S		25
7	and ESR Levels	ecystitis Severity Using C-I		31

8	Characterization of Cervical Lymph Node Metastasis in Oropharyngeal Squamous Cell Carcinoma — Patterns and Implications for Treatment Planning Hasnat Anwar, Nanda Kishore Sinha, Ascif Al Mahady, Lutfor Rahaman, Sha Sakender, Shamima Shanta	36
9	Clinical Characteristics and Distribution of Amblyopia Among Children — A Hospital-Based Study in Sylhet Shamima Shanta, Hasnat Anwar, Sabiha Afroz, Tawfique Enayeth Tanim, Khadiza Mahmuda, Paritush Kanti Talukder	42
10	Outcome of Rubber Band Ligation in Treatment of Hemorrhoids — Study of 50 Cases Mina Ahmed, Shagorika Sharmeen, A K M Harun-Ar-Rashid, Tamanna Rahman Shanta	46
11	Functional and Radiological Outcomes Following Posterior Lumbar Interbody Fusion with Cage and Decompression in Lumbar Canal Stenosis Abul Kalam Azad, Mohammad Atiqur Rahman, Shamsul Alam, Saklayen Hossain, Muhammad Sayeed Mahmud	53
12	Cervical Spine Trauma — Evidence-Based Approaches to Immobilization and Early Orthopaedic Intervention  Mohammad Atiqur Rahman, Abul Kalam Azad, Shamsul Alam, Rasel-Al-Zilane	57
13	A Cadaveric Study on Age- and Sex-Related Variations in the Gross Dimensions and Weight of the Human Urinary Bladder Mahmuda Khatoon, Mohammad Kamruzzaman Mazumder, Sheuli Akter, Mahmuda Sultana, Rawshon Ara Naznin	63
14	Prevalence of Hyperglycaemia among the Nondiabetic Patients with Acute Ischaemic and Haemorrhagic Stroke Admitted in a Tertiary Care Hospital Mizanur Rahman, Habibur Rahman, Kawser Hamid, Safikul Islam, Khairuzzaman, Rifat Chowdhury	68
15	Clinicopathological Correlation in Laryngeal Carcinoma — An Analysis of Demographics, Symptoms, and Histological Patterns Nazmul Islam, Monjure Khoda Md Doulatullah, Shariful Islam, Mohammad Nazrul Islam, Sharfuddin Mahmud, Mizanur Rahman, G M Faruquzzaman	74
16	Triggering Factors in Frequent Relapse Nephrotic Syndrome in Children and Their Association with Treatment Outcome Saiful Arefin, Ranjit Ranjan Roy, Abu Bakar Siddique, A K M Shamsul Alam, Tanjila Akter	81
17	Surgical Management of Elongated Styloid Process: Outcomes in Eagle's Syndrome Patients  Ashik Ikbal, Muhammad Mahmudul Haque, Khaled Shahrear	85

