» Online AGM of KMC: New Board Members at KMC Public Limited
» Dr. Sunil Kumar Sharma becomes Executive Chairman of KMC Public Limited
» Prof. Dr. Ratindra Nath Shrestha appointed as the Principal of KMC
» Prof. Dr. Suman Shrestha appointed as Acting Hospital Director of KMC
» Neonatology Unit upgraded at KMC

» KMC starts Robotic Surgery service for first time in Nepal
» KMC Healthcare Services in Response to Covid-19
» KMC initiates Medicolegal and Autopsy Centre
» FREE Health Camps conducted by KMC
» Other News
Every year Kathmandu Medical College brings out this KMC times to share landmark of the institution, update major activities and make these activities, achievements, initiatives documented for future use. I believe the KMC times would be successful towards providing such information transparently so that reader(s) of KMC Times may have clear picture of the institution.

KMC has constantly been trying to improve and upgrade based on the guidelines set by Medical Education Commission Nepal, Kathmandu University, Nepal Medical Council, Nepal Nursing Council, other councils and Ministry of Education and Ministry of Health and Population, Nepal. Though this institution was initiated in 1997, the current management team took over in the year 2020. The new management has constantly been in the path of progress with honesty and sincerity. We are aware that there are many areas where we need to improve to make ourselves better. We are committed for the continuous progress.

The development of an institution is based on the continuous effort for progress as team and we have been trying our best to be thoughtful and responsible towards all the stakeholders of the institution. We are on our path to make health care service easily accessible and affordable to the people. We are trying our best to provide quality medical, dental and nursing education and quality health service through best of the facilities in a best possible environment. We have best faculties in adequate number on regular pay role.

KMC’s Sinamangal and Duwakot premises have been constantly undergoing changes and improving in the process to provide better facilities for the students and patients alike. We have classrooms with modern facilities and technologies, well facilitated hostels for students, modern pathology lab, modern physiotherapy unit, modern operating theatres, advanced cardio diagnosis centre, comfortable OPD building, improved wards etc. Advance endoscopic surgeries in various specialties, super-specialised services like Neurosurgery, Urology, Nephrology with haemodialysis service, Plastic surgery, Neurology and Cardiology services provided by KMC are remarkable. We are working on developing and establishing services like genetic lab, IVF, transplant surgeries, spine rehabilitation centres, robotic surgeries in near future.

We are constantly working towards the entire improvement of all facilities in the academic as well as health care services and we have clear picture that KMC will stand as a best centre for medical, dental, nursing, allied health professional’s education and maintain quality, affordability while providing world standard healthcare centre in near future.

I would like to sincerely thank the CMC, the Principal, Hospital Director, other officials, HODs, faculty members, In-charges, Support Services staff, nursing, technical and administrative staff as well as all other supporting personnel and trust that the effort of each and every individual attached to the institution will be continued as a team, as a KMC family.

Last but not the least, I express my heartfelt thanks to the members of the Board of Directors and the promoters of KMC Public Limited for their continued support. I thank civil society, intellectuals, dignitaries, guardians, students and patients for showing their faith in Kathmandu Medical College.

Dr. Sunil Kumar Sharma
Executive Chairman, KMC
It gives me immense pleasure to welcome you to this issue of KMC TIMES regarding the ongoing activities and progress report of various departments of KMC. As KMC has been taken by new management team, this newsletter not only clearly states its aims and objectives but also incorporates the overall development of the college in the area of education, health care service and research. KMC is reforming to meet the changing dynamics of global trends in training health care professionals and global challenges. The infrastructure is being strengthened, laboratories are being upgraded and emphasis is being given to the continuous improvement as per the guideline of regulatory bodies as embodied by World Class Projects of Neurosurgery Center.

Academically, this year KMC has received 71 postgraduate seats in 17 subjects in comparison to 51 seats in 14 subjects last year, which is the highest number of PG seats awarded by the Government amongst medical colleges. KMC is initiation various super specialisation DM and MCh courses, PG courses for MSc Nursing programs and paramedical programs.

Regarding Health Care Service, KMC is fighting successfully against COVID-19 pandemic from day one with the co-operation according to the guidelines of WHO and providing best health care service to COVID patients with high success rate of recovery of COVID related admitted patients, KMC is installing various latest bio medical equipments that will enhance the quality of medical services.

Regarding research KMC is equally votive being Phd Training change programs and research in collaboration with globally renowned universities like Harvard University (USA), Linkoping University (Sweden), University of Skovda (Sweden), University of West of England (UK) and others. Research fund with the amount of Rs 10 lakh bas been established to promote research carried out by faculties of KMC.

I take this opportunity to congratulate and thank the editorial team of KMC TIMES for bringing out this issue. I am sure this is going to be a very good platform to disseminate information to the readers.

Lastly, I offer my gratitude to our students, faculties, staff and all concerned for the hard work that put forward to making KMC the centre of excellence.

Prof Dr. Ratindra Nath Shrestha, MD MS
Principal

Core Members of Medical Education

Prof. Dr. Ratindra Nath Shrestha (Chairman)
Prof. Dr. Abhinav Vaidya (Member Secretary)
Prof. Dr. Suman Shrestha
Dr. Pranaya Khanal
Prof. Dr. Meera Bista
Ms. Sabita Pandey
Dr. Jenash Acharya
Dr. Natalia Oli
Dr. Deepti Shrestha
Mr. Subhash Chandra Sharma
Dr. Binita Pradhan
Mr. Eurek Ranjit
Dr. Bimal Pandey

Prof. Dr. C P Bhatt
Prof. Dr. Sunil Kumar Joshi
Dr. Naresh Manandhar
Dr. Arun Dhungana
Dr. Sushil Kharel
Congratulations and hearty welcome to the Executive Chairman of KMC Dr. Sunil Kumar Sharma. We are confident that KMC will achieve newer heights under his able leadership.

