



4th International Scientific Conference 2025

28 November 2025, Friday

Organized by : CMOSHMC Teachers Association

Exploring Newer Horizon Through Multi Disciplinary Research

Program Schedule

Reception and Kits Collection

Venue : Lobby, Chittagong Club Ltd.

Time : 8.00 am - 8.30 am

● Recitation from the Holy Quran

● National Anthem

Welcome Address : **Professor Ashim Kumar Barua**

Plenary Session I

Venue: Hall 1, Time: 8:30 am - 9:30 am

Chairpersons ● Professor Ashim Kumar Barua
Professor Md. Tipu Sultan

Rapporteur ● Dr. Mithila Dey

Speakers	Topics
1. Professor M. A. Hassan Chowdhury	Artificial Intelligence in Healthcare: Transforming the Practice of Medicine
2. Professor Mahmood A. Chowdhury	Autism Spectrum Disorder: A New Understanding and Thoughts
3. Dr. Basher M. Atiquzzaman	Metabolic Dysfunction–Associated Steatohepatitis (MASH): Global Epidemic and Local Challenges in Resource-Limited Settings
4. Professor Md. Jafrul Hannan	Remote Mentoring on Laparoscopy Using Augmented Reality Technology: Bangladesh Experience
Comment by Chairpersons and Bestowal of Token of Appreciation to the Speakers	10 Minutes



4th International Scientific Conference 2025

Exploring Newer Horizon Through Multi Disciplinary Research

Plenary Session II

Venue: Hall 1, Time: 9:31 am - 10:31 am

Chairpersons ● Professor Md. Amir Hossain
Professor Md. Shahidullah Sikder

Rapporteur ● Dr. Fahim Hasan Reza

Speakers	Topics
1. Professor Khondker A K Azad	Professor A S M Fazlul Karim Memorial Lecture Educating the Digital Natives: Challenges and Strategies for Gen Z Medical Students
2. Professor Wazir Ahmed	Use and Misuse of Oxygen Therapy in Neonates
3. Professor Md. Humayun Kabir Talukder	Accreditation of Medical Colleges: An Unavoidable Journey in Bangladesh
4. Professor M. Hasibur Rahman	Uncommon Presentation of Common Skin Diseases in Bangladesh
Comment by Chairpersons and Bestowal of Token of Appreciation to the Speakers	10 Minutes

Plenary Session III

Venue: Hall 1, Time: 10:32 am - 11:32 am

Chairpersons ● Professor Tahmina Banu
Professor Pradip Kumar Dutta

Rapporteur ● Dr. Aysha Mohammad Osman

Speakers	Topics
1. Professor SK Zinnat Ara Nasreen	Professor M A Taher Khan Memorial Lecture Recent Thoughts on Menopause Hormone Therapy (MHT)
2. Professor Md. Mizanur Rahman	Surgical Choice In Breast Cancer: Navigating between Mastectomy and Oncoplasty
3. Professor Md. Abdus Salam	Current Understanding and Clinical Applications of Genomic Studies and Genomic Tests in Prostate Cancer in the Era of 2025
4. Dr. Sandeep Dhavan	Exploring New Horizon through Multidisciplinary Research: Obesity and MAFLD in Bangladesh
Comment by Chairpersons and Bestowal of Token of Appreciation to the Speakers	10 Minutes





4th International Scientific Conference 2025

Exploring Newer Horizon Through Multi Disciplinary Research

Inaugural Session: 11:33 am - 11:44 am

Chief Guest : Professor Omar Faruque Yusuf

Honorable Vice Chancellor, Chittagong Medical University, Chattogram

Plenary Session IV

Venue: Hall 1, Time: 11:45 am - 12:45 pm

Chairpersons ● Professor A S M Mostaque Ahmed
Professor K M Burhan Uddin

Rapporteur ● Dr. Adnan Ibrahim Chowdhury

Speakers	Topics
1. Professor Qamruzzaman Chowdhury	Triple-Negative Breast Cancer: Institutional Experience and Molecular Insights
2. Dr. Paul Mainwaring	Bringing Precision Medicine to Bangladesh
3. Dr. Dodul Mondal	A Radiation Oncologist's Perspective to Radiology
4. Dr. Shafatujjahan	Comparative Analysis of Wild-Type and Mutant p53 in Different Sub-types of Breast Cancer
Comment by Chairpersons and Bestowal of Token of Appreciation to the Speakers	10 Minutes