18	Comparative Analysis of Demographics, Risk Factors, and Procedural Outcomes in Combo Versus Conventional 6Fr Technique for Transradial PCI Mamunur Rahman, Mir Jamal Uddin, Abdul Momen, Tasnoma Siddiquee, Ahasanul Haque Razib, Mohammad Ataullah, Mohammad Abdul Gaffar, Afjal Hossain	90
19	Short-Term Functional Outcomes of Total Hip Replacement in Patients with Osteoarthritis — A Prospective Study Lahaj Uddin, Ferdous Talukdar Ripon, Molla Mizanur Rahman Kallol, Liton Chandra Dey, Hossain Imam Tuhin	95
20	Electrocardiographic Markers as Predictors of Pulmonary Arterial Hypertension in Children with Acyanotic CHD Mahafuja Mortuja Aktar, Tariqul Islam, Mohammad Shakhawat Alam, Khondoker Md Ferdoush Siraj, Nisha Mortuja Aktar, Nazm-Us-Sakib, Shirin Akter	100
21	Functional Outcomes of Displaced Midshaft Clavicular Fractures — A Comparison of Plate Fixation and Non-operative Treatment Mahmudur Rahman, Chandan Kumar Das, Mizanur Rahman Chowdhury, Mohammad Abdul Hye, Jamal Uddin, Khaled Ibney Anwar, Moshiur Rahman, Heba Hoque	106
22	Clinical Outcomes of Homeo pathic Constitutional Treatment Addedto Long-Term Allopathic Therapy in Parkinson's Disease and Bone Degeneration - Cross-Validation of the Veredas Protocol Isabel Oliveira Horta, Pedro Schettini	112
23	Role of Procalcitonin and C-reactive Protein as Biomarkers for Early Detection of Neonatal Sepsis  Atiqul Islam, Sheuly Begum, Mirza Md Ziaul Islam, Jafor Iqbal, Tanushri Saha	122
24	Megaprosthesis Reconstruction of Distal Femur-Our Experience at District Level Tertiary Care Hospital and Clinics Chitta Ranjan Roy, P K Das, Ismail Hossain, G A Munir	126
25	Clinical Profile and Outcome of Dengue for Current Scenario, Khulna, Bangladesh Pritish Tarafder, Ashiq Iqbal, Mousumi Mondal, Zahirul Huq, Nazmul Kabir	133
26	Clinical and Etiological Patterns of Urinary Tract Infections in Children Mohammed Jafar Iqbal, Mirza Md Ziaul Islam, Mohammad Atiqul Islam, Tanusree Sen, Baishaki Modak,Kinkar Ghosh	138
27	Clinical Characteristics and Outcomes in Pediatric Patients atoutdoor Experiences with Measles Mohammed Jafar Iqbal, Mirza Md Ziaul Islam, Mohammad Atiqul Islam, Tanusree Sen, Baishaki Modak,Kinkar Ghosh	143

28	Estimation of Serum Troponin-I in ST Elevated MI Patient and Prediction of their in-Hospital Outcome  Khairuzzaman, Ahsanul Hoque, Nasir Uddin, Mizanur Rahman, Shariful Alam, Mostafa Arif	148
29	Association of Use of Drugs with Bone Mineral Density in Postmenopausal Women with Diabetes Mellitus Abu Taher, Daharul Islam, Jahedul Islam, Khairuzzaman	153
30	Reconstruction Techniques Following Resection of Auricular Skin Cancers - A Comparative Analysis Muhammad Mahmudul Haque, Khaled Shahrear, Ashik Ikbal	158
31	Pediatric Acute Glomerulonephritis: Correlation of Clinical Presentation with early complications and histopathology Jannatul Ferdous Sonia, Fahmeda Akhter, Afroza Islam, Mohammad Abu Hasnat, Shireen Afroz	164
32	Cervical Cancer Awareness among Women Visiting a Tertiary Care Hospital in Bangladesh Shahida Akter, Tanjina Sharifa, Sher Mostafa Sadiq Khan, S M Zahid Hassan Arefin	172
33	A Comparative Study of Complication Rates of Total Thyroidectomyand Hemithyroidectomy in the Treatment of Papillary Thyroid Carcinoma Afroza Suraya Majumder, Faizah Kabir, Monira Yeasmin, Kazi Mohammad Faruque	179
34	Discovering the missense variant allele in rs7041 of GC gene amongindividuals with low serum vitamin D Ridwana Rahman, Imtiaz Pervez	184
35	Association of Serum Uric Acid with the Degree of Severity andPrognostic Outcomes in Patients with Acute Exacerbation of COPD  Jahedul Islam, Abu Taher, Mohammed Ghias Uddin, Mohammad Monirul Islam, Mohiuddin HumayunKabir Chowdhury	191
36	Therapeutic Role of Danazol in Scar Endometriosis - Evidence froma Favorable Clinical Outcome Shamsun Nahar Shapna, Sakti Das, Shahida Akter, Mojibor Rahman Khan	197
37	Clinical Profile and Outcomes of Patients with Bacterial Meningitisin a Tertiary Care Centre Mahabubur Rahman, Suvash Chandra Vadury, Mohammad Masudur Rahman, Probir Kumar Banerjee, Pallab Kanti Saha	203