Congratulations to the Board of Directors
Congratulations to the following new Board Members of KMC

Mr. Netrabandhu Baniya
Mr. Sandip Guragain
Ms. Soina Sharma
Mr. Chudamani Bhandari

KMC Board now comprises of above-mentioned board members as well as Mr Vijaya Kumar Pande. We are confident that the current Board of Directors under the leadership of KMC Board Chairperson Dr. Sunil Kumar Sharma will achieve greater heights and wish for success.

Congratulations to Chief Management Consultant Dr. Khagendra Prasad Sharma (Neupane)

Congratulations and hearty welcome to the Chief Management Consultant Dr. Khagendra Prasad Sharma (Neupane). We are confident that our institution will achieve better and effective management with Dr. K P Sharma as our CMC.

Congratulations to KMC Principal Prof. Dr. Ratindra Nath Shrestha

Congratulations and hearty welcome to the KMC Principal Prof. Dr. Ratindra Nath Shrestha. We extend best wishes for his successful tenure and are confident that academic activities in our institution will achieve better heights under his able leadership.
MoU signed between KMC and other institutions

MoU has been signed between KMC and Grande International Hospital. Likewise, a MoU has been signed between KMC and Shahid Dharmabhakta National Transplant Centre Dudhpati Bhaktapur as well. KMC Principal Prof. Dr. Ratindra Nath Shrestha signed MoU on behalf of KMC which was signed by representatives from Grande International Hospital and Shahid Dharmabhakta National Transplant Centre Dudhpati Bhaktapur.

KMC to improve patient care by introducing Three Tesla MRI

KMC plans to continue conducting various academic courses as well as improve patient care. KMC has planned to procure various equipment such as Three Tesla Intra-operative Functional MRI, 15 new USG, 40 Ventilators etc. Similarly, the service shall be improved by procuring Mindray Patient Monitors, defibrillators, Infusion Pumps as well. Speciality services shall be gradually increased. Various paramedical programmes such as Bachelor in Physiotherapy (BPT), Bachelor in Midwifery, Bachelor in Optometry, Bachelor of Science in Medical Imaging Technology (Bsc MIT), Bachelor of Science in Laboratory Medicine and Bachelor of Pharmacy, MSc PH in Global Health, MSc PH in epidemiology as well as DM/ MCh and Fellowship programme is planned to be started at KMC as well.

Neonatology Unit upgraded at KMC

Neonatology Unit of KMCTH was expanded to 40-bedded ward from 14th September 2021. This unit is one of the largest neonatal units in the country and is headed by Prof. Dr. Sunil Raja Manandhar. Bearing in mind the special needs of neonates, the unit offers latest complex, sophisticated equipments and monitoring devices. Some of the technologically advanced equipment available at KMCTH Neonatal Intensive Care Unit (NICU) include Giraffe Double Wall Incubator with inbuilt weighing scale that is specially designed for babies born at 26 weeks of gestation and above; weighing 600gms to 1kg and it can nourish as a mother’s womb. Similarly, the High Frequency Oscillatory Ventilator for Premature babies weighing less than 1 kg with Infant Respiratory Distress Syndrome helps to prevent lung injury.

Other life saving technologically advanced equipments available at KMC Neonatal Unit are as follows:
- Mechanical Ventilator
- Servo Controlled Infant Baby Warmer
- Mechanical CPAP with Fio2 blender
- Lullaby Resus Plus
- Bili soft 2.0 Phototherapy
- Lullaby bedside LED phototherapy machine
- GE Logique Portable Echo/ USG Machine
Annual General Meeting of KMC Public Limited

11th Annual General Meeting of KMC Public Limited was held online via video conference (Virtual Zoom meeting) on 6th Poush 2077 (21 December 2020). The AGM approved the following: annual report of Fiscal Year (FY) 2076/77 presented by KMC Executive Chairperson Dr. Sunil Kumar Sharma on behalf of KMC Board of Directors, auditors report of FY 2076/77, appointment of auditor for the fiscal year 2077/078 and distribution of dividend. Various other proposals were discussed and approved as well.

The AGM endorsed Dr. Sunil Kumar Sharma as the Chairman of Board of Directors and Mr Netrabandhu Baniya, Mr Sandip Guragain, Ms Soina Sharma and Mr Chudamani Bhandari as the new Board Members of KMC Public Limited. Ms Shovana Pokhare and Mr Vijay Kumar Pandey are the other Board Members of Board of Directors. In the KMC management, Dr. Khagendra Prasad Neupane is the Chief Management Consultant and Prof. Dr. Ratindra Nath Shrestha is the Principal of KMC.

In spite of issues caused due to global pandemic of Covid-19, KMC has continued to provide services to the patients as one of the most reputed medical colleges in Nepal. During the FY 2076/77, KMC provided outpatient service to 2,88,500 OPD patients whereas satient’s inpatient days spent at KMC were: 99,272. 6422 operations were performed, 11,56,575 pathology tests, 54,096 x-ray, 53,162 Echo, ultrasound and other tests were performed and 2,304 children were delivered at KMC.

KMC has regularly been conducting MBBS, BDS, BSc Nursing and MD/MS courses, and has initiated BNS, MSc Nursing, MDGP, MD Microbiology and MD Physiology courses. KMC has now initiated super-specialisation courses (MCh Gastrogurgery and MCh Urosurgery).

New departments established at KMCTH

New departments have been formed at KMCTH to improve services provided to the patients. New departments formed, alongwith the unit head, are as follows:

- Pulmonary Critical Care & Sleep Medicine: Prof. Dr. Arpana Neupane
- Gastroenterology: Prof. Dr. Prabin Bikram Thapa
- Neonatology: Prof. Dr. Sunil Raja Manandhar
- Perioperative and Critical Care: Prof. Dr. Shyam Maharjan

KMC starts robotic surgery service for first time in Nepal

Kathmandu Medical College (KMC) has started the robotic neurosurgical service for the first time in Nepal under Prof. Dr. Amit Thapa. The hospital held a press conference and informed the media about the service.

