



National Workshop

Enhancing Trauma Management Skills
among Nurse Practitioners



Sponsored by DHR-ICMR

Organized by

MGM NEW BOMBAY COLLEGE OF NURSING

MGM INSTITUTE OF HEALTH SCIENCES

(Deemed to be University u/s 3 of UGC Act, 1956)

Grade 'A' Accredited by NAAC

On

28th & 29th January 2020

&

Advanced Trauma Care for Nurses (ATCN)

(Accredited by Society of Trauma Nurses & American College of Surgeons)

(on 30th, 31st Jan. & 1st Feb. 2020)

Venue

University Auditorium, 3rd floor
MGM Institute of Health Sciences, Plot No: 1&2,
Sector 1, Kamothe, Navi Mumbai – 410209.

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About MGM New Bombay College of Nursing

Mahatma Gandhi Mission Trust was established in 1982 with its headquarters at Nanded, Maharashtra, to propagate education, research and service to humanity at large. In its journey, the Trust has established a number of educational institutions running mainly in medical, dental, nursing, physiotherapy, engineering, architecture, management, law, journalism, Indian Languages, music, dance and etc. The students from across the country and abroad get educated in these institutions across India located at Navi Mumbai, Aurangabad, Nanded & Parbhani in Maharashtra and Noida in UP.

In 2006, MGM Institute of Health Sciences (Deemed to be University) was established under Section-3 of UGC Act 1956, with a vision to be a top ranking centre of excellence in education, research and service maintaining the highest ethical standards. The sponsoring trust of MGM Deemed University is Mahatma Gandhi Mission (MGM) Trust.

MGM New Bombay College of Nursing, a constituent unit of MGM Institute of Health Sciences (MGMIHS) laid its foundation on 1st August 2008. The institute offers Undergraduate, Post Graduate and PhD programme in Nursing. The College of Nursing is well known for its excellence in academic, co-curricular and extra-curricular activities in the country and strives hard to keep up the quality of education to provide globally competent nurses. It is one among the pioneering institutes in India, for successfully conducting the NPCC programme (recognized by Indian Nursing Council and Maharashtra Nursing Council) from the academic year 2017-18.

MGM New Bombay College of Nursing endeavours to maintain a “student friendly environment” to provide quality education and prepare professional nurses sensitive to human needs.

AIM:

This workshop aims to provide hands on skill building sessions to enhance future Nurse Practitioners to deliver comprehensive patient Care.

OBJECTIVES:

At the end of the conference, Participants will be able to;

1. To demonstrate systematic approach in initial assessment of trauma patient.
2. To describe the system specific management of trauma patient
3. To demonstrate trauma management skills on simulated real-life situations

PARTICIPANTS:

The event brought together total 44 participants from various institutions across the country. Among which 20 were Nurse Practitioner Students, 09 M.Sc. Nursing students, 13 Staff nurses working in critical care units and 02 faculty members. The delegates were from Himalayan College of Nursing, Dehradun, Krishna Institute of Medical sciences, Karad, Bharathi Vidyapeeth College of nursing, Navi Mumbai, Breech candy hospital, Mumbai, MGM New Bombay hospital, Vashi and MGM New Bombay college of Nursing Kamothe, Navi Mumbai.

WORKSHOP PROCEEDINGS:

Day One - 28 January 2020 – Two-day workshop on *“Enhancing trauma management skills among Nurse Practitioners”* was held at MGM New Bombay College of Nursing, Kamothe on 28th & 29th January 2020. The workshop was inaugurated on 28th January 2020 at 9:30 am at the Auditorium of MGM Institute of Health Sciences (MGMIHS), Kamothe, Navi Mumbai. Dr. Shashank D. Dalvi, Hon Vice Chancellor, MGMIHS, Dr. Sudhir Kadam, Hon. Trustee, MGM Trust & Medical Director, MGM Hospital, Kamothe, inaugurated the workshop and addressed the participants. Mrs. R. Ponchitra welcomed the Guests of Honour, Dr. Prabha K. Dasila unfolded theme and briefed about various activities planned for all the three days.



