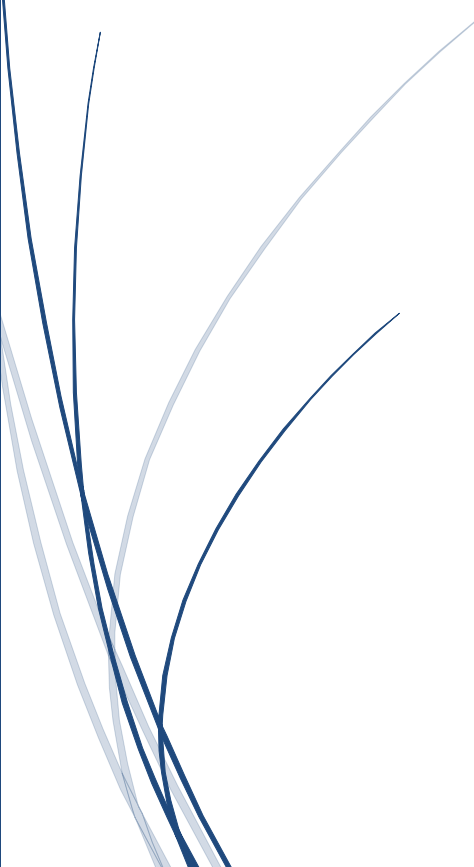




1/2/2018

**Biannual
Official
Newsletter of
Smt. B.K. Shah
Medical
Institute &
Research Centre**



MEDICAL APOGEE VOLUME-2

**Biannual Official Newsletter of
Smt. B.K. Shah Medical
Institute & Research Centre**

2018

Dean-Dr.G.V.Shah

Chief Editor: Dr. Punit Singh

Assistant Professor, Dept. of Ophthalmology

Co Editors: Dr. Aditya Agrawal

Assistant Professor, Dept. of Orthopaedics

Dr.Honeypal Singh Maharaul

Assistant Professor, Dept. of Surgery

Sumandeeep vidyapeeth,Piparia,Baroda,Gujarat.

MESSAGE FROM CHIEF EDITOR

**“Education breeds confidence. Confidence breeds hope.
Hope breeds peace.”—Confucius**

I feel privileged to release 2018 issue of this newsletter which gives a glimpse of all the activities carried out under the umbrella of EBES in our university. Various programmes were held in medical, physiotherapy and nursing colleges for undergraduate and postgraduate students as well as faculty. Dedicated to the cause of learning and teaching, we have upgraded in systematic review and meta-analysis system. Any suggestions to improve upon the activities being carried out presently are sincerely invited.



MESSAGE FROM THE DEAN

The science of medicine is advancing in leaps and bounds. While keeping pace with this abundance of knowledge is a challenge, the greater challenge is to make this available for benefit of our patients especially in regions of the world where access and affordability to health care are major hurdles. Aspiring medical students have the challenge of adapting to these demands of time and society, and medical institutions are faced the onerous responsibility of equipping the students with the necessary knowledge and skills.

The mission of the college is to produce medical scientists who can meet the professional and scientific challenges of the current time. While our endeavour would be to ensure our students are equipped to meet the needs of advanced society, it will also be our effort to bring together disciplines beyond the medical science. I look forward to the continued support of each member of the SBKS MIRC family so that we as a team can live our dreams and hopes.



DEPARTMENT ON ANAESTHESIA

CME on “Mechanical Ventilation” held on 25-02-18



THE CME WAS INAUGURATED BY DR GV SHAH, DEAN, SPEAKERS AND FACULTIES WITH LAMP LIGHTENING.



DR SWATI BHATT PROFESSOR BMC DELIVERED LECTURE ON BASICS OF MECHANICAL VENTILATION.



DR MALINI MEHTA PROFESSOR, PRESENTED MOMENTO TO DR SWATI BHATT



DR M R UPADHYAYA HOD ANESTHESIA DEPT BMC WAS CHAIRING THE SESSION.



DRKAVITA LALCHANDANI ASSOCIATE PROFESSOR PRESENTED LECTURE ON CARE DURING MECHANICAL VENTILATION



DR DEVYANI DESAI ASSOCIATE PROFESSOR PRESENTED VENTILATION STRATEGIES IN DIFFERENT SCENARIO.



ALL THE SPEAKERS AND ORGANIZING CHAIRMAN AND ORGANIZING SECRETARY TOGETHER
AT THE END OF THE SESSION

CME on “Mechanical Ventilation” on 25-02-18 held by Department of Anaesthesia

Organizing Chairperson: Dr.Dinesh Chauhan

Organizing Secretary: Dr.Jatin Patel

Participants: 81

Introduction of the Event / Activity: CME on “Mechanical Ventilation”

Objectives: To impart knowledge of ventilator principles in clinical practice.

