



BIANNUAL OFFICIAL NEWSLETTER

Smt. B. K. Shah Medical Institute & Research Centre



FEBRUARY 1, 2017

Sumandeep Vidyapeeth

MEDICAL APOGEE

VOLUME-2

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Smt. B. K. Shah Medical Institute &
Research Centre

2017

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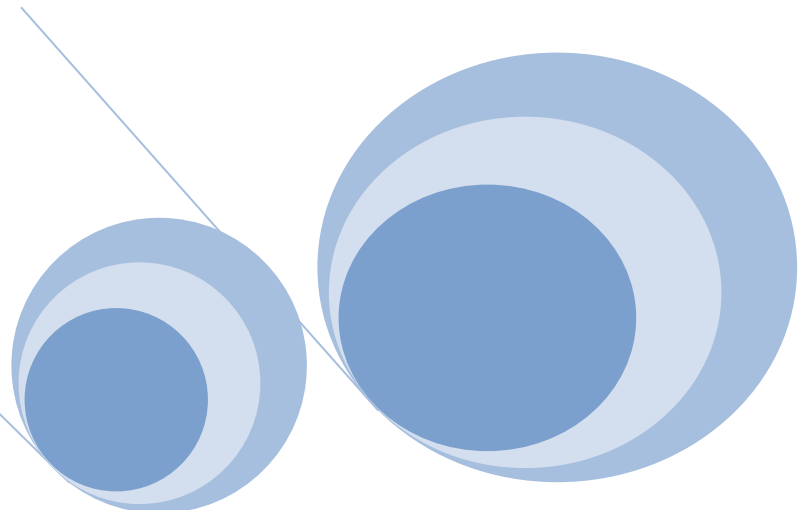
Sumandeep Vidyapeeth

Message From the Chief Editor



“You're only given one little spark of madness. You mustn't lose it”—Robin Williams, as editor I believe it is absolutely true.

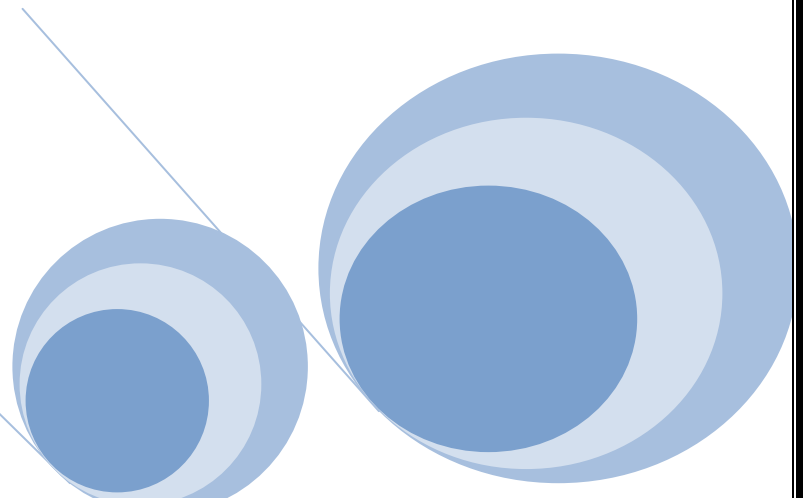
It is truly an interesting and exciting experience when we release E magazine. This magazine is one such cherished work that has its roots in the persuasion. It would be a snapshot of the various activities and advancements for all associated with SBKS MI & RC. Proper communication plays a vital role in institution's development. This E magazine will serve to reinforce and allow increased awareness, improved interaction and integration among all of us. Usually we fail to appreciate the good deeds of many people and activities that happen around us as we are engaged in irrelevant talks and assumptions. It could all change if we just pause to think of what is our contribution to the society from which we have been gifted with this blessed life. The progress of the society is mainly depends on many people who are working behind the scenes, overtime round the clock planning things to the smallest. This E magazine will be a medium to provide proper acknowledgement and respect all of these efforts and its results.



Message From Dean's Desk



Medical Education Challenges the best and the brightest minds to learn the science of medicine and public health; and the art of compassionate care. As one of the nation's premier medical institution; Smt.B.K.Shah Medical College And Research Center (SBKS MI&RC) is dedicated to advancing biomedical knowledge and humane healing through innovative educational methods. In recent years; our SBKS MI&RC has become best place to pursue an education with totally modernized facilities; a redesigned curriculum that introduces early clinical experiences; and new academic partnerships and global initiatives; we are pointed aggressively to the future. We select each new entering class with the intent of ensuring that we will train tomorrow's medical leader ; secure in the knowledge that they will be well prepared to practice their chosen specialties and to meet the needs of the public. I look forward to providing highlights of their contributions in the upcoming months.