WELCOME ADDRESS

The inaugural session was hosted by Dr. R. Ponchitra, Organizing secretary. The dignitaries Dr. S. N. Kadam, Medical Director MGM Group of Hospitals, Honourable Vice chancellor MGMIHS Dr. Shashank Dalvi, Medical Superintendent MGM Hospital Dr. (Lt. Gen.) K.R. Salgotra, Dr. Prabha. K. Dasila, Professor & Director MGM New Bombay College of Nursing, Kamothe, graced the Dias. The theme of the national workshop was unveiled by Dr. Prabha. K. Dasila, organising chairperson.

The dignitaries addressed the delegates by emphasizing the importance of Trauma management in the current scenario, preventive measures to reduce trauma injuries and the need for mandatory training of under graduate health care students on life saving training courses. All the resource persons were felicitated by the dignitaries on Dias.

The inaugural ceremony ended with vote of thanks by Mrs. Preethi Maria Mathews, Associate Professor, MGM New Bombay College of Nursing, Kamothe.



UNFOLDING THE THEME



The theme of 2nd Annual National workshop on “Enhancing trauma management skills among Nurse Practitioner was unfolded by Dr. Prabha K. Dasila, Professor and Director, MGM New Bombay College of Nursing, Kamothe.

On her address to the audience Dr. Prabha K. Dasila brought to the notice that the field of Nursing is rapidly advancing and the nurses are prepared to meet the unique needs of patients from the emergency room to both acute and post-acute care situations.

In achieving the Sustainable Development Goals of Government of India in reshaping the health system the Indian Nursing Council conceptualized Nurse Practitioners in Critical care Post Graduate Programme in 2016. MGM New Bombay College of Nursing is one among the pioneering institute India for successfully conducting the NPCC programme from the academic year 2017-18.

Traumatic injuries are caused by various forces from outside of the body, which may result in wounds, broken bones or internal organ damage. It could be due to motor vehicle collisions, sports injuries, falls, natural disasters and a multitude of other physical injuries which can occur at home, on the street, or while at work and require immediate care.

She further explained that getting the patient to the right place at the right time, commonly known as the “Golden Hour” or first 60 minutes after the occurrence of a major multi-system trauma, is critical. Competent Nurses at the emergency and trauma units can significantly reduce the mortality and morbidity among trauma patients. The full extent of injuries is not always apparent when a patient first arrives at hospital, and they may require in-depth examination and multiple tests (such as scans and x-rays) or operations in the first few days.

Assessment of a Trauma patient is different from that of the usual assessment of a patient. The traditional approach of taking a full history, doing a full physical examination, determining a provisional diagnosis and a list of differential diagnoses, and deriving a logical plan for investigation and treatment needs to be laid aside in order to first ensure a patient's survival and then to ensure the smallest possible risk of major complications.

Dr. Dasila also briefed about the history of emergence of Nurse practitioners in the western countries and emphasized the current need of such competent nurses in India. She pointed out that the Nurse Practitioners students are being trained to make clinical decisions independently and collaboratively focusing on stabilizing patient’s condition, minimizing acute complications and maximizing restoration of health. Considering the required key competencies of NPCC which includes expertise in diagnostic reasoning, complex monitoring and performing advanced procedures this workshop has been organised.

SCIENTIFIC SESSIONS

The workshop has been organised with various theoretical and skill-based sessions.

SESSION-1

Trauma – Initial Assessment



The first session on Trauma initial assessment was discussed by Dr. Vishwas Sathe, Professor, Department of Anaesthesiology, in charge Skills lab, MGM Medical College & hospital, Kamothe. He focussed on importance of pre hospital & hospital preparation to facilitate rapid resuscitation, priorities for assessment of injured patient, principles of primary and secondary survey, triage, re-evaluating the injured patient and the importance of team work in initial assessment

SESSION-2 & 3

Airway Trauma and Thoracic Injuries

The second and third session on airway trauma and thoracic injuries was explained in detail by Mrs. Jeyalinda Christopher, Professor & HOD, Emergency & Trauma Management, CMC Vellore. She briefed on Types of airway injuries, management of trauma, Assessment of air way patency, causes and signs of partial airway obstruction, maintaining cervical spine protection, airway maintenance techniques, definite airway measures, predicting difficult airways, tension and hemothorax, treatment of life-threatening injuries, potentially life-threatening injuries. She explained in simple



SESSION-4

Head Injury

The fourth session on Head injury was dealt by Dr. Neeraj Patni, Assistant Professor, Department of General surgery/Neurosurgery, MGM Medical college hospital, Kamothe. He explained on types and grading of head injuries, neurosurgical examination in trauma, indications for CT & admission, Criteria for Traumatic Brain Injury, Admitting orders for minor & moderate head injuries.