Robot helps place implants like depth electrodes, laser catheters into tumour, tubes like shunts or EVD, needles to puncture cyst and even hold endoscopes into deep seated targets with sub-milimetric accuracy. It uses image guidance navigation. The utility of this robot is in epilepsy surgery, functional neurosurgery, brain tumour surgery and even hydrocephalus and endoscopic surgeries. User laser, under MRI guidance, even tumours can be ablated without opening the brain.

Faculty Appointments and Promotions

Congratulations to following faculty members on their appointments and promotions:

**Professors**
- Dr. Subodh Sagar Dhakal (Medicine)
- Dr. Sunil Raja Manandhar (Paediatrics)
- Dr. Alok Sagtani (Oral & maxillofacial Surgery)
- Dr. Robin Joshi (Surgery (Urology))
- Dr. Siddhartar Dixit (Dental (Prosthodontics))
- Dr. Punam Dixit (Basnet) (Dental (Endodontics))

**Associate Professors**
- Dr. Mahesh Bhattarai (Cardiology)
- Dr. Natalia Oli (Community Medicine)
- Dr. Eliz Aryal (Dermatology)
- Dr. Bikram Shaky (Neurosurgery)
- Dr. Kiran Shaky (Ophthalmology)

**Associate Professors**
- Dr. Sanat Chalise (Pathology)
- Dr. Binaya Shrestha (Pharmacology)
- Dr. Jenash Acharya (Forensic Medicine)
- Dr. Jyotshla Sharma (Obs/Gyn)
- Dr. Megha Pradhan (Dental (Prosthodontics))
- Dr. Manisha Sharma (Microbiology)
- Dr. Pranaya Khanal (Nursing)
- Ms. Pushpa Parajuli (Medical)
- Dr. Smriti Mathema (Paediatrics)

**Assistant Professors**
- Dr. Krishan Kumar Tyagi (Dental (Oral Pathology))
- Dr. Lajana Shrestha (Dental (Prosthodontics))
Assistant Professors
Dr. Dilesh Pradhan Dental (Prosthodontics)
Dr. Deepak Kumar Roy Dental (Conservative Dentistry and Endodontology)
Dr. Rupak Bishwokarma (Ghimire) Dermatology
Dr. Munia Bade Dermatology
Dr. Elina Shrestha Dental (Prosthodontics)
Dr. Dipesh Shyakya Dental (Orthodontics)
Dr. Pawana Kayastha Dental (Pedodontist)
Ms. Dayana Shyakya Nursing
Ms. Shrijana Pandey Nursing
Ms. Sabitra Poudel Nursing
Dr. Siddharth Ghimire Dermatology
Dr. Prakash Poudel Dermatology
Mr. Sanjay Kumar Yadav Anatomy
Dr. Priyanka Shrestha Anatomy
Dr. Sabina Shrestha Anatomy
Dr. Sweta Dhital Anatomy
Dr. Amrita Shrestha Anatomy
Mr. Naveen K Shreevastava Anatomy
Dr. Anup Shrestha Anatomy

Assistant Professors
Dr. Rhydam Basnet Pediatrics
Dr. Surakhchhya Gautam Pediatrics
Dr. Sangita Thapa Pediatrics
Dr. Sushila Lama Moktan Pediatrics
Dr. Ujma Shrestha Pediatrics
Dr. Bikash Chaudhry Dental
Ms. Pramila Baral Nursing Program

Lecturers
Dr. Yugal Limbu Surgery
Dr. Sumir Keshari ENT
Dr. Sandarwa Giri Biochemistry
Dr. Preeti Singh Adhikari Oral Pathology
Dr. Suman Kafle Biochemistry
Dr. Smiti Kharel Endodontics
Dr. Shreyo Bastakoti Dermatology
Dr. Garima Regmi Dermatology
Dr. Navin Kumar Mishra Medicine
Dr. Arvind Kumar Chaudhary Radiology

KMC initiates Super-specialisation MCh (Magister Chirurgiae) courses
KMC has received permission to admit and start classes for MCh (Magister Chirurgiae) effective from March 14, 2020 for MCh courses in Plastic Surgery, MCh Gastro surgery and MCh Urosurgery. Total of 4 MCh seats has been granted by Medical Education Commission and KU. Associate Professor Dr. Krishna Dhungana has been appointed as the Co-ordinator of DM and MCh courses. Congratulations and best wishes to Dr Krishna Dhungana on his appointment as the Co-ordinator.

Postgraduate MD MS seats
KMC has received permission to train 71 MD MS residents in 17 subjects in comparison to 51 seats in 14 subjects last year.

PG seats for M.Sc. Nursing Programme
KMC has received permission to conduct 8 postgraduate (PG) seats for M.Sc. Nursing Programme this year in comparison to four seats last year. M.Sc. courses shall be in Adult health nursing under Associate Professor Sabita Pandey, Associate Professor Roshaneed Shrestha, Paediatric Nursing under Associate Professor Indira Pradhan and midwifery is under Associate Professor Narayani Paudel and Associate Professor Puspa Parajuli.

Academic activities during lockdown period
On line teaching started from 12th April 2020 as per instruction of KU. Interns and residents were requested not to take leave as they are on service side. Reporting on e-classes was carried out on a regular basis. KMC geared up to take internal exams via internet in co-ordination with software developers.