38	Prevalence of Prediabetes among Subjects with First Ever Acute	211
	Stroke Mohi Uddin, Hasina Sultana, Mohammad Lokman Hakim, Rabiul Awal, Muhammad Asif Iqbal, BellalHossain, Sharmin Sultana, Sajeda Islam, Abdul Awal, Mohammad Abdul Kadir	
39	Prevalence and Severity of Carotid Artery Stenosis in High RiskElderly Patients - A Doppler Ultrasonography Study Mohammad Abdul Kadir, Jannatul Ferdause, Bellal Hossain, Bodrul Alam, Mohi Uddin, Muhammad Asiflqbal, Sharmin Sultana, Mohammad Lokman Hakim, Rabiul Awal, Abdul Awal	217
40	A Study on the Clinical Presentation of Stroke Subtypes among Hypertensive Patients in a Tertiary Care Setting Mohammad Lokman Hakim, Farzana Afrin, Mohi Uddin, Rabiul Awal, Muhammad Asif Iqbal, BellalHossain, Sharmin Sultana, Sajeda Islam, Abdul Awal, Mohammad Abdul Kadir	222
41	Clinical Profile and Associated Risk Factors of Urinary TractInfections in Patients at a Tertiary Care Hospital Muhammad Asif Iqbal, Mohi Uddin, Rabiul Awal, Mohammad Lokman Hakim, Bellal Hossain, SharminSultana, A F M Mahbubul Alam, Bodrul Alam, Abdul Awal, Mohammad Abdul Kadir	228
42	The Prevalence of Thrombocytopenia in Chronic Liver Disease Dueto Hepatitis B and C Infection Rabiul Awal, Nousin Taslima Ferdous, Mohammad Lokman Hakim, Mohi Uddin, Muhammad Asif Iqbal, Bellal Hossain, Sharmin Sultana, A F M Mahbubul Alam, Abdul Awal, Mohammad Abdul Kadir	233

# **JOURNAL COMMITTEE**

# The Insight

# (A Peer-review Journal)

A Journal dedicated to medical science

Volume - 08	Number - 01	January – March 2025
-------------	-------------	----------------------

**Chairperson** Prof. Dr. Amal Chandra Paul

Chief Editor Prof. Dr. H N Sarker

Co-Editor Dr. Suvash Chandra Vadury

Dr. Ashraf Uddin Chowdhury

Dr. Md. Abdus sattar

Dr. Mohammad Emdadul Hoque Miah

Dr. Probir Kumar Banerjee

Dr. Rina Rani Shaha

Dr. Shah Sayeed Mohammad Igbal Huda

Dr. Mahmuda Ferdous

Dr. Ali Noor

International

**Editor** 

Dr. R Somasekar, Professor, Department of Pediatrics, Sree

Balaji Medical College and Hospital, Chrompet, Chennai 44.

**Treasurer** Dr. Mahabubur Rahman

**Advisory Board** 

Prof. Dr. Ranjit Sen chowdhury

Prof. Dr. Ali Mansur Mohammad

Prof. Dr. Nazneen Begum

Prof. Dr. Golam Morsed Mollah Prof. Dr. Anup Kumar Mazumder

Dr. Ashraf Uddin Khan

Dr. Md. Zahir Uddin

Dr. Abdul Karim Miah

Dr. Noor-E-Jannat Tanvi

# INSTRUCTION TO AUTHORS

#### A. Introduction:

The Insight is the official journal of Gopalganj Medical College, Gopalganj and accepts articles for publication from home and abroad. This is a quarterly journal and aims to publish work of the highest quality from all branches of medical science. The aim of the publication is to promote research in Bangladesh and serves as a media for dissemination of scientific information and recent knowledge among the readers.

# **B.** Categories of Articles:

The journal accepts original research, review articles and case reports for publication.

