

# BIANNUAL NEWS LETTER

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

# MEDICAL APOGEE VOLUME-I

## BIANNUAL NEWS LETTER

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

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2020

**Dean-** Dr. G.V. Shah

**Chief Editor:** Dr. Punit Singh

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**Co Editors:** Dr. Aditya Agrawal

Associate Professor, Department of Orthopedics

Dr.Honeypal Singh Maharaul

Associate Professor, Department of General Surgery

SBKS MI&RC PIPARIA, WAGHODIA VADODARA

## **MESSAGE FROM EDITOR IN CHIEF**

*“While writing is like a joyful release, editing is a prison where the bars are my former intentions and the abusive warden my own neuroticism.” – Tiffany Madison*

It gives me immense pleasure to write editorial for this newsletter. SBKS MI&RC journal with a vision to promote best medical teaching and care of patient , hope that this newsletter fulfill the purpose to inform ,engage and inspire the diverse readership and help in expanding the horizon of knowledge.



**Dr. Punit Singh**  
Editor In Chief

## **MESSAGE FROM THE DEAN**

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 Institute & Research Centre 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.



**Dr. G.V. Shah**  
Dean

**DEPARTMENT OF ANAESTHESIA**  
**CME on “World Anaesthesia Day Celebration” held on 16-10-19**



INTRODUCTION & WELCOME SPEECH BY DR.ANUJA AGRAWAL, ASSO.PROF.  
DEPT.OF ANAESTHESIOLOGY.



SPEECH BY CHIEF GUEST: DR G.V. SHAH, DEAN

DR.PARESH GOLWALA, ADDITIONAL DEAN,SBKSMIRC



INNOVATIVE AIRWAY DEVICE IN ANAESTHESIA BY: DR. JITIN TRIVEDI, CONSULTANT ANAESTHESIOLOGIST, ANKLESHWAR



GLOBAL WARMING- CURRENT PERSPECTIVE ON INHALATIONAL ANAESTHETIC AGENTS: DR. RIDDHI SHAH, 2<sup>ND</sup> YEAR RESIDENT

**CME ON “WORLD ANAESTHESIA DAY CELEBRATION” HELD ON  
16-10-2019 BY DEPARTMENT OF ANAESTHESIA**

**Objectives:** Awareness about greenhouse effect of anaesthesia gases. Knowing about the innovations in anaesthesia in airway.

**Brief Information on Proceeding:** Dr Anuja Agrawal welcomed with introductory speech. Dr G V Shah and Dr Paresh Golwala chief guests given a short speech. Dr Jitin Trivedi was the speaker who gave a lecture on innovative airway in anesthesia, Dr Riddhi Shah presented lecture on global warming -current perspective on inhalational anesthetic agents.

**Conclusion:** There were total 38 delegates who attended this event and overall programme was good and informative.

**DEPARTMENT OF ANAESTHESIA**

**CME on "Guest lecture: Celodate- A clear Etomidate" by  
DR.MITESH SHAH held on 04-12-19**



WELCOME SPEECH BY DR DINESH CHAUHAN

BOUQUET PRESENTATION TO SPEAKER



SPEAKER DRMITESH SHAH

CERTIFICATE PRESENTATION



VOTE OF THANKS



**THE CME ON “GUEST LECTURE: CELODATE- A CLEAR ETOMIDATE” HELD ON 04-12-19 BY DEPARTMENT OF ANAESTHSIA**

**Objectives:** Awareness about newer composition of etomidate.

**Brief Information on Proceeding:** Dr Dinesh Chauhan inaugurated with welcome speech, Dr Mitesh shah speaker delivered lecture on Celodate etomidate, Dr Tejash Sharma concluded lecture with vote of thanks.

**The organizing Chairperson** was Dr.Dinesh Chauhan and the organizing secretary was Dr.Tejash Sharma.

**Conclusion:** There were 42 delegates who attended the event and overall programme was good and informative.

## **DEPARTMENT OF ANAESTHESIA**

### **Celebration of “World Anesthesia Day” and “World Restart Day” at Avalon World School on 16<sup>th</sup> October 2019.**

World Anesthesia Day is celebrated every year on 16<sup>th</sup> October. This year we decided to celebrate with young minds to inculcate the skill of saving life.

#### **Objectives of the event were:**

At the end of the session student should be able to

- Describe the high quality CPR and its impact on survival.
- Care links in adult Compression Only Life Support (COLS)
- Early Recognition & Activation- Early Chest Compression-Early Transfer
- Perform high quality CPR for an adult.

#### **Details of session conducted:**

- The session was for two hours.
- Session was divided into 2 parts which included power point presentation with videos and many pictures.
- 2<sup>nd</sup> part of session was hands-on skill.
- Session was concluded by taking assessment on COLS with 10 multiple choice questions and feedback.

This program was conducted under the guidance of **Dr. Anuja Agrawal**, Associate Professor Anaesthesia department, Director Labdhi simulation center, Smt. B. K. Shah Medical Institute & Research Centre, Sumandeep Vidyapeeth An Institution Deemed to be University.