The Journal of Kathmandu Medical College (JKMC) has made a major change to its editorial board by bringing in many new faculties from different programs so as to ease the process of publication of a variety of scientific publications from different medical fields. JKMC’s current team consists of the following faculties:

Journal of Kathmandu Medical College: Update

KMC has also recently updated its website and has started using the new platform of the Open Journal Systems. It has been taking submissions of the journals via the new submission portal of the journal website, which has made the manuscript submission and tracking much easier.
Covid 19 was first identified in December 2019 at Wuhan, China. Entire healthcare field was alarmed by media about the harm it was producing globally. WHO declared Covid-19 outbreak a Public Health emergency of international concern on 30th January 2020 and a pandemic on 11th March 2020.

KMC immediately (12th March 2020) started its preparation to fight against this deadly infection with the motto of “Do not Panic, Be cautious and save lives.”

Main Principles of this fight against Corona was –
1. Collective and united effective effort policy
2. Follow instruction of KU for academic activities/MoHP for Health care service
3. Uninterrupted Provision of the general health care service.
4. Providing respectful health care service to Covid affected people.
5. Protecting healthcare service providers to our best of the Knowledge and resources.
6. Effective Communication with all stakeholders
7. Creating awareness among our clients
8. Training and motivating our service providers of different streams and level

Following above Motto and principle following decisions and actions have been made so far-
1. Communicated to MoHP, KU and Nepal Medical Council seeking their guidance in the new context.
2. Communicated with Local Government at Duwakot
3. Visit of then Hon Minister of Tourism and Civil aviation Mr. Yogesh Bhattarai, CDO of Bhaktapur, Mayor of Changunarayan municipality, CCMC representative to KMC Duwakot hospital to assess the feasibility of turning this Hospital into quarantine or isolation center.
4. National Task force commander, Director General of Health and other Distinguished personalities of Government also visited KMC.
5. The government on 1st April 2020 published the list of hospitals for treatment of COVDI-19 across the country. KMC Duwakot Hospital was recognized as level 1 Hospital for Covid.
6. Total of 151 beds prepared dedicating them to serve Covid positive patients. 132 beds at Duwakot- (22 cabins /100 general beds /10 ICU beds with Monitors and ventilators made ready: 19 beds at Sinamangal - (Annex B - 7 cubical / 10 bedded Covid ward /Annex A Block -2 ICU Beds identified with ventilator for critically sick patients.
7. A task force committee (Rapid response team) was formed on 30.11. 2076 with Principal and Medical Director as advisors and Head of Department of Medicine as Coordinator Team leader. The team consisted of faculties from various departments as well as representatives from Duwakot Hospital, Nursing Department, administration and staff.
8. Duty rosters have been regularly prepared and shared.
9. Covid response and treatment plan of KMC developed and published in the form of a booklet. This has been the main guideline for managing covid patients so far.
10. Planned and executed Screening and testing the suspected cases - Thermo scan at the main gate/ running 24 hours fever (Covid-19) screening clinic/ Secondary triaging at the entry point.
11. Entry points/ pathways/areas of service/protective gears managed according to WHO/Government recommended guidelines.
12. Provision of the general care service ensured with minimal required manpower on rotation basis during lockdown.
13. Nursing college, 6 OPD rooms /16 beds at Prefab block
and Rooms at Duwakot are used for quarantine purpose of the service providers.

14. Procured and prepared PPE sets, N95, other masks, gowns, caps, scrub dress/visors as much as possible (Process still continues). Organisations like Deurali Janta Pharmaceuticals, Sikhar insurance, Bhaktapur municipality, America Nepal Foundation and people like Mr Mahabir Pun and others donated protective gears /aerosol box/ corona booth significantly to KMC. Organizations like Himani Trust and Chandra Devi Foundation were the major donors for protective gears.

15. Infection Prevention measures taken -Increasing Hand washing facilities in the Hospital. Provision of sanitizers at every possible sites like Biometry site, class rooms, wards, OT, offices, meeting rooms etc./ arrangement of college transport facility/ regular and adequate cleaning

16. New chest clinic, 2 new labour rooms and new area for emergency purpose developed.

17. Neurosurgery department shifted to Surgery ward and neurosurgery OT utilized to serve Covid suspected patients. A separate entry for clients and staffs created. In order to minimize contamination a specialised scavenging system has been connected to the anaesthesia machine.

18. Senior citizens and pregnant employees requested to stay home on their accumulated earned leave.

19. Tried to Communicate adequately with all following stakeholders to provide quality service at this challenging time – Nepal Government (Central and Local, HEOC, CCMC), KMC Board, Regulating Bodies including Medical Education commission, PMCA, Head of Departments Clinical side/ Pathology & Com Med, Nurse In Charges, Utility staff, etc.

20. Public awareness created with Weekly in house press release /Telephone number of 53 KMC Clinicians posted on social media /Leaflet on common ways to be protected from Covid 19 patients prepared and put to each OPD tickets of our clients coming to seek the service at KMC/ Involvement of Online/TV/Press media to share our views on how to prevent and treat corona infection

21. Regular Training and motivating the health care providers and employees

22. PCR lab set up, Approval from Government Obtained and service started from 4th Shrawan 2077. We are extremely thankful to NPHL and MoHP for the kind approval.

Quick Response Team Established at Kmc

Quick Response Team (QRT) is a team of health care providers liable to respond emergency patients of hospital during their stay in hospital. It is also integrated, first responder and responsible for coordinating the activities of hospital.

Quick Response Team was established with the initiation of CMC Dr. K. P. Sharma under the supervision of Matron, Asst. Matron and Sister In charge of Emergency Department on 2077/05/30 with four nursing staff in a team with the aim of providing quick and quality health care services to the patients in emergency department.

As a team member all staff are required to provide quick response and treatment to the patients attending in Emergency department. Quick Response Team (QRT) is a team of health care providers liable to respond emergency patients of hospital during their stay in hospital. It is also integrated, first responder and responsible for coordinating the activities of hospital and members are providing 24 hours services through Emergency department.