SKILL STATION-1

Airway Management, Cervical Spine Stabilization and Helmet Removal in Trauma Patients

Skill station 1 was on Airway management, cervical spine Stabilization and Helmet removal in trauma patients' which was demonstrated by Dr. Vishwas Sathe, Professor, Department of Anesthesiology, MGM Medical college & Hospital, Kamothe. All the delegates were made to redemonstrate, which was supervised by Dr. Vishwas Sathe.



SKILL STATION-2

ICD insertion & Needle Decompression:

Skill station 2 on ICD insertion & Needle decompression was demonstrated by Dr. Sameer Kadam, Professor & HOD Department of Surgery, Director Skills Lab, MGM Medical College & Hospital, Kamothe. All the delegates re-demonstrated the procedure which was supervised by Dr. Sameer Kadam.



DAY-2 29/01/2020

SESSION-4

Abdominal Injuries:



The second day of the workshop started with session 4 on abdominal injuries by Dr. Omprakash Rohandiya, Professor &HOD Department of Traumatology & surgery, MGM Medical College & Hospital, Kamothe. He explained from Basic anatomical regions, patients at risk for abdominal injuries, triaging patients of abdominal injuries & initiating proper referral and how to evaluate patients for complications.

SESSION -5

Musculoskeletal injuries:

The session 5 on Musculoskeletal Injuries was discussed by Dr. Sarabjeet Singh Kohli, Professor, Department of Orthopaedics, MGM Medical College & Hospital, Kamothe. He explained about musculoskeletal disorders, causes and types of fractures and its manifestations, assessment and management in nursing point of view. The session ended with a lunch break.



SESSION -6

Spinal Trauma:



Session 6 on Spinal trauma was elaborated by Dr. (Lt. Gen) K.R. Salgotra, Professor Department of Orthopaedics, Medical superintendent, MGM Medical College &Hospital, Kamothe. He explained on various primary and secondary injuries, systemic hypotension, prevention of Neurological Worsening, Pre-hospital management, thorough initial engagement, immobilisation for transportation with his previous experience and live case studies.

SESSION-7

Burn Injuries:

The session 7 on Burns was discussed by Dr.Sunil Keshwani, Plastic surgeon, Medical Director, National Burns Center, Airoli. He described aims of burns care, types of burns , classification of burns ,Assessment primary management –ABCDEF.



SKILL STATION-3

Central Line Insertion and Massive Transfusion Protocols

Skill station 3 was on central line insertion and massive transfusion protocol which was demonstrated by Dr. Vishwas Sathe, Professor, Department of Anaesthesiology, MGM Medical college & Hospital, Kamothe. All the delegates were made to redemonstrate, which was supervised by Dr. Vishwas Sathe.



SKILL STATION-4

FAST Scan –Focussed Assessment with Sonography for Trauma

Skill station 4 on FAST Scan –Focussed Assessment with Sonography for Trauma was demonstrated by Mr. Rashad M, Co-ordinator, WHO, Rural Emergency Care Project, AIIMS, Trauma Center, Director Society of Emergency and Cardiac nurses of India. All the delegates re -demonstrated the procedure which was supervised by Mr. Rashad M.



POSTER PRESENTATION

17 poster presentations were held on the topics related to the theme. 17 Participants presented the poster on 28.01.2020. The judges Dr. R. Ponchitra, Vice Principal, Dr. Jyoti Choudhary, Associate professor MGMNBCON and Mr. Rashad M. Co-ordinator, WHO, Rural Emergency Care Project, AIIMS, Trauma Center, Director Society of Emergency and Cardiac nurses of India evaluated the poster based on pre-set criteria. The posters were appreciated by the Judges and the participants. Three best posters were awarded.