Other supporting faculties were Dr. Dinesh Chauhan, HOD of Anesthesia, Dr. ManiBapna, ICU In charge Koyhi Hospital, Mrs. Dipika Kiran Patel, course co-coordinator in Labdhi Simulation Center, Dr.

Ananya Pradhan, Resident Doctor Anesthesiology 2<sup>nd</sup> year, Dr. Pranav Kanabar Resident Doctor Anesthesiology 1<sup>st</sup> year.



## DEPARTMENT OF COMMUNITY MEDICINE

### Conference on “Joint Annual Conference of IAPSM GC(XXVII) and IPHA GC(IX)” held on 28-11-19 to 30-11-19

Photographs – Joint Annual Conference of IAPSM  
GC(XXVII) and IPHA GC(IX)



Chief Guest and other invitees on Stage



Deep Pragatya



Welcome note by Organizing Chairperson



Conference address by Chief Guest



Participants and organizing Team



Prayer



**Key note address by Dr. Shridhar**



**Participants**



**Participants**



**Dr. Kadri chairing session**



**Poster presentation by participants**

**CONFERENCE ON “JOINT ANNUAL CONFERENCE OF IAPSM GC(XXVII) AND IPHA GC(IX)” HELD ON 28-11-19 TO 30-11-19 BY DEPARTMENT OF COMMUNITY MEDICINE**

**Objectives:** To sensitize the participants on various activities carried out by Indian Association of preventive and social medicine. To discuss on recent advances on various Nation public health programs and policy.

**Name of Organizing Chairperson** was Dr. NirajPandit

**Name of Organizing Secretary** was Dr. Brig. A. K. Chaudhry

**Brief Information on Proceeding:** 194 delegates from various parts of Gujarat State and outside of state attended the Joint Annual Conference of IAPSM-GC (27th) & IPHA –GC (9th).

**Conclusion:** This conference provided opportunities to various public health stakeholders to showcase their talents in various thematicand non-thematic scientific sessions as well.

## DEPARTMENT OF OPHTHALMOLOGY



**Dr Punit Singh, Associate Professor in Ophthalmology department completed his Advance Lasik fellowship from Doctors eye institute Mumbai in September 2019**

## DEPARTMENT OF ORTHOPAEDICS

### CME on "Osteoporosis and Osteomalacia" held on 13-09-2019



**Prof Dr Paresh Golwala**

**Topic: Osteoporosis – etiology**



**Dr Maulin Mehta, Associate  
Professor and incharge Head  
Dept of Pharmacology discussing**



**Valedictory function for CME on osteoporosis and osteomalacia**





**Dr. Paresh P Golwala (Head of department, orthopedics & Additional Dean) in CME on Osteoporosis and Osteomalacia**

**CME ON OSTEOPOROSIS AND OSTEOMALACIA ON 13-09-2020  
WAS CONDUCTED BY THE DEPARTMENT OF ORTHOPEDICS.**

**Objectives:** To increase awareness regarding high prevalence of osteoporosis and vitamin D deficiency in the public and explore more about the management options.

**Brief Information on Proceeding:**An integrated teaching involving faculties from various departments like physiology, pharmacology, radiology, medicine and orthopedics.

**Conclusion:** The CME was well attended by 134 delegates. The overall experience was excellent as per the feedback forms.

## DEPARTMENT OF ORTHOPAEDICS

### Conference on “National Conference And Cadaveric Workshop On Pelvi Acetabular Fractures” held on 18-10-19



The CME stated with welcome address and Prayer



Speaker

Prof Dr Paresh Golwala



**Dr. Paresh Golwala (Professor and Head of department of orthopedics) in National conference & cadaveric workshop on pelvic-acetabular fractures**

**CONFERENCE ON “NATIONAL CONFERENCE AND CADEVERIC WORKSHOP ON PELVI ACETABULAR FRACTURES” HELD ON 18-10-19 BY DEPARTMENT OF ORTHOPAEDICS.**

**Objectives:**

- 1) To cover the theoretical aspect of PelviActabular Fracture comprehensively.
- 2) To demonstrate surgical approaches on cadaver

**Name of Organizing Chairperson** was Dr Paresh Golwala

**Name of Organizing Secretary** was Dr Rishit Soni

**Brief Information on Proceeding:** The CME commenced with brief introduction followed by lectures on the given topic by reputed faculties at SBKSMIRC auditorium. This was followed by workshop on Surgical Approaches at Anatomy Dissection hall .

**Conclusion :** The event was a great success with over 70 delegates registered and received a very good response from the participants in all aspects of the CME and Workshop.

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## **SUMANDEEP ORTHOPAEDICS FELLOWSHIP TRAINING (SOFT) PROGRAMME**

Dhiraj Hospital is 1360 bedded Tertiary Care hospital with all faculties from broad and super specialties, attached Medical College, College of Physiotherapy, College of Nursing, College of Pharmacy and Hospital Management College in the same campus of Sumandeep Vidyapeeth Deemed to be University. It is located at the outskirts of Vadodara, Gujarat India. It is located 10 kms from the airport and 20 km from the central railway station. It is 3 km from the National Highway of western India. The campus is calm with accommodation facilities and library with reading room. It also has sports facilities and a lush green environment.