Vaccination against Covid-19 continues at KMC

KMC is one of the initial hospitals to vaccinate healthcare professionals and frontline workers against Covid-19 in co-ordination with the Ministry of Health and Population, Government of Nepal. The first dose of the Covishield vaccine against Covid-19 has now been administered to hundreds of healthcare professionals at a specific designated clinic for vaccination. All frontline staff that voluntarily chooses to get vaccinated are mandatorily kept on observation in a specific allocated area for at least half an hour after vaccination.

KMC has continued to vaccinate general public as per the protocol of Ministry of Health at both KMC Sinamangal and KMC Duwakot hospital.

Large number of frontline staff affiliated to Armed Police Force, airlines sector and others have received vaccination against Covid-19 at KMC.

Publication on Covid-19

Prof. Baburaja Shrestha has been involved in an international publication on COVID-19 titled “Intensive Care Management of Corona virus disease 2019 (Covid-19): Challenges and Recommendations” which has been published in the reputed journal “The Lancet” on April 2020.
Department of Anaesthesiology and Intensive Care preparation during Covid-19 Pandemic

KMC’s Department of Anaesthesiology and Intensive Care of KMCTH has prepared well for the COVID pandemic. All patients posted for surgery are being catered to with elective cases being done after their PCR tests come negative. As for the emergency cases, surgeries are done in a separate OT taking full precaution as advised by Nepal Government and KMC guidelines. We have designated Neuro-OT (in the first floor) as the special OT for COVID suspected patients. A separate entry for patients and the staff have been created. In order to minimise the contamination risk to the healthcare workers, a specialised scavenging system has been connected to the anaesthesia machine. This system decontaminates the air coming out from the patient with the help of UV irradiation and the exhaust is then immersed into Potassium permanganate solution. All the emergency Lower segment cesarean sections (LSCS), in whom PCR test are not sent are being conducted in separate Obstetric OT in the second floor. From Chaitra 11, 2076 (since the lockdown started) till date, we have provided anaesthesia to 520 patients. The department has also been actively involved in providing airway and ventilator management to patients in PICU where COVID suspected and now COVID positive patients are admitted. Apart from this, we have anaesthetised 141 parturients for emergency lower segment cesarean section in Obstetric OT and to 27 cases in the Neuro OT. Among them, many cases have later turned out to be COVID positive. We have been providing services to our patients irrespective of their PCR status and while doing our duties diligently, sadly, few of our residents, doctors and nurses have been infected with COVID-19 and are currently under home isolation.

Visitor Counseling Cell

With the new concept and initiation of CMC Dr. KP Sharma on 2077/08/15 the Visitor Counselling Cell (VCC) was established with five members under the supervision of PR manager Dipak Kumar Basnet and Assistant Matron. The VCC team is a team of nursing which gives 24 hr service through counselling room situated in KMC red building. The main objective of VCC is to raise the standard of care to the highest level by improving the existing channel for the establishment of two way communication between visitors and hospital management. Thus, we can deliver better and quality health service. VCC covers most of the areas and focuses more on critical areas such as Intensive Care Unit.

From the starting to till date 2077-9-29 VCC have provided counselling service to 966 visitors. Visitors have given positive response towards VCC as they were informed about bed charges, oxygen charges, ventilator charges, evening doctors round etc. For more effectiveness the planning of cell phone for VCC groups and on duty doctors on VCC room is in process.

Department of Psychiatry provides Psychiatric/ psychological support to KMC frontline healthcare professionals and Covid-19 patients

Multiple sessions of psychiatric/ psychological support were provided to healthcare professionals working on frontline at KMC treating Covid-19 patients. Support were also provided to Covid 19 positive patients being admitted to isolation ward in KMC Duwakot via telephone and video calls as per the requirement of the patients.

NURSING Management of Covid-19

Nursing Management at KMC has been for Covid-19 has been planned as follows:

- Communicate with matron and housekeeping for shifting of patient and housekeeping staff.
- Staff's duty schedule fixed to 8 hours with PPE.
- Patient transferred to isolation along with staff on PPE, and area disinfected after transfer of patient.
- Communicate with pharmacy and canteen to provide food and medicine to patient.
- Co-ordinate with store to supply equipment such as gloves, hand rub and PPE etc.
- Communicate with pathology and radiology department for various diagnostic tests.
- Provision of isolation to exposed staff

Covid-19 PCR Diagnostic Test Cost Reduced to almost half the minimum cost recommended by Nepal Government

KMC was the first hospital to take the initiative to decrease the cost of COVID-19 PCR to almost half of the cost recommended by Government of Nepal. With this the cost of test at KMC became lowest in Nepal and benefited general population of Nepal during the Covid-19 Pandemic. KMC has also been providing Covid-19 PCR test continuously for 24 hours. Till date, more than 80 thousand tests have been performed at KMC.

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KMC faculty and residents of Department of Psychiatry involved in providing free consultation via hotline number during Covid-19 Pandemic

All the faculty members and residents of Department of Psychiatry KMC have been actively providing service to hotline service that has been launched in response to Covid-19 by NCell Telecom in collaboration with Psychiatrists’ Association of Nepal. A hotline number (9805554501) has been dedicated to combat and address various psychological effects that the general public are going through during the crisis period of Covid-19 pandemic. This hotline aims to provide free psychiatric telephone consultation to any member of general public who requires such service.

Fighting COVID-19 through Community Medicine

Department of Community Medicine was fighting COVID-19 since 10th April by orientating on contact tracing KMCTH on the 28th May. With the rise of cases in KMCTH, the numbers of contact tracing also increased. The number of contact tracing done in KMCTH was for over 250 people.