# **Original Research:**

Original, in-depth research article that represents new and significant contributions to medical science will be accepted. Each manuscript should be accompanied by a structured abstract of up to 250 words using the following headings: Objective, Methods and Materials, Results, Conclusions and Key words. Three to five keywords to facilitate indexing should be provided in alphabetical order below the abstract. The text should be arranged in sections on INTRODUCTION, METHODS and MATERIALS, RESULTS and DISCUSSION. The typical text length for such contributions is up to 4000 words (including title page, abstract, tables, figures, acknowledgments and key messages). Number of references should be limited to 30.

### **Review Articles:**

Review articles will be considered for publication on merit basis. Following types of review articles can be submitted under this category: newer drugs, new technologies, new management and review of a current concept. The manuscript should not exceed 2500 words (including tables and figures). A review article should include an abstract of up to 200 words describing the need and purpose of review, methods used for locating, selecting, extracting and synthesizing data, and main conclusions. The number of references should be limited to 35.

## **Case Reports:**

Only case reports of exceptional quality will be published in the case report format. A case report should have a brief abstract of about 150 words. The text should not exceed 1500 words and is arranged as introduction, case report and discussion. Number of tables/figures should be

limited to 3. Reference should include up to 10 most recent references of 3 years including current year. The written consent of patient or of the legal guardian for publication must be obtained.

# C. Criteria for Acceptance:

All manuscripts should meet the following criteria: the material is original, study methods are appropriate, data are sound, conclusions are reasonable and supported by the data, and the information is important; the topic has general medical interest; and that the article is written in reasonably good English. Manuscripts which do not follow the guidelines of Journal "The Insight" are likely to be sent back to authors. All accepted manuscripts are subject to editorial modifications to suit the language and style of "The Insight" Journal and suggestions may be made to the authors by the Editorial Board to improve the scientific value of the journal.

#### D. Editorial Process:

The Insight Journal commits to high ethical and scientific standards. Submitted manuscripts are considered with the understanding that they have not been published previously in print or electronic format (except in abstract or poster form) and are not under consideration by another publication or electronic medium. Statements and opinions expressed in the articles published in the Journal are those of the authors and not necessarily of the Editor. Neither the Editor nor the Publisher guarantees, warrants, or endorses any product or service advertised in the Journal. All manuscripts appropriately submitted to the editor in chief of "The insight" Journal are first reviewed by the Editors. Manuscripts are evaluated according to their scientific merit, originality, validity of the material presented and readability. Some manuscripts are returned back to the authors at this stage if the paper is deemed inappropriate for publication in the "The Insight" Journal, if the paper does not meet the submission requirements, or if the paper is not deemed to have a sufficiently high priority. All papers considered suitable by the Editors for progress further in the review process, undergo peer review by at least two reviewers. If there is any gross discrepancy between the comments of two reviewers, it is sent to a third reviewer. Peer reviewers' identities are kept confidential; authors' identities are also not disclosed to the reviewers. Accepted articles are edited, without altering the meaning, to improve clarity and understanding. Decision about provisional or final acceptance is communicated within 8 weeks.

## E. Cover Letter:

The cover letter should outline the importance and uniqueness of the work. It should include the signed declaration from all authors on:

- 1. Category of manuscript (original research, review article, case report)
- 2. Statement that the material has not been previously published or submitted elsewhere for publication (this restriction does not apply to abstracts published in connection with scientific meetings.)
- 3. Transfer of copyright to the Insight Journal upon the acceptance of the manuscript for publication.
- 4. All authors have reviewed the article and agreed with its contents.
- 5. Information of any conflicts of interest (of any) of the authors.
- 6. Sources of research support, if any, including funding, equipment, and drugs.

The cover letter should also include the mailing address, telephone numbers, and e-mail address of the corresponding author.

# F. Manuscript Preparation:

The manuscripts should comply with the prescribed guidelines. It should be well organized and written in simple and correct English under appropriate headings. The abbreviations and acronyms should be spelled out when they occur first time.