VALEDICTORY FUNCTION

PROCEEDING REPORT AND VOTE OF THANKS

The Conference concluded with Valedictory function where the best Poster awards and certificates were announced and distributed. The conference report was read by Dr. R. Ponchitra, Organizing Secretary, Feedback was obtained from representatives of delegates from all institutes and Vote of thanks was delivered by Mrs. Preethi Maria Mathews, Organizing Convener. The valedictory with a group dance by the UG students of MGMNBCON and National Anthem.

The certificate of participation were handed over to all the delegates which was followed by photo sessions.



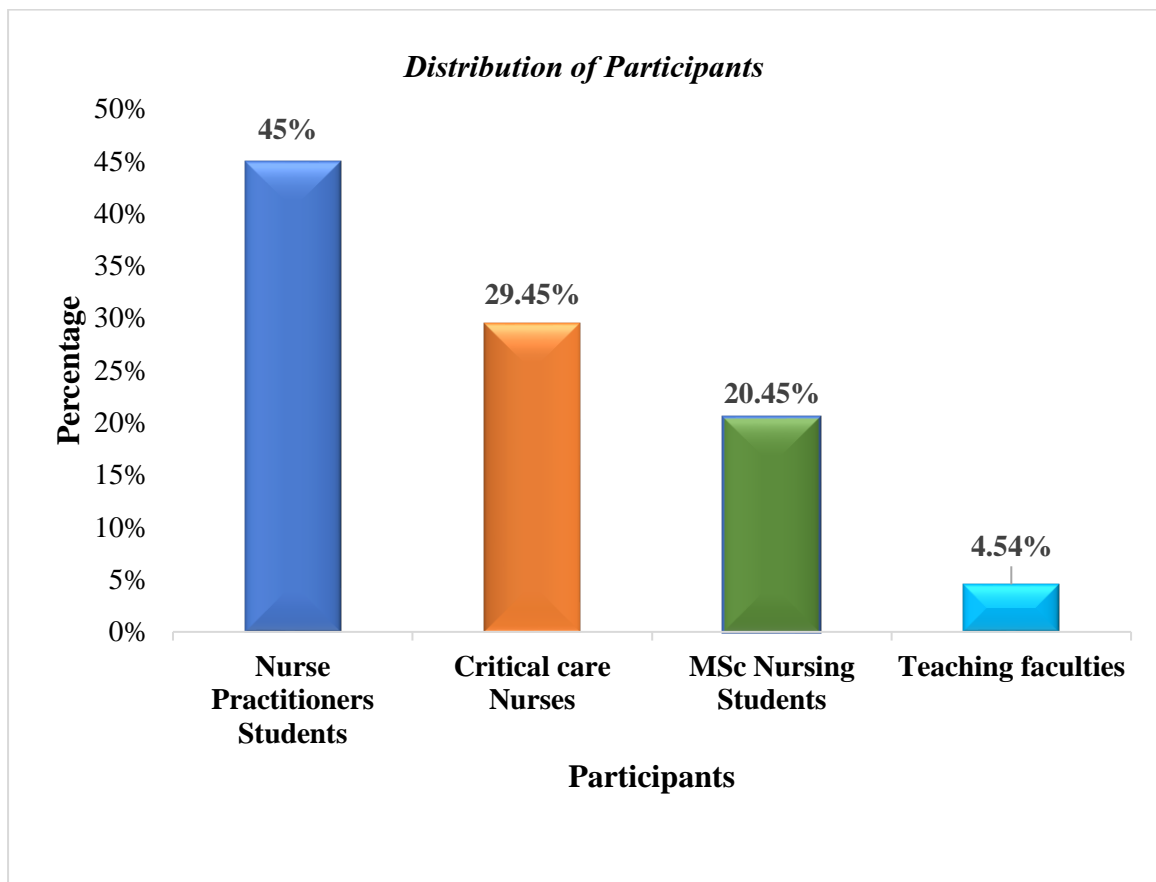
CULTURAL ACTIVITY

The workshop participants were entertained by the students of MGM New Bombay College of Nursing. They presented a classical dance in front of the audience. The audience highly appreciated the performance.