Initiation of Medico-legal Services in Kathmandu Medical College, Duwakot

Department of Forensic Medicine, Kathmandu Medical College has recently been provided with permission to conduct medico-legal casework (Ref: Medico-Legal Sewa Sanchalan Nirdesika 2075:3 (5) of Ministry of Health and Population, Nepal) from 2076-10-01 at its Medico-Legal Centre located in Duwakot. The permission was granted from Ministry of Health and Population, Medico-legal Sewa Sanchalan Samiti following inspection by forensic experts committee. Medico-legal centre, KMC Duwakot has conducted 50 autopsies and 30 Clinical Forensic Examination (Age estimation, examination of sexual violence, mental state examination) till end of July 2020 since initiation of its services.

Research and Trainings

bRISK Brainstorming Meeting for Training on Prevention and Control of NCDs

KMC is implementing a project titled ‘Building research capacity for prevention and control of non-communicable disease risk factors in Nepalese population’[bRISK] in a unique collaboration with Patan Academy of Health Sciences (PAHS), Institute of Medicine (IOM), Kathmandu University School of Medical Sciences (KUSMS) and Harvard TH Chan School of Public Health (HSPH). During the one-year period of the project, formative situational assessment was done with stakeholders including academicians, researchers, policy-makers, program implementers, Masters level students and young graduates of public health; desk review of curricula of Masters level programs in public health and community medicine; and consultation with experts. The main aim of the situational assessment was to develop vision and strategies for a research training program to enhance Nepal’s research capacity on epidemiology, surveillance, prevention and control of NCD risk factors.

A brainstorming meeting was conducted on 23th February 2020 to share the findings from formative situational assessment and to develop vision and strategies for the targeted research training program. Dr. Pradeep Gyawali, Executive Member Secretary of Nepal Health Research Council, along with representatives from the partnering institutes, NCD Alliance Nepal, Nepal Public Health Association, Center for Research on Environment Health and Population Activities, DFID, ICIMOD and other government organizations, youth led organizations, School of Environmental Science and Management, KIST Medical College, attended the program. KMC was represented by Department of Community Medicine, Institutional Review Committee and Research Committee. Furthermore, discussions were done about on the six major focus areas: collaboration, consortium, training, mentor, mentees and content of the program which gave insights and ideas for development of the envisioned research training program.
Basic Critical Care Training provided to nursing staff at KMC

Specialty training, Basic Critical Care Training (BCCT) was provided to nursing staff at KMC at 2 phases. This training will enable nurses from different background to analyze critical problems in critical area and emergency situation which might help to prevent patient from serious complications of surgery, trauma and infections. After the training, nurses will be better knowledgeable and skillful to perform critical care effectively and efficiently to ensure the delivery of safe, holistic and quality care to the patients.

Second phase of BCCT was organized from 2076/09/20 to 2076/10/24 with involvement of 25 participants from different department by formulating core committee from Clinical Nursing Department (with 4 incharge Nurses who are Critical Care Trainer) in collaboration with Medical Education Department. This training will also help to make a pool of trained nursing staff who can work in critical area as and when needed for example during shortage of nursing staff.
Neuro-nurses program

After the establishment of Advance Neurosciences Centre, under which all three departments of Neurosurgery, Neurology and Psychiatry have come together to provide a combined evidence based comprehensive care to patients with neurological disorders, in an attempt to assist patients and provide information of the services of the hospital, neuro-nurse program was started on March 11, 2077. This service was started after an initial in-house study revealed major reason for left against medical advice to be mis-informed attendants or lack of information.

Under this program, a senior nurse trained in neuroscience is posted in emergency department who assists patient treatment and guide the family members through the admissions and treatment process. They follow a checklist protocol in counselling patients and their attendants to allay their fear and anxiety regarding outcome of treatment.

Over the last 5 months of service, neuro-nurses program have received accolades for their services. A Quality Improvement (QI) study showed almost 25 percent decrease in left against medical advice in patients attending emergency services following the start of this program.

The nurses are also involved in tele-health program called “hello Neuro” program which is planned to be launched soon.

Student News

Workshop on BLS/ACLS

The students of M. Sc. Nursing 2nd year conducted a workshop on basic life support and advanced cardiac life support on 25th March 2021. The workshop was moderated by Associate Professor Roshanee Shrestha; Assistant Professor Sabitra Poudel and Assistant Professor Dayana Shakya. The one-day workshop contained classes and hands on training on BLS as well as ACLS. The students of B. Sc. Nursing 3rd year participated in the workshop and found it very informative and useful. They could practice the skills themselves which proved very fruitful for them. All the faculty members of the Nursing program participated in the training.

We congratulate M. Sc 2nd year students for this very productive workshop!

Student exchange programmes in KMC: 4th year BSc Nursing students visit Sweden

Students from Norwegian University of Science and Technology, Norway, Mari Haarstad, Helene Sletten Haraldsen, Emma Lyslø and Sofie Karløsen Amundsgaard visited KMC under a student and teacher exchange program with NTNU and started their posting in different wards of KMC. Under a similar exchange program with Linkoping University, Sweden, nursing students of KMC from 4th year, Ms. Prava Rijal and Ms Sunita Katwal are currently visited Sweden from January to March.

KMC MBBS students and residents conduct School Health programme

MBBS 7th semester students posted in Community Medicine conducted school health programme in Shree Shringeri Community secondary School situated in Lamatar, Lalitpur on 13th February 2020. KMC students conducted programme along with residents Dr. Sabita Jyoti, Dr. Prasanna Lama and Dr. Nikita Bhattarai under the supervision of Dr. Pratibha Manandhar. They delivered presentations of NCD, Menstrual Health and Hygiene, safe motherhood and Corona Virus. Topics were selected with consultation of the Principal of the school and Health and Population teacher. School health programme was delivered to 100 students from grade 6-9. School students were very enthusiastic and they asked a lot of queries as well.
KMC Nursing Students conduct Covid-19 awareness programme in the community

The students of B. Sc. Nursing 1st year, 15th batch conducted multiple health education programmes in ward no. 1 and 3 of Changunarayan, Bhaktapur during their community posting in January and February 2020. As per the situation, awareness about Covid 19 was most targeted as it was a novel virus that many did not know about. Besides Covid, health education on sanitation, hygiene and other communicable diseases were also carried out under the supervision of Ms Jyoti Badan Tuladhar and Ms Rashmi Sakha. With the purpose of imparting awareness through entertainment, the students also conducted drama related to old age care and exhibition for the community people.