The Introduction should address the subject of the paper. The Methods and Material section should describe in adequate detail the laboratory or study methods followed and state the statistical procedures employed in the research. This section should also identify the ethical guidelines followed by the investigators with regard to the population, patient samples

or animal specimens used. A statement should be made, where applicable, that their study conforms to widely accepted ethical principles guiding human research (such as the Declaration of Helsinki) and also that their study has been approved by a local ethics committee. The Results section should be concise and include pertinent findings and necessary tables and figures. The Discussion should contain conclusions based on the major findings of the study, a review of the

relevant literature, clinical application of the conclusions and future research implications. Following the Discussion, Acknowledgements of important contributors and funding agencies may be given.

# a. Title page information

- Title: Title should be concise and informative. Titles are often used in information-retrieval systems. Avoid abbreviations in title.
- Author names and affiliations: Please clearly indicate the given name (s) and family name (s) of each author and check that names are accurately spelled. Present the authors affiliation and addresses (where the actual work was done) below the names. Indicate all affiliations with a lower case superscript letter immediately after the author's name and in front of the appropriate address. Provide the e-mail address of each author.
- Corresponding author: Clearly indicate who will handle correspondence at all stages of referring and publication, and also post- publication. Ensure that the email address is given and that contact details are kept up to date by the corresponding author.

#### b. Abstract:

A concise and factual abstract is required. The abstract should state briefly the purpose of the research, the principal results and major conclusions. An abstract is often presented separately from the article, so it must be able to stand alone. References should be avoided. Also, non-standard or uncommon abbreviations should be avoided, but if essential they must be defined at their first mention in the abstract itself.

#### c. Keywords:

Immediately after the abstract, provide a maximum of 5 keywords. Keywords should be the listed terms in the Medical Subject's Headings (MeSH) of the National Library of Medicine (NLM), available at https://www.nlm.nih.gov/mesh.

# d. Abbreviations:

Abbreviations must be defined within the bracket at their first mention area. Ensure consistency of abbreviations throughout the article.

# e. Acknowledgements:

Collate acknowledgements in a separate section at the end of the article before the references. List here those individuals who provided help during the research (e.g. providing language help, writing assistance or proof reading the article, etc.).

## f. Units:

Follow internationally accepted rules and conventions: use the international system of units (SI). If other units are mentioned, please give their equivalent in SI. Generic rather than trade names of drugs should be used.

# g. Figures and graphics:

- For graphics, a digital picture of 300 dpi or higher resolution in JPEG format should be submitted.
- Figures should be numbered consecutively according to the order in which they have been first cited in the text, if there is more than 1 figure. Each figure should be cited in the text in Hindu-Arabic numerals.
- Each figure/illustration should be provided with a suitable legend below the figure that includes enough information to permit its interpretation without reference to the text.
- All photomicrographs should indicate the magnification of the prints.
- When symbols, arrows, numbers or letters are used to identify parts of the illustrations, each one should be explained clearly in the legend.

# h. Tables:

Tables should be placed next to the relevant text in the article.

- Number tables consecutively in accordance with their appearance in the text. Each table should be cited in the text in Roman numerals.
- Titles should be brief and a short or abbreviated heading for each column should be given.
- Explanatory matter should be placed in footnotes and not in the heading.
- Abbreviations in each table should be explained in footnotes.
- The data presented in a table should not be repeated in the text or figure.

#### i. References:

References should follow the standards summarized in the NLM's International Committee of Medical Journal Editors (ICMJE). Recommendations for the Conduct, Reporting, Editing and Publication of Scholarly Work in Medical Journals (ICMJE recommendations), available http://www.icmje at: .org/recommendations/. The titles of journals should be abbreviated according to the style used for **MEDLINE** (www. ncbi.nlm.nih.gov/nlmcatalog/journals). Journals that are not indexed should be written in full.

- References should be numbered consecutively in the order in which they are first mentioned in the text.
- References in text, tables and legends should be identified by superscript Hindu-Arabic numerals at the end of the sentence outside any punctuation. If several different studies or papers are cited within one sentence, the number should be placed where it will accurately identify the correct study.
- The names of authors in the text should concur with the reference list.
- References cited only in tables or in legends to figures should be numbered in accordance with a sequence established by the first identification in the text of the particular table or illustration.
- In general: All authors/editors should be listed unless the number exceeds six, when you should give six followed by "et al."