Prayer and Lunch Break: 1:00 pm - 2:30 pm

Plenary Session V

Venue: Hall 1, Time: 2:30 pm - 3:45 pm

Chairpersons ● Professor Md. Gofranul Hoque
Professor Pravat Chandra Barua

Rapporteur ● Dr. Iffat Chowdhury

Speakers	Topics
1. Professor Md. Abul Faiz	Patient Safety
2. Professor Md. Zillur Rahman	How to Overcome the Problems in the Diagnosis of Lymph Node Pathology?
3. Dr. Sarabon Tahura	Interventional Bronchoscopy in Children: Turning a Dream into Reality
4. Dr. S. M. Anwar Sadat	Research Initiative in Education and Clinical Practice
5. Professor Emran Bin Yunus	Push and Pull of Degeneration and Regeneration of Medical Professionalism
Comment by Chairpersons and Bestowal of Token of Appreciation to the Speakers	10 Minutes





4th International Scientific Conference 2025

Exploring Newer Horizon Through Multi Disciplinary Research

Plenary Session VI

Venue: Hall 1, Time: 3:45 pm - 4:45 pm

Chairpersons ● Professor M. A. Kashem
Professor Sujat Paul

Rapporteur ● Dr. Rajib Pal Chowdhury

Speakers	Topics
1. Professor Rokeya Begum	Endocrine Disorder and Fertility
2. Professor Hossam Arafa Ghazi	Shaping the Future of Parathyroid Intervention: Where Does Ablation Fit ?
3. Professor G. M. Zakir Hossain	Laparoscopic Radical Cystoprostatectomy in Male "3 Window Technique" : Our Experience
4. Professor M. Jalal Uddin	General Expectations of Students from Their Teachers
Comment by Chairpersons and Bestowal of Token of Appreciation to the Speakers	10 Minutes

Free Paper Session I

Venue: Hall 2, Time: 8:30 am - 9:25 am

Chairpersons ● Professor Babul Osman Chowdhury
Professor Kazi Md. Monwarul Karim Babor

Rapporteur ● Dr. Saima Shakila
Dr .Umma Sharia

Speakers	Topics
1. Dr. Ayrin Akther	Upper Pole Access for Percutaneous Nephrolithotomy: Comparison of Supracostal versus Infracostal Approaches
2. Dr. Farida Arjuman	Malignant Melanoma at Unusualsites: An Institutional Experience at NICRH
3. Dr. Naznin Nahar Momin	Diagnostic Accuracy of Frozen Section Compared to Routine Histopathology in Ovarian Neoplasm
4. Dr. Shahnaj Khondoker Nisha	Outcome of Non-Transecting Anastomotic Urethroplasty in Short Segment Non-Traumatic Bulbar Urethral Stricture
5. Dr. Taifa Tasnim Tani	Histopathological Evaluation of Abnormal Uterine Bleeding in a Tertiary Care Hospital
6. Dr. Fatema Emrose Nisha	Preoperative Group and Save in Laparoscopic Cholecystectomy: Questioning Routine Practice
Comment by Chairpersons and Bestowal of Token of Appreciation to the Speakers	12 Minutes





4th International Scientific Conference 2025

Exploring Newer Horizon Through Multi Disciplinary Research

Free Paper Session II

Venue: Hall 2, Time: 9:26 am - 10:21 am

Chairpersons ● Professor Rowshan Morshed
Professor Dr. Basana Muhuri

Rapporteur ● Dr. Sanjida Chowdhury
Dr. Joyeta Biswas

Speakers	Topics
1. Professor Serajun Noor	Ultrasonography and Retained Product of Conception : A Dilemma of Diagnosis and Management
2. Professor Mohammad Abdur Rahim	Patterns of Referral, Demographics and Diagnostic Yield in Musculoskeletal Ultrasound: A Retrospective Study from a Tertiary Medical College Hospital
3. Dr. Md. Mahade Hassan	Genotypic Analysis of Klebsiella Pneumoniae among Patients Admitted in Critical Care Settings in Bangladesh
4. Dr. Aklima Sultana	Evaluation of Surgical Outcomes following Total Laparoscopic Hysterectomy for Benign Gynecological Diseases at a Tertiary Center in Bangladesh
5. Dr. Sumaiya Jeehan Serajuddin	Intradermal Inoculation with Formalin Treated Whole Cell Proteus mirabilis Boosts up Protective Immunity by Enhancing Memory B Cell Response in Swiss Albino Mice
6. Dr. Shahanaj Sharmin	Maternal Near Miss and Maternal Mortality in Tertiary Care Hospital
Comment by Chairpersons and Bestowal of Token of Appreciation to the Speakers	12 Minutes