Brief Information on Proceeding: Dr. Dinesh Chauhan Welcomed and gave introductory speech. Dr Swati bhatt, Dr. Darshana Patel, Dr KavitaLal Chandani, Dr Devyani Desai, Dr Apeksha Patwa, DrPriya Kishnani, Dr Chaitri shah delivered lectures. Dr Jatin Patel gave vote of thanks.

Conclusion: Overall programme was good and informative.

DEPARTMENT OF BIOCHEMISTRY

CME on “Hyperuricemia Update” held on 09-03-18



**Participants are attending the CME
program on Hyperuricemia**



**Dr. Trushna Shah taking
Session on Hyperuricemia:
Biochemical Aspects**



**Dr. B. M. Sattigeri taking Session on
Hyperuricemia: Pharmacological
Aspects**



**Dr. Ajay Naxanne taking
Session on Association
between Hyperuricemia and
CKD: An Emerging trend**



**Dr. J.D. Lakhani taking
Session on Hyperuricemia
Clinical Aspects**



**Discussion session open on
Hyperuricemia clinical Aspects
by Dr. J.D. Lakhani**

CME on “Hyperuricemia Update” on 09-03-18 held by Department of Biochemistry

Organizing Chairperson: Dr.B.M. sattigeri

Organizing Secretary: MrsTrushna Shah

Participants :103

Introduction of the Event /Activity:

The Nucleotide metabolism is much more important for proper cells and organfunctioning Error in nucleotide metabolism pathway leads to various type of diseases.

Objectives:

The main objectives of this workshop are

To make them understand about the clinical relevance of higher level of uricacid

To Make the participants aware about various aspects of Hyperuricemia

Brief Information on Proceeding:

CME began with blessings of gods’ of saraswati and with Sumandeep prayer followedby welcome notes of respected dean sir, Dr. G. V. Shah.

Conclusion:

This CME was organized with the main aim of discussion on Biochemical andpharmacological aspects of Hyperuricemia with the various clinical importances about Hyperuricemia and later on results of the participants’ responses were also analyzedfor the improvement of our lacking areas.

DEPARTMENT OF COMMUNITY MEDICINE

Workshop on “Spices of Research - A workshop on Reference Management” held on 13-06-18

Spices of Research Photographs



WELCOME Note & Blessings from Respected Dean Sir, Dr. G. K. Shah

Session started with blessings of God by Serv Dharma Project

Registration



1st Lecture
Topic: Citation, Reference & Bibliography & Different Reference styles


Speaker
Dr. Grishma Chauhan

DR. NIRAJ PANDIT
2ND LECTURE



TOPIC
IDENTITY OF RESEARCH AND RESEARCHER

TOPIC
Zotero (Open Source)
Reference Management Software Tool



DR. NILESH PATEL
3RD LECTURE

Workshop on “Spices of Research - A workshop on Reference Management” on 13-06-18 held by Department of Community Medicine

Organizing Chairperson: Dr.Niraj Pandit

Organizing Secretary: Dr.Nilesh Patel

Participants: 24

Introduction of the Event /Activity:

Most of the faculties are facing difficulties in citation and creating reference page while writing research paper and organizing references manually is frustrating job. There are many tools available which can create a bibliography or references page in a matter of seconds.

Objectives:

To sensitize the participants on importance of reference management

To a sound overview of reference management tools and their usefulness in organizing research.

Introduction to various reference management tools

Brief Information on Proceeding:

Workshop began with welcome note from respected dean sir, Dr. G. V. Shah followed by 4 sessions of lecture.

Conclusion:

This workshop was organized with the main aim of discussion on various reference styles which are being used in research writing, various WebID.

DEPARTMENT OF COMMUNITY MEDICINE

CME on “Time for Action : A Review of Cancer Care” held on 27-07-18

Photographs

CME:- Time for Action: A Review on Cancer



Banner



Appraisal of Speaker by Dean Sir



Appraisal of Speaker – Dr Jatin by Additional Dean Sir



Lecture by Dr. Rahul



Appraisal of Speaker by Dr. Niraj Pandit Sir



Appraisal of Speaker

CME on “Time for Action: A Review of Cancer Care” on 27-07-18 held by Department of Community Medicine

Organizing Chairperson: Dr.Niraj Pandit

Organizing Secretary: Dr.Divyang Patel

Participants: 132

Introduction of the Event /Activity:

This CME is an attempt to review Cancer Care practice going on in present time, its application, benefits and possible complications.

Objectives:

To better understand the clinical implications of newer cancer care techniques

To gain a multidisciplinary perspective of the challenges and logistics of cancer Care

Brief Information on Proceeding:

The CME was honored by presence of Dr. G. V. Shah, Dean sir as chief guest. Dean, Dr. G. V. Shah Sir gave welcome note and best wishes for CME. Followed by welcome speech, the sessions were started.