MBBS students from NMCTH and KISTMCTH visit Autopsy Centre of KMC Duwakot for practical postings

MBBS students from Nepal Medical College and teaching hospital (NMCTH) and KIST Medical College and Teaching hospital (KISTMCTH) visited Autopsy Centre of Kathmandu Medical College, Duwakot for their 10 days practical postings under supervision of Forensic Medicine Department, KMCTH. Till date, 184 medical students from NMCTH and KISTMCTH have undergone the 10 day rotation with exposure in clinical forensic medicine and observation and assistance in medicolegal autopsies.

Experience of a foreign MBBS second year student (Indian Student) at KMC (from students’ words)

Entering a new place miles away from ours to get higher education has always been a thing from past. When we decide of doing Medicine we get ourselves into a huge responsibility of saving lives and helping people. We have to be determined to it. Our journey in Kathmandu Medical College began with hopes of new beginning in our lives. We looked forward to it and each day here taught us so much more. Our faculty, classmates, higher faculties, director's have always guided us and helped us to do our best. Our slightest worries were resolved both by our teachers and college staff. The campus environment is very friendly, social and cultural. We have celebrated so many festivals together. There is a huge place for all of us to do our part of activities in the play court.

Other News

KMC hosts Panel discussion on clinical aspects of Non-communicable diseases

KMC hosted a training/CME program for the students of the Harvard T H Chan School of Public Health on January 6, 2020. Dr. Natalia Oli moderated the panel discussion, while the Harvard students enthusiastically participated in the discussions. The Harvard students also visited the various wards of the hospital, and interacted with patients suffering from NCDs. The tour was guided by the residents of Community Medicine Dr. Kiran Acharya, Dr. Prasanna Lama, and Dr. Nikita Bhattarai, who are also participating in the Harvard Winter Field Course.

Anaesthesiology Webinar

Dr. Ujma Shrestha was involved in a webinar organised by the Society of Anaesthesiologists of Nepal (SAN) on July 11, 2020 where she presented on how the department has been dealing with the surgical cases during the pandemic. She also participated in a Focused Group Discussion organised by the World Federation of Society of Anaesthesiologists (WFSA) Committee on Safety and Quality of Practice titled “To Identify Barriers to Safe Anaesthesia Practice in South Asian Countries”.

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Celebrating Breastfeeding Week

KMCTH’s Breastfeeding Promotion Committee celebrated Breastfeeding week on the occasion of World breast feeding week 1st August to 7th August with the theme “Support Breastfeeding for A Healthier Planet”. Practical orientation training on Breast feeding and new born care was provided in Obstetrics Post-Operative ward from 1st August on occasion of world breast feeding week for training module consistency about importance of breastfeeding to mother and newborn, proper breastfeeding technique position and attachment, newborn care including eye and umbilical cord care, Vitamin K injection, sugar monitoring, temperature maintain and identifying danger signs in newborn for breastfeeding supporting group.

KMC Faculty selected for Bernard Lown Scholars

Dr. Natalia Oli, Associate Professor at the Department of Community Medicine, Kathmandu Medical College, has been selected for the one year Bernard Lown Scholars in Cardiovascular Health Program in Department of Global Health and Population at the Harvard T.H. Chan School of Public Health, USA. Her research work under this program aims to explore food literacy regarding nutrition labeling with a socio-economic status perspective in Kathmandu.

KMC Faculty graduates from Global Child Health Leadership Program

Dr. Smriti Mathema, Associate Professor of Pediatrics, KMC has successfully graduated from the 2 and ½ years long IPA-LEAD program with International Pediatric Association (IPA) and Global Health Leadership Initiative (GHLI), Yale University. She feels honored to have been selected to represent Nepal in a global leadership platform and to be able to build a leadership project through this program to strengthen vaccinology expertise in the country.

Orientation Programme for PG (Postgraduate) Residents

An orientation programme for first year PG residents was held at KMCTH Sinamangal on 3rd Baisakh 2078. The programme was held to welcome first year residents pursuing MD, MS, MDS and MSc Nursing programme at KMC. During the orientation, KMC Principal Prof. Dr. Ratindra Nath Shrestha, Medical Director Prof. Dr. Arpана Neopane, Vice Principal Prof. Dr. C.P. Bhatta, Vice Principal Dr. Natalia Oli, Vice Principal Dr. Pranaya Khanal as well as current postgraduate students oriented new residents on their future steps ahead at KMC and beyond.
KMC introduces Online Hemodiafiltration (Online HDF)
KMC has introduced online HDF service from 29th January, 2020. This innovative technology will ensure highest quality of health to patients with End stage renal Disease with affordable cost. Three days training on online HDF was conducted at KMCTH, Sinamangal from 27-29th January, 2020 with trainers from Hong Kong who provided training to hemodialysis nurses from different hospitals of Kathmandu including dialysis technicians. Department of Nephrology feels extreme happiness on starting such a novel treatment at Kathmandu Medical College Teaching Hospital.

KMC Professor presents at World Ophthalmology Congress 2020
Professor Dr. Sabina Shrestha presented a paper on “Outcome of Strabismus surgery” and a poster titled “Contrast Sensitivity among diabetic patient” at the World Ophthalmology Congress 2020 Virtual held from 26th-29th June 2020.