Free Paper Session III

Venue: Hall 2, Time: 10:22 am - 11:17 am

Chairpersons ● Professor Rama Barua
Professor Md. Abu Tareq Iqbal

Rapporteur ● Dr. Tasvir E Sanam
Dr. Bibi Fatema Jedney

Speakers	Topics
1. Professor Mehrunnissa Khanom	Evaluation of Training on Teaching Methodology and Assessment for Nursing Faculty: A Pilot Study





4th International Scientific Conference 2025

Exploring Newer Horizon Through Multi Disciplinary Research

Speakers	Topics
2. Dr. Jishu Debnath	Etiology and Clinical Condition Related to Palpitation Presented by Patient Attended at OPD
3. Dr. Mithila Dey	Exploring Career Preferences and Rural Practice Intentions among Medical Students in Bangladesh
4. Dr. Muhammed Abu Bakar	Microwave Ablation of Benign Thyroid Nodules: Pioneering Minimally Invasive Therapy in Bangladesh
5. Dr. Mohammed Nasir Uddin	Clinical Characteristics of 2025 Chikungunya Outbreak in Chattogram, Bangladesh
6. Professor Rozina Hoque	Barriers to Career Progression among Female Physicians: A Cross-Sectional Analysis in Bangladesh
Comment by Chairpersons and Bestowal of Token of Appreciation to the Speakers	12 Minutes

Free Paper Session IV

Venue: Hall 2, Time: 11:18 am - 12:13 pm

- Chairpersons** ● Professor Anupam Barua
Professor Mohammad Masud Karim
- Rapporteur** ● Dr. Shahin Sultana Shimu
Dr. Isfat Moni Rasatti

Speakers	Topics
1. Professor Md Saifuddin Ahmed Siddique	Insights from 328 Cases of Urological Injury during Gynecological Procedures : Our Experience
2. Dr. Shirajam Munira	Response of Thalidomide in Transfusion Dependent Beta-Thalassemic Patients
3. Dr. A Z M Forman Ullah	Laparoscopic Management of Uncomplicated Gastro Intestinal Perforation Cases: Our Experience
4. Dr. Dilshad Jahan	Experience of Hemopoietic Stem Cell Transplantation in Asgar Ali Hospital, Dhaka, Bangladesh
5. Dr. Md Tameem Shafayat Chowdhury	Laparoscopic Fowler-Stephens Procedure for Intra-Abdominal Testes. Our Experiences of Different Techniques of Laparoscopic Vascular Interruptions and Outcome
6. Dr. Sanjida Chowdhury	Blood Donation Behavior of Paraclinical and Clinical Students in a Non Government Medical College
Comment by Chairpersons and Bestowal of Token of Appreciation to the Speakers	12 Minutes





4th International Scientific Conference 2025

Exploring Newer Horizon Through Multi Disciplinary Research

Free Paper Session V

Venue: Hall 2, Time: 12:14 pm - 1:09 pm

Chairpersons ● Professor Kamrun Nessa Runa
Professor Didarul Alam

Rapporteur ● Dr. Boosra Harun Prima
Dr. Nazia Naushin

Speakers	Topics
1. Professor Tahera Begum	Assessment of Maternal Mental Health during Pregnancy and Postpartum Period: A Hospital-Based Study
2. Dr. Feroza Aktar	Comparative Study on Efficacy and Safety of Caffeine and Aminophylline for Apnea of Prematurity in Preterm (≤ 34 weeks) Neonates Admitted in a Tertiary Care Hospital
3. Dr. Begum Tahmina Sultana	Adhesions in Repeat Cesarean Sections: Prevalence and Feto Maternal Outcome
4. Dr. Rehana Ahmed	Co-morbidities Associated with Autism Spectrum Disorder
5. Dr. Nadia Sikder	Influence of Lemongrass (<i>Cymbopogon Citratus</i>) Essential Oil on Brain Waves in Postmenopausal Women
6. Dr. Bibi Fatema Jedney	Evaluation of Indicators for Early Outcome in Neonatal Sepsis in a Tertiary Care Hospital, Chattogram
Comment by Chairpersons and Bestowal of Token of Appreciation to the Speakers	12 Minutes