Conclusion:

At the end of the event participants were able to gain some outstanding knowledge regarding recent advances in diagnosis and management of various cancer and comprehensive care approach for cancer care in India.

DEPARTMENT of OBSTETRICS and GYNAECOLOGY

CME on “PREGNANCY AT RISK” held on 23-03-18



Welcome note and blessings by respected Dean Dr.G.V.Shah



Welcome note to the CME by Professor and Head of department Dr.Bakul Leuva.



Session on anticipatory and preparatory management of high risk pregnancies by Dr.Binal Shah



The audience attentive to session on preterm labour

CME on “PREGNANCY AT RISK” on 23-03-18 held by Department of Obstetrics and Gynecology

Organizing Chairperson: Dr.Bakul Leuva

Organizing Secretary: Dr.Rita Gaikwad

Participants: 58

Introduction of the Event / Activity:

CME was held in Dhiraj hospital on “CME ON PREGNANCY AT RISK”

Objectives:

- 1) Highlight points of high risk pregnancy
- 2) Highlights on IUGR, recurrent pregnancy loss and preterm labour

Brief Information on Proceeding:

Opening remarks were given by the HOD .Then 4 sessions on various topics of obstetrics & gynecology were discussed.

Conclusion:

All four sessions were started on time and ended on time with sufficient time followed by discussion of 5 minutes duration. The sessions were interactive and interesting. On analyzing it was observed that all four speakers were found to be very helpful and informative by the participants.

DEPARTMENT OF OPHTHALMOLOGY

CME on "OCULOPLASTY" held on 03/02/18



All the delegates attending the CME.



Innagation of the CME done.



Lecture given by Dr. Paraj



Warm welcome to Dr Paraj shah

CME on OCULOPLASTY on 03/02/18 held by Department of Ophthalmology

Organizing Chairperson: Dr.R.N.Kothari

Organizing Secretary: Dr.Deepak Patel

Participants: 28

Introduction of the Event / Activity:

Several doctors are facing problem in their oculoplasty skills. So this event was held for solving their problems in oculoplasty skills.

Objectives:

To learn about the various lid anomalies.

How to manage trauma in ophthalmology

Brief Information on Proceeding:

First speaker was Dr. R N Kothari who had delivered a welcome speech. Second speaker was Dr. Nitin trivedi on Ptosis examination and management. Third speaker was Dr. Ishan Acharya on Lacrimal sac diseases. Fourth speaker was Dr. Arpan chavda on Lid margin anomalies. Vote of thanks was given by Dr. Deepak patel.

Conclusion:

This CME was organized with the main aim of discussion on various Lid anomalies and their surgeries. Participants were able to understand the various aspects of Oculoplasty

DEPARTMENT OF ORTHOPAEDICS



Certificate

This is to certify that Professor/Mr./Ms. Aditya K. Agrawal participated in BIT's 5th Annual World Congress of Orthopaedics-2018 as a Speaker. The WCORT-2018's overwhelming success was due to your dedication and perseverance of enthusiastic participants. We extend our gratitude and congratulations for your attendance with exceptional effort.



July 25-27, 2018
Milan, Italy



Dr Aditya K. Agrawal was invited as International Faculty and Guest Speaker for World Congress of Orthopaedics at Milan, Italy in July 25-28, 2018.

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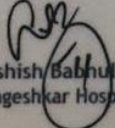
Presented to


Dr. Aditya K Agrawal

has successfully completed

Fellowship in Sport Medicine at Deenanath Mangeshkar Hospital, Pune

from 1st July'2018 to 30th September'2018 under the direct guidance and supervision of Dr. Ashish Babhulkar, Deenanath Mangeshkar Hospital, Pune


Dr Ashish Babhulkar
Deenanath Mangeshkar Hospital, Pune

 **DePuySynthes**
MEMBER OF Johnson & Johnson

Dr Aditya K. Agrawal completed 03 months Fellowship Training in Shoulder & Knee arthroscopy & Sports Medicine at Deenanath Mangeshkar Hospital under the guidance of Prof Dr Ashish Babhulkar in 2018

DEPARTMENT OF PHARMACOLOGY

**Workshop on “Pharmacovigilance Awareness Generation:
Hands on training in ADR form filling” held on 11-05-18**

Pharmacovigilance Workshop Held On 11-05-18



Participants Of The Workshop



Welcome Note By Dean Sir



Lecture 1: Pharmacovigilance Overview By Dr. Shruti Brahmbhatt



Lecture 2: ADR Form Filling By Dr. Nirav Patel

Department Of Pharmacology Workshop on “Pharmacovigilance Awareness Generation: Hands on training in ADR form filling” on 11-05-18 held by Department of Pharmacology

Organizing Chairperson: Dr.B.M.Sattigeri

Organizing Secretary: Dr.ErvillaDass

Participants: 31

Introduction of the Event / Activity:

Understanding on Pharmacovigilance and Hands on technique to fill the ADR forms

Objectives:

For Training of Pharmacovigilance activity

Brief Information on Proceeding:

With an aim to sensitize all the health care providers, the Department of Pharmacology, SBKS MI&RC, Sumandeeep Vidyapeeth; had organized a half day workshop on “Pharmacovigilance Awareness Generation: Hands on training in ADR form filling & causality assessment”. The permission was granted by the Dean and the circular was circulated to all the Heads of Department, along with the programme details.