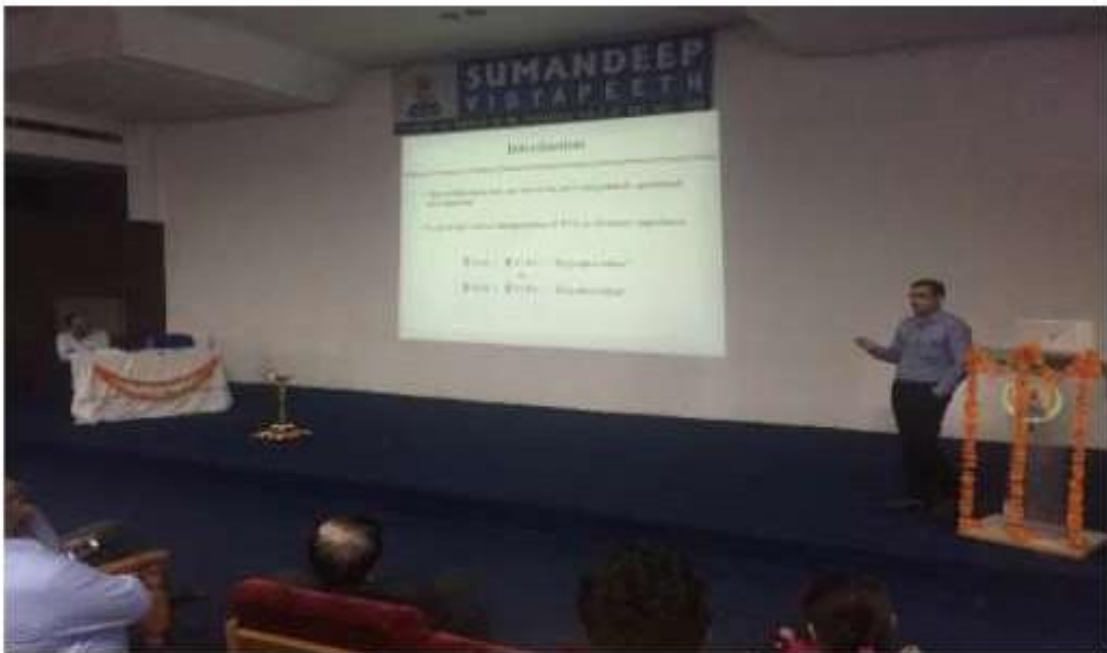
Deep Lighting by honorable Faculties;



Topic: Approach to a Case of Thyrotoxicosis by Dr. Roopal Panchani.



Topic : Surgical Management of Thyrotoxicosis by Dr. Vijay Singh Kumar



Topic: The Difficult to interpret Thyroid Function Test by Dr. Samir Saini

Event: CME on Thyroid Update – 2017- Date : 3/2/17

Organised by: Department of Medicine

Objectives: To give an opinion about thyrotoxicosis and its Mx

Organizing Chairperson: Dr. J. D. Lakhani

Organizing Secretary: Dr. Santosh Kumar

Total Number of Participants:135

DEPARTMENT OF OPHTHALMOLOGY: CME on Tackling Microbials in Ophthalmology: held on 30/3/17



Dr. Mungle giving speech on Microbials in ophthalmology



Delegates attending the CME



Dr. RN Kothari giving welcome speech.



Innagation being held by Dr. RN Kothari

Introduction of the Event / Activity: How to handling micro-organism in Ophthalmology settings. on 30/3/17 held by Department of Ophthalmology

Objectives: For better and satisfactory care of the patient and to overcome any situation like this.

Organizing Chairperson: Dr. RNKothari

Organizing Secretary: -Dr. AdityaDesai,Dr Poonam Rana

Total Number of participants: 29

DEPARTMENT OF OPHTHALMOLOGY



Dr. Punit Singh was invited as Guest speaker at 45th all Gujarat Ophthalmological Conference hosted by Rajkot Ophthalmic Society in September 2017.



Gujarat State Ophthalmic Conference 2017.

Physiology Department: CME on Sleep Disorders: A Drug free Approach: held on 24/3/17

STATE CME ON "Sleep Disorders: A Drug free Approach"
24th March 2017, 1:30 PM to 5:00 PM Venue: Auditorium, SBKS MI & RC

PHOTO GALLERY OF THE CME



Registration counter for delegates



Inauguration of CME by respected dignitaries



Dr. Lakhan Kataria delivering session during CME



Dr. Mahesh Suthar delivering session during CME



Participants of CME

Introduction of the Event / Activity : Sleep disorders: A drug free approach on 24/3/17 held by Department of Physiology

Objectives:

To understand the physiology of sleep

To describe various sleep disorders with management

To explore and understand the drug free approach towards sleep disorders

To outline hypnosis

Organizing Chairperson: Dr. J. M. Harsoda, Prof. & Head, Physiology dept

Organizing Secretary: Dr. Puja Dullo, Associate Professor, Physiology

Total Number of Participants

- **69 (Inside Faculties)**
- **05 (Outside Faculties)**
- **16 (PG Students)**

Department of Radio-Diagnosis: CME on Imaging updates
2017: held on 30/6/17



Registration desk

welcome ceremony



Felicitation of Dr. Harshad shah

Starting of session by God's blessings



During lecture

Tea break

**Introduction of the Event / Activity : Imaging Newer trends 2017: on
30/6/17 held by Department of Radio-Diagnosis**

Objectives:

The main objective of this workshop are Role of CT scan and MRI in Laryngeal imaging and oral imaging CT coronary angiography its basic anatomy and interpretation. Getting step by step approach to CT reporting of congenital heartdisease

**Organizing Chairperson: Dr. Chandra Raychaudhuri, Professor & Head,
Department of Radio-Diagnosis**

Total Number of Participants:47

CASE REPORT

1.DEPARTMENT OF ANAESTHESIA

Title: Cervical plexus block for Hemi-thyroidectomy

Author: Dr. Jigisha Mehta^{1*}, Dr. Priya Kishnani², Dr. Malini Mehta³

1 and 2. Assistant professor 3. Professor

Smt. B.K. Shah Medical institute and research centre, Sumandeep Vidyapeeth (An Institute deemed to be University), Piparia, Vadodara, Gujarat, India.

Corresponding Author: Dr. Jigisha Mehta

E mail ID: jbmehta.28@gamil.com

Abstract:

In an era of Covid-19 infection, where regional anaesthesia is preferred over general anaesthesia, we report a case of 40-year-old female posted for right side hemi-thyroidectomy which was performed under regional anaesthesia and sedation. Combining regional anaesthesia with sedation is known as Sedonalgesia. We had given right sided superficial and deep cervical plexus block to the patient and surgery was completed without any complication.

2.DEPARTMENT OF ANAESTHESIA

ANAESTHETIC MANAGEMENT OF A PATIENT WITH RHEUMATIC HEART DISEASE WITH SEVERE MITRAL STENOSIS POSTED FOR ELECTIVE LSCS , CHALLENGE FOR ANAESTHESIOLOGIST - A CASE REPORT.

Dr KalpeshPatil , MD , FIACTA(Cardiac Anaesthesiology), (Assistant Professor)¹ Dr Dinesh Chauhan MD (Professor &H.O.D)² Dr Lokesh Kumar Jain (2nd year Anaesthesia resident)³

Corresponding author: Dr KalapeshPatil drkalpeshpatil86@gmail.com

ABSTRACT

Cardiac valvular disease in pregnancy is still a major problem worldwide, particularly in poor countries. Out of total incidence of all cardiac disease in pregnancy, rheumatic heart disease(RHD) still remains the major cause in undeveloped and developing countries like India but it is uncommon in rich developed countries resulting in very few studies of anaesthetic management of RHD in pregnancy.(1) In adults, mitral stenosis predominately secondary to rheumatic heart disease is most common valvular disease in poor countries. Womens are affected twice as frequently as men. Hence rheumatic mitralvalvular disease is a one of the major health problem in pregnancy in developing country like India. The anaesthetic management of valvular patients posted for any surgery is often quite challenging as these lesions may lead to pathophysiologic changes in the heart with profound hemodynamic consequences. Hence balanced general anaesthesia technique and analgesia can help in reduction of maternal and neonatal mortality and morbidity.(2)

3.DEPARTMENT OF ANAESTHESIA

Title: “Anaesthetic management of a patient with a permanent pacemaker posted for vaginal hysterectomy”

Authors:

Dr Kalpesh Patil , MD , FIACTA(Cardiac Anaesthesiology),
(Assistant Professor)¹

Dr Dinesh Chauhan MD (Professor &H.O.D)²

Dr Ganesh C Naik (2nd year Anaesthesia resident)³

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

Corresponding author: Dr Kalapesh Patil drkalpeshpatil86@gmail.com

Abstract

Patient with permanent pacemaker require careful anaesthetic management as they are unable to meet cardiac demand by altering heart rate. In this case report 40 year old woman with permanent pacemaker underwent vaginal hysterectomy with aid of epidural anaesthesia. Epidural anaesthesia improves myocardial blood flow and baseline cardiac status is returned.

4.DEPARTMENT OF ANAESTHESIA

Title: “Anesthetic management of a patient with severe cyanotic heart disease (TOF) undergoing cardiac surgery”

Authors:

Dr Kalpesh Patil , MD , FIACTA(Cardiac Anaesthesiology), (Assistant Professor)¹

Dr Dinesh Chauhan MD (Professor & H.O.D)²

Dr Ganesh C Naik (2nd year Anaesthesia resident)³

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

Corresponding author: Dr Kalapesh Patil drkalpeshpatil86@gmail.com

Abstract

Patients with cyanotic heart disease (tetralogy of fallot) require optimal perioperative anaesthetic management. Increasing systemic vascular resistance and decreasing pulmonary vascular resistance minimizes the right to left shunt. In this case report a 13 year old child with tetralogy of fallot was managed peri-operatively with diligent preoperative preparations and well planned anaesthetic technique.