Prayer and Lunch Break: 1:00 pm - 2:30 pm

Free Paper Session VI

Venue: Hall 2, Time: 2:30 pm - 3:25 pm

Chairpersons ● Professor Motiar Rahman Khan
Professor M. A. Sattar

Rapporteur ● Dr. Md. Mostafa Emon
Dr. Maliha Tabassum

Speakers	Topics
1. Professor Mozammel Hoque	Outcome Analysis of Thoracoscopic Repair of Congenital Diaphragmatic Hernia in Neonates and Children: A Comprehensive Review of Experience at CMOSH
2. Dr. Rajat Sanker Roy Biswas	Respiratory Health Issues of Poultry Farmers of Chattogram, Bangladesh





4th International Scientific Conference 2025

Exploring Newer Horizon Through Multi Disciplinary Research

Speakers	Topics
3. Dr. Jasmin Begum	Intra-Operative Ultrasound (IOUS) as a Reliable Localization Tool for Breast Conservation Surgery in Carcinoma Breast
4. Dr. Md. Hasan Murad Chowdhury	Interaction of HBA1c, BMI and Waist Circumference on Insulin Resistance: A Cross-Sectional Analysis
5. Dr. Moitree Biswas	Distribution of Modifiable and Non-Modifiable Risk Factors Associated with Type 2 Diabetes Mellitus among the Patients of Chattogram Diabetic General Hospital
6. Dr. Zareen Tasneem	Association of Atherogenic Indices with Waist-Hip Ratio and BMI in Patients with Diabetes Mellitus Attended Tertiary Care Hospital, Chattogram
Comment by Chairpersons and Bestowal of Token of Appreciation to the Speakers	12 Minutes

Free Paper Session VII

Venue: Hall 2, Time: 3:26 pm - 4:21 pm

Chairpersons ● Professor Alak Kanti Biswas
 Professor Arup Dutta
Rapporteur ● Dr. Dipshikha Barua
 Dr. Sadek Hossen Sakib

Speakers	Topics
1. Dr. Tafhim Ehsan Kabir	Use of Pavlik Harness in the Treatment of Infantile Femur Fracture: Clinical and Radiological Outcome
2. Dr. Md. Sharif Imam	Clinical Presentation and Management of Mesenteric Cystic Masses in Children: Our Experience
3. Dr. Sourav Chowdhury	Non-Communicable Disease Risk Factors among School Teachers in a Selected Area of Bangladesh: A Cross-Sectional Study
4. Dr. Bilkis Akhtar	Single Mini Palm Open Surgery: An Innovative Approach to Alleviate Carpal Tunnel Syndrome
5. Dr. Taslima Newaz	Parent's Beliefs and Intentions about Climate Change in Families with Young Children
6. Dr. Tusher Kanti Nath	Clinical Auditing on Rehabilitation of Supracondylar Fracture of Humerus among Children at a Tertiary Care Hospital
Comment by Chairpersons and Bestowal of Token of Appreciation to the Speakers	12 Minutes





4th International Scientific Conference 2025

Exploring Newer Horizon Through Multi Disciplinary Research

Free Paper Session VIII

Venue: Hall 2, Time: 4:22 pm - 5:09 9 pm

Chairpersons ● Professor Abdul Qaiyum Chowdhury
Professor Mohammad Rafiqul Mowla

Rapporteur ● Dr. Himika Ferdous
Dr. Farzam Alam

Speakers	Topics
1. Professor Chishti Tanhar Bakth Choudhury	Therapeutic ERCP: An Emerging Minimally Invasive Approach for Choledocholithiasis : A Review of 100 Cases from Bangladesh
2. Dr. Shamsun Nahar Bintha Mannan	Pattern of Neonatal Dermatologic Emergencies during Dermatologic Consultation in Neonatal Intensive Care Unit
3. Dr. Md. Anwarul Azim	Colonoscopic Pattern of Findings in Children with Per Rectal Bleeding: A Single-Centre Study
4. Dr. Fatima Sadia	Study on Coping Strategies on Menopausal Symptoms on Middle Aged Women in Chattogram City
5. Dr. Towsif Bin Mamoon	Redefining Middle Ear Surgery: Endoscopic Tympanoplasty Under Local Anaesthesia
Comment by Chairpersons and Bestowal of Token of Appreciation to the Speakers	12 Minutes





4th International Scientific Conference 2025

Exploring Newer Horizon Through Multi Disciplinary Research

Poster Presentation

Venue: Banquet Hall, Chittagong Club Ltd.