Conclusion:

Pre and Post session Questionnaire and filling up the feedback forms the workshop was ended in time, all actively participated during the workshop and group discussion

DEPARTMENT OF RESPIRATORY MEDICINE:

CME on "WORLD TB DAY"



CASE REPORT

1.DEPARTMENT OF ANAESTHESIA

Anesthesia Management of a Patient with Dilated Cardiomyopathy Posted for Proximal Femur Nailing (PFN) using Continuous Epidural Infusion

Authors: Dr. Pooja Shah^{1*}, Dr. Sara Mary Thomas², Dr. Kalpesh Patil³,
Dr. Rishita Mehta⁴

1-Assistant Professor, 2-Associate Professor, 3-Assistant Professor
(Cardiac Anaesthesia), 4- 2nd year MD Resident, Department
of Anaesthesiology, Smt. B. K. Shah Medical Institute & Research Centre,
Sumandeep Vidyapeeth An Institute Deemed to be University, Piparia,
Vadodara, Gujarat, India.

*Dr. Pooja Shah

Assistant Professor

*Corresponding email: pooja_249@yahoo.com

Abstract

Dilated cardiomyopathy (DCM) is a progressive disease of muscles of heart characterized by enlargement of ventricular chamber and contractile dysfunction. Anesthetic management of such patients is a challenge as its most common complication is progressive cardiac failure. Hereby reporting the anesthetic management of a patient having dilated cardiomyopathy posted for orthopedic lower limb surgery.

2.DEPARTMENT OF ANAESTHESIA

Anaesthetic Management of Ludwig's Angina: An Anticipated Difficult Intubation.

Dr. Priya Kishnani¹, Dr. Malini Mehta², Dr. Anuja Agrawal³

¹Assistant Professor, ²Professor, ³Associate Professor, Department of Anaesthesiology, Smt. B. K. Shah Medical Institute & Research Centre, Sumandeep Vidyapeeth An Institution Deemed to be University, Piparia, Vadodara, Gujarat, India.

*Corresponding Author: Dr. Priya Kishnani, Assistant Professor

Department of Anaesthesiology, Smt. B. K. Shah Medical Institute & Research Centre, Sumandeep Vidyapeeth An Institution Deemed to be University, Piparia, Vadodara, Gujarat, India.

Abstract:

We are describing here a case of 30year old female came for drainage of a huge progressive painful swelling over neck. Ludwig's angina is an aggressive infection of neck and rapidly progresses to necrotising cellulitis. Oropharynx, submaxillary and sublingual spaces are most commonly involved.^[1]The swelling distorts the anatomy of the airway like displacing the tongue which can cause airway obstruction and thus becoming the most common cause of death in such patients is because of airway obstruction. Ludwig's Angina is seen occurring most commonly followed by a tooth extraction or dental infection. Most of the cases require urgent surgical intervention (incision and drainage) along with proper airway control and antibiotics.

3.DEPARTMENT OF ANAESTHESIA

Popliteal Nerve Block as an alternative to spinal anaesthesia for ankle surgery in comorbid patient.

Dr. Priya Kishnani¹, Dr. Jigisha Mehta², Dr. Malini Mehta³

¹Assistant Professor, ²Assistant Professor, ³Professor, Department of Anaesthesiology, Smt. B. K. Shah Medical Institute & Research Centre, Sumandeep Vidyapeeth An Institution Deemed to be University, Piparia, Vadodara, Gujarat, India.

*Corresponding Author: Dr. Priya Kishnani, Assistant Professor

Department of Anaesthesiology, Smt. B. K. Shah Medical Institute & Research Centre, Sumandeep Vidyapeeth An Institution Deemed to be University, Piparia, Vadodara, Gujarat, India.

Abstract:

Presenting a case report of a 57year old male patient posted for lower limb debridement. Patient was quite co morbid with cellulitis, sepsis, uncontrolled diabetes, multiorgan dysfunction and hemodynamically unstable. Peripheral nerve blockade keeps the hemodynamics more stable as compared to central neuraxial blockade and general anaesthesia¹. Hence, popliteal block with posterior approach complimented with femoral nerve block was given and surgery was successfully carried out.