PROGRAMME DETAILS

Number of Days : - 2 days
Date : - 28thJanuary to 29thJanuary 2020
Venue : -MGM Institute of Health Sciences Auditorium &
MGM Medical College Hospital Skill Lab



National Workshop 28th & 29th January 2020

“Enhancing Trauma Management Skills among Nurse Practitioners”

Day 1 Scientific Programme -: 28/01/2020

Time	Event	Topic	Resource Person
08.00 am to 09.30 am	Registration & Break fast		
09.30 am to 10.00 am	Inauguration Ceremony & Key note address		
10.00 am to 11.00 am	Session 1	Trauma- Initial assessment	Dr. Vishwas Sathe, Professor, Department of Anesthesiology (Cardiac Unit), In-charge Skills lab MGM Medical College & Hospital, Kamothe
11.00am to 11.15am	Tea Break		
11.15 am to 12.00 pm	Session 2	Head Injury	Dr. Neeraj Patni Assistant Professor, Department of General Surgery / Neurosurgery, MGM Medical College & Hospital, Kamothe
12.00pm to 12.45 pm	Session 3	Airway Trauma	<i>Mrs. Jeyalindha Christopher</i> Professor & HOD, Emergency & Trauma Management, CMC, Vellure
12.45 pm to 1.30pm	Session 4	Thoracic Injuries	
01.30pm to 2.00pm	Lunch Break		
02.00 pm to 05.00 pm	Skill Station 1	-Airway management -Cervical Spine Stabilization -Helmet Removal	Dr. Vishwas Sathe, Professor, Department of Anesthesiology (Cardiac Unit), In-charge Skills lab MGM Medical College & Hospital, Kamothe
	Skill Station 2	-ICD insertion -Needle decompression	<i>Dr. Sameer Kadam</i> Professor, Cardiac Surgery, Director MGM Skills lab. MGM Medical College & Hospital, Kamothe
05.00 pm to 05.30pm	Poster/Paper Presentation		

Day -2

Scientific Programme: 29/01/2020

Time	Event	Topic	Resource Person
08.30 am to 09.00 am	Break fast		
09.00 am to 10.00 am	Session 4	Abdominal injuries	<i>Dr. Omprakash Rohandiya</i> HOD & Professor, Department of Traumatology & Surgery, MGM Medical College & Hospital, Kamothe
10.00am to 11.00 am	Session 5	Musculoskeletal injuries	Dr. Sarabjeet Singh Kohli Professor, Department of Orthopedics, MGM Medical college & Hospital, Kamothe
11.00 am to 11.15 am	Tea Break		
11.15am to 12.15 pm	Session 6	Spinal Trauma	<i>Dr. (Lt. Gen) K.R. Salgotra</i> Professor Department of Orthopedics, Medical Superintendent, MGM Medical college & Hospital, Kamothe
12.15 pm to 1.00 pm	Session 7	Burns	Dr. Sunil Keshwani, Plastic Surgeon Medical Director National Burns Center, Airoli
01.00 pm to 01.30 pm	Lunch		
02.00 pm to 04.30 pm	Skill Station 3	-Central Line Insertion -Massive Transfusion Protocol	<i>Dr. Vishwas Sathe,</i> Professor, Department of Anesthesiology (Cardiac Unit), In-charge Skills lab MGM Medical College & Hospital, Kamothe
	Skill Station 3	FAST Scan - Focused Assessment with sonography for Trauma	Mr. Rashad M, Coordinator, WHO, Rural Emergency Care Project, AIIMS Trauma Center Director, society of emergency and Cardiac Nurses of India
04.30 pm to 05.00 pm	Valedictory		