Examples of correct forms of references are given below:

Articles in Journals (see also Journal article on the Internet)
Standard journal article- List the first six authors followed by et al. Halpern SD, Ubel PA, Caplan AL. Solid-organ transplantation in HIV-infected patients. N Engl J Med. 2002 Jul 25; 347(4):284-7. More than six authors: Rose ME, Huerbin MB, Melick J, Marion OW, Palmer AM, Schiding JK, et al. Regulation of interstitial excitatory amino acid concentrations after cortical contusion injury. Brain Res. 2002; 935(1-2):40-6.

- 2. Organization as author
  Diabetes Prevention Program Research
  Group. Hypertension, insulin, and proinsulin
  in participants with impaired glucose
  tolerance. Hypertension. 2002; 40(5):679-86.
- 3. Both personal authors and organization as author (List all as they appear in the byline.) Vallancien G, Emberton M, Harving N, van Moorselaar RJ; Alfa-One Study Group. Sexual dysfunction in 1,274 European men suffering from lower urinary tract symptoms. J Urol. 2003; 169(6):2257-61.

# **Books and Other Monographs:**

- Personal author(s) Murray PR, Rosenthal KS, Kobayashi GS, Pfaller MA. Medical microbiology. 4th ed. St. Louis: Mosby; 2002.
- 2. Editor(s), compiler(s) as author Gilstrap LC 3rd, Cunningham FG, VanDorsten JP, editors.Operative obstetrics. 2nd ed. New York: McGrawHill; 2002.
- 3. Organization(s) as author Advanced Life Support Group. Acute medical emergencies: the practical approach.
  London: BMJ Books; 2001. 454 p.
- 4. Chapter in a book Meltzer PS, Kallioniemi A, Trent JM. Chromosome alterations in human solid tumors. In: Vogelstein B, Kinzler KW, editors. The genetic basis of human cancer. New York: McGraw-Hill; 2002. p. 93-113.

# Monograph on the Internet:

Foley KM, Gelband H, editors. Improving palliative care for cancer [Internet]. Washington: National Academy Press; 2001 [cited 2002 Jul 9]. Available from: http://www.nap.edu/books/030907 4029/html/. Homepage/Web site:

Cancer-Pain.org [Internet]. New York: Association of Cancer Online Resources, Inc.; c2000-01 [updated 2002 May 16; cited 2002 Jul 9]. Available from: http://www.cancer-pain.org/.

**G.** Submission Preparation Checklist: As part of the submission process, authors are required to check submission's compliance with all of

the following requirements and submissions may be returned to authors that do not adhere to these guidelines.

- 1. The submission has not been previously published elsewhere, is original and has been written by the stated authors.
- 2. The article is not currently being considered for publication by any other journal and will not be submitted for such review while under review by "The Insight" Journal.
- 3. The submission file is in Microsoft Word file format, and the figures are in JPEG format.
- 4. The text is single-spaced; uses a 12-point font; employs italics, rather than underlining (except with URL addresses); and all illustrations, figures, and tables are placed within the text at the appropriate points, rather than at the end.
- 5. The text adheres to the stylistic and bibliographic requirements outlined in the Instruction to Authors. Make sure that the references have been written according to the ICMJE Recommendations Style.
- 6. Spell and grammar checks have been performed.
- 7. All authors have read the manuscript and agree to publish it.

# H. Submission:

Papers should be submitted to the Editor in chief. Three copies of manuscript should be submitted duly signed by all authors with a copy of CD, to:

#### Prof. Dr. H. N. Sarker

The Editor in chief, The Insight Journal Professor and Head of the department of Medicine Gopalganj Medical College, Gopalganj, Bangladesh.

Papers can also be submitted via the email using the following address: Email: hnsarker@gmail.com