128 Slice CT scan installed at KMC
128 Slice CT scan (SIEMENS) has been installed at KMC. CT scan service via this equipment has been initiated as well. This CT scan will highly improve service provided to the patients at KMC as it covers scans of major organs and all types of angiography. Prof. Dr Narayan Bikram Thapa, HoD Radiology and a highly motivated team of radiologists are involved in providing radiology services at KMCTH.

Condolence
We are deeply saddened by the untimely demise of KMC Board Member Mrs. Shobhana Pokharel. Her death is a huge loss to KMC. Her contribution to the development of KMC will always be remembered. We express sincerest condolences to the bereaved family and friends.

Condolence
KMC would like to express heartfelt condolence on the demise of Prof. Dr. June Thapa who was the pioneer in developing Department of Obstetrics and Gynaecology in KMC and was long associated with KMC. We pray for her eternal soul to rest in peace and would like to express condolences to bereaved family and friends. KMC board has decided to honor her by naming Department's ward after her name as Dr. June Thapa Obstetrics and Gynaecology Ward.
KMC Health Camps

Free Health Camps conducted by KMC Teaching Hospital

Kathmandu Medical College and Teaching Hospital has conducted 16 free health camps from 18th Falgun 2077 at various locations of Nepal which have benefited more than 41 thousand patients. More than 28 hundred patients required OT service as well. Free health camps were conducted at the following locations as follows:

<table>
<thead>
<tr>
<th>S.N.</th>
<th>Date</th>
<th>Location</th>
<th>Patients benefited</th>
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<tbody>
<tr>
<td>1</td>
<td>2077-11-18</td>
<td>Aalapot, Sankhu</td>
<td>1133</td>
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<tr>
<td>2</td>
<td>2077-11-19</td>
<td>Panauti, Kavre</td>
<td>941</td>
</tr>
<tr>
<td>3</td>
<td>2077-11-25</td>
<td>Shankharapur, Sankhu</td>
<td>792</td>
</tr>
<tr>
<td>4</td>
<td>2077-12-01</td>
<td>Chhampi, Lalitpur</td>
<td>875</td>
</tr>
<tr>
<td>5</td>
<td>2077-12-03</td>
<td>Jhaukhel, Lalitpur</td>
<td>983</td>
</tr>
<tr>
<td>6</td>
<td>2077-12-05 to 2077-12-11</td>
<td>Suryagadi, Dupcheshwor, Nuwakot</td>
<td>6310</td>
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<tr>
<td>7</td>
<td>2077-12-12</td>
<td>Bungmati, Lalitpur</td>
<td>758</td>
</tr>
<tr>
<td>8</td>
<td>2077-12-13</td>
<td>Mahila tatha Balbalika Uthan Kendra, Baneshwor</td>
<td>653</td>
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<td>9</td>
<td>2077-12-18</td>
<td>Rajmarg Samudayik Hospital Dhading</td>
<td>1014</td>
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<td>10</td>
<td>2077-12-20 to 2077-12-22</td>
<td>Zero Kilo Kavre and Thangpal, Sindupalchowk</td>
<td>4855</td>
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<tr>
<td>11</td>
<td>2077-12-25</td>
<td>Sinamangal Pulpari Kathmandu 11</td>
<td>653</td>
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<td>12</td>
<td>2077-12-27</td>
<td>Naikap</td>
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<td>2078-1-03 to 2078-1-09</td>
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<td>2078-1-6</td>
<td>Baneshword, Kathmandu</td>
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<tr>
<td>16</td>
<td>2078-1-12</td>
<td>Gokarna, Kathmandu</td>
<td>2043</td>
</tr>
</tbody>
</table>

Patients Benefited: 41257

Eye camp

2. Department of Ophthalmology organized an eye camp in association with Rotary Club of Kathmandu on 31st January 2020 at Shree Chunadevi Secondary School, Nagarkot. A total of 230 students were examined among which maximum number of students had refractive error.

General Health Camps

A free medical health checkup camp for students, teachers and parents was organised by KMC in association with Nabin Boarding School Jhaukhel on Magh 23, 2076. Camp included general practitioners, Paediatrician, Ophthalmologist and Dentist faculties and residents. Approximately 242 patients came for health checkup, 133 in medicine, 29 in pediatric, 35 in ophthalmology and 45 in dental department.

KMC in co-ordination with Rotaract Club of KMC jointly organised Free Health Camp at Pashupati Nath area providing Health service to around 400 pilgrims during auspicious occasion of Shivaratri. The camp was attended by staff including doctors, nurses and others. Health camp aimed to provide health care to devotees and visitors attending UNESCO World Heritage Site Pashupati Nath during Maha Shivaratri.
Health Camp conducted by KMC

Refraction being performed at eye health camp

सेवाग्राहीहरूलाई HELLO KMC बारे जानकारी

काठमाडौं मेडिकल कॉलेज शिक्षण अस्पतालमा अपलब्ध अधिका स्वास्थ्य सेवा तथा उपचाररूपको बारेमा जानकारी दिनको लागि HELLO KMC को सुरुवात गरिएको छ । यो सेवा २४ घण्टा उपलब्ध हुने अपकोले तल दिनको फोल ले भा सतर्क गरी जानकारी लितै हुन सम्पूर्ण सेवाग्राहीहरूलाई अस्पताल प्रशासन अनुरोध गर्दछ ।

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KMC Chairperson Dr. Sunil Sharma during a programme at KMC

KMC Principal Dr. Ratindra Nath Shrestha after signing of MoU

New Neonatal Unit at KMC

USG started at emergency department at KMCTH, Sinamangal

128 Slice CT Scan Installed at KMC

Covid-19 Awareness in the Community

Editorial Structure of KMC Times

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