List of Participants

Sr. No.	Name of Participants	Institute	Designation
1.	Swati Deshmukh	Breach Candy Hospital Trust	Staff
2.	Nikita H Lepkar	Breach Candy Hospital Trust	Staff
3.	Ashwini Jadhav	Breach Candy Hospital Trust	Staff
4.	Naziya Kaji	Breach Candy Hospital Trust	Staff
5.	Priya Mani	Breach Candy Hospital Trust	Staff
6.	Jisha Shibu	Breach Candy Hospital Trust	Staff
7.	Libimol Joseph	Breach Candy Hospital Trust	Staff
8.	Dona Sara Thomas	Breach Candy Hospital Trust	Staff
9.	Soumya Abraham	Breach Candy Hospital Trust	Staff
10.	Swati Astik Ingale	Krishna Institute of Nursing Sciences, Karad	Faculty
11.	mayuri Vijay More	Krishna Institute of Nursing Sciences, Karad	Faculty
12.	Higishte Kajal Rajendra	Krishna Institute of Nursing Sciences, Karad	Nurse Practitioner Student
13.	Matre Pradnya Suresh	Krishna Institute of Nursing Sciences, Karad	Nurse Practitioner Student
14.	Kamble Gideon Vishwasrao	Krishna Institute of Nursing Sciences, Karad	Nurse Practitioner Student
15.	Besty Varghese	Krishna Institute of Nursing Sciences, Karad	Nurse Practitioner Student
16.	Pratik S Gaikwad	Krishna Institute of Nursing Sciences, Karad	Nurse Practitioner Student
17.	Ankita A Patkar	Krishna Institute of Nursing Sciences, Karad	Nurse Practitioner Student
18.	Chavare Priyanka Subhash	Krishna Institute of Nursing Sciences, Karad	Nurse Practitioner Student
19.	Suraj Shreekant Patil	Krishna Institute of Nursing Sciences, Karad	Nurse Practitioner Student
20.	Jitendra Kumar	Krishna Institute of Nursing Sciences, Karad	Nurse Practitioner Student
21.	Anurag Anil Badade	Krishna Institute of Nursing Sciences, Karad	Nurse Practitioner Student
22.	Shubham Nivas Karvekar	Krishna Institute of Nursing Sciences, Karad	Nurse Practitioner Student
23.	Pravin Sadashiv Shewale	Krishna Institute of Nursing Sciences, Karad	Nurse Practitioner Student
24.	Shivali Vithal Kumbhar	Krishna Institute of Nursing Sciences, Karad	Nurse Practitioner Student
25.	Samreen Aalma	Himalayan College of Nursing, Dehradun	Nurse Practitioner Student
26.	Deepika	Himalayan College of Nursing, Dehradun	Nurse Practitioner Student
27.	Apsana Hasan	Himalayan College of Nursing, Dehradun	Nurse Practitioner Student

Sr. No.	Name of Participants	Institute	Designation
28.	Arathi Chandran	MGM New Bombay College of Nursing, Navi Mumbai	MSc Nursing Student
29.	Reddimalla Kavitha	MGM New Bombay College of Nursing, Navi Mumbai	MSc Nursing Student
30.	Aminkumar Sunil Dhule	MGM New Bombay College of Nursing, Navi Mumbai	Nurse Practitioner Student
31.	Gaurav Kumar Sharma	MGM New Bombay College of Nursing, Navi Mumbai	MSc Nursing Student
32.	Mankayarkarasi S	MGM New Bombay College of Nursing, Navi Mumbai	Nurse Practitioner Student
33.	Pallavi K Dandade	MGM New Bombay College of Nursing, Navi Mumbai	Nurse Practitioner Student
34.	Sneha Chandrakant Karande	MGM New Bombay College of Nursing, Navi Mumbai	Nurse Practitioner Student
35.	Manisha Vikas Sawant	MGM New Bombay College of Nursing, Navi Mumbai	MSc Nursing Student
36.	Smruti Vivek Parkar	MGM New Bombay College of Nursing, Navi Mumbai	MSc Nursing Student
37.	Persis Gracy Philip	MGM New Bombay College of Nursing, Navi Mumbai	MSc Nursing Student
38.	Khirabdhi Tanaya Sahu	Bharati Vidhyapeeth College of Nursing, Navi Mumbai	MSc Nursing Student
39.	Reshma M Pawar	Bharati Vidhyapeeth College of Nursing, Navi Mumbai	MSc Nursing Student
40.	Bhagyashree D Jadyar	Bharati Vidhyapeeth College of Nursing, Navi Mumbai	MSc Nursing Student
41.	Sanu P Eldhose	MGM New Bombay Hospital, Vashi, Navi Mumbai	Staff
42.	Pooja Issac	MGM New Bombay Hospital, Vashi, Navi Mumbai	Staff
43.	Ancymol Boby	MGM New Bombay Hospital, Vashi, Navi Mumbai	Staff
44.	Money Stella	MGM New Bombay Hospital, Vashi, Navi Mumbai	Staff