Time: 11:00 am - 1:00 pm

Session I : 11.00 am - 11.40 am

Chairpersons

- Professor Ahmed Abu Naser Chowdhury
- Professor Nahid Sultana

Poster Presentation Co-ordinator

- Dr. Shamsun Nahar Bintha Mannan

Rapporteur

- Dr. Md. Istekar Hossen Riyadh

Presenters	Topics
1. Dr. Sabina Yeasmin	Caesarean Section Rates Using Robson's 10-Group Classification System
2. Dr. Salma Akhter	Twin Reversed Arterial Perfusion (TRAP) Sequence Presenting as An Acephalic Fetus: A Case Report
3. Dr. Mosammat Samira Taufique Rashma	A Case of Acute Promyelocytic Leukemia with DIC in the Second Trimester of Pregnancy, Successfully Treated with Alltrans-Retinoic Acid and Chemotherapy
4. Dr. Abanti Das	Pattern of Paediatric Dermatological Emergencies at a Tertiary Care Hospital in Chattogram
5. Dr. Boosra Harun Prima	Bacteriological Profile and Antimicrobial Susceptibility Patterns of Blood Culture Isolates
6. Dr. A H M Tharakul Mazid	A Case of Chikungunya with Multi-Organ Involvement- Could It be 'Expanded Chikungunya Syndrome ?'
Comment by Chairpersons and Bestowal of Token of Appreciation to the Speakers	10 Minutes





4th International Scientific Conference 2025

Exploring Newer Horizon Through Multi Disciplinary Research

Poster Presentation

Venue: Banquet Hall, Chittagong Club Ltd.

Time: 11:00 am - 1:00 pm

Session II : 11.41 am - 12.21 pm

Chairpersons

- Professor Mobinul Alam Chowdhury
- Professor Shaheda Khanam

Poster Presentation Co-ordinator

- Dr. Shamsun Nahar Bintha Mannan

Rapporteur

- Dr. Md. Shahidul Islam

Presenters	Topics
1. Dr. Wahida Akter	Moyamoya Disease : A Case Report
2. Dr. Mujahidul Islam	Effect of Cement Pollution on Serum Creatinine and Blood Urea in Cement Factory Workers
3. Dr. Fahima Arefin	Game-Based Teaching in Medical Education: An Experimental Assessment of Student's Satisfaction
4. Dr. Bablu Dhar	Association of Dietary Pattern and Hypertension among Special Age Group of Population, Chattogram
5. Dr. Nadia Hossain	Comparison of Biochemical Markers of Bone Turnover between Pre and Postmenopausal Women
6. Dr. Rushmila Ferdous	Unusual Neurological Manifestations of Metronidazole Toxicity
Comment by Chairpersons and Bestowal of Token of Appreciation to the Speakers	10 Minutes





4th International Scientific Conference 2025

Exploring Newer Horizon Through Multi Disciplinary Research

Poster Presentation

Venue: Banquet Hall, Chittagong Club Ltd.

Time: 11:00 am - 12:00 pm

Session III : 12.22 pm - 1.00 pm

Chairpersons

- Professor Jesmin Abedin
- Professor Zahangir Alam Chowdhury

Poster Presentation Co-ordinator

- Dr. Shamsun Nahar Bintha Mannan

Rapporteur

- Dr. Mohammad Tanvir Mahtab

Presenters	Topics
1. Dr. Tabassum Fardous	Assessment of Sleep Quality Among Undergraduate Medical Students of a Medical College
2. Dr. Dhananjay Das	A Child with Dravet Syndrome : A Case Report
3. Dr. Utpak Das	Cornu Cutaneum - A Historically Perplexing Phenomenon : A Case Report
4. Dr. Tasneem Fariha	Audit on Teaching Methodology among 1st and 2nd Year Medical Students of Bangladesh
5. Ms Tashrina Afroz	Nutritional Status among Under 5 Children in Chattogram City Slum, Bangladesh
Comment by Chairpersons and Bestowal of Token of Appreciation to the Speakers	10 Minutes

Prayer and Lunch Break: 1:00 pm - 2:30 pm





4th International Scientific Conference 2025

Exploring Newer Horizon Through Multi Disciplinary Research

Concluding Session

- Venue** : **Chittagong Club Ltd**
- Time** : **7.00 pm to 10.00 pm**
- Chief Guest** : **Ms Nurjahan Begum**
Honorable Advisor
Ministry of Health & Family Welfare
Government of the People's Republic of Bangladesh
- Special Guest** : **Dr. Shahadat Hossain**
Honorable Mayor
Chattogram City Corporation
Chattogram
- : **Professor Omar Faruque Yusuf**
Honorable Vice Chancellor
Chittagong Medical University
Chattogram

- **Cultural Program**
- **Dinner**