Dept of Orthopaedics caters to hundreds of patients daily in the outpatient clinics, in the wards and in the operation theatres. The patients come of all ages with various orthopaedic related complaints. We have well equipped operating theatres for surgeries of arthroscopy, arthroplasty, spine, trauma, deformity correction and paediatric orthopaedics.

Dept of Orthopaedics has 3 units with allotted days for OPD, ward rounds and OT days.

### **Job Profile for the Fellows:**

The fellowship will be provided on arthroscopy, arthroplasty and trauma. The duration of the fellowship will be of 4 weeks.

The fellow(s) have to come during duty hours 9 am till 5 pm with lunch break from 1pm to 2 pm. Dressing code will be formal during

office hours. They can visit operating rooms daily to get maximum exposure regarding surgeries from different units. The fellows can observe as well as assist in various surgeries under the supervision of the Professors of all units. They can also join us during ward rounds and OPD to see patients and to get well versed with clinical examination, diagnosis and management of various presenting complaints.

The fellow(s) have to present journal club and seminars on various interesting and recent orthopaedic related topics twice a month in the afternoon academic session from 3 pm to 5 pm. Theory lectures will also be conducted during these sessions.

The fellows will be provided free accommodation for stay and free food from the canteen. The fellows can explore Vadodara and nearby places during the weekends on their own or with residents and other colleagues. Transportation costs will be borne by the fellows.

At the end of the fellowship, the fellows should be acquainted with:

1. Various presenting complaints, clinical examination and management of orthopaedic conditions.
2. Various surgical approaches and implants to treat orthopaedic conditions.
3. To get acquainted with arthroscopy, arthroplasty and trauma surgeries.
4. To participate in the research, journal club, seminars, conferences and publication related activities.

The fellows will be provided with a certificate from Dept of Orthopaedics, Dhiraj Hospital, Sumandeep Vidyapeeth.

**Fellowship Co-ordinator:**

Dr Aditya K. Agrawal

MS, MCh Ortho

Sports and Hand Fellow

Associate Professor

+91-7567889991

**Fellowship Mentor:**

Prof Dr Paresh Golwala MS Ortho,

Addl Dean, SBKS MIRC

Head of Dept, Dept of Orthopaedics

+91-9824280203, +918320381169





## SUMANDEEP ORTHOPAEDICS FELLOWSHIP

Dhiraj Hospital, Smt. Bhikhiben Kanjibhai Shah, Medical Institute & Research Centre,  
Piparia Vadodara Gujarat 391760

*Certificate*

*awarded to*

**Dr Umash Karki**

for having completed 01 month Fellowship  
in the Department of Orthopaedic Surgery from  
**01 December 2019 to 31 December 2019**

**Dr Rajesh Bharaney**  
Vice Chancellor  
SVDU

Estd.: 2007

**Dr GV Shah**  
Dean, SBKS MIRC

**Dr Paresh Golwala**  
Fellowship Chief Mentor  
HOD Orthopaedics  
Addl. Dean, SBKS MIRC

**Dr Aditya K. Agrawal**  
Fellowship Coordinator  
Associate Professor  
Dept. of Orthopaedics, SBKS MIRC



# RULA AWARDS

"Your Passion, Our Vision"

## Research Leadership Award of the Year '2020



FOR INTERNATIONAL INNOVATION, BETTERMENT & EXCELLENCE IN RESEARCH ACTIVITIES.

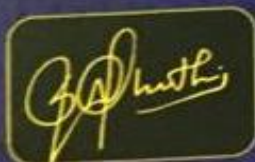
### INTERNATIONAL INNOVATIVE RESEARCHER

### IN ORTHOPAEDICS

Presented to

## ADITYA K. AGRAWAL

At Grandeur Hall, Hotel Breeze Residency, Trichy, Tamilnadu, India on 26<sup>th</sup> January of 2020 powered by.



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## DEPARTMENT OF PHARMACOLOGY

### Workshop on “Pharmacovigilance Awareness Generation: Hands on training in ADR forms filling” held on 17-12-19

Pharmacovigilance Workshop Held On 17-12-19



Registration Process



Welcome Note By Dean Sir



Lecture 1: Pharmacovigilance Overview By Dr. Shruti Brahmhatt



Lecture 2: ADR Form Filling By Dr. Jhanvi Vaghela

**WORKSHOP ON “PHARMACOVIGILANCE AWARENESS GENERATION: HANDS ON TRAINING IN ADR FORMS FILLING” HELD ON 17-12-19 BY DEPARTMENT OF PHARMACOLOGY**

**Objectives:** For Training of Pharmacovigilance activity

**Name of Organizing Chairperson :** Dr. Maulin Mehta

**Name of Organizing Secretary :** Dr. ErvillaDass

**Brief Information on Proceeding :** The Department of Pharmacology; had organized a half day workshop on “Pharmacovigilance Awareness Generation: Hands on training in ADR form filling & causality assessment”.

**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 PHARMACOLOGY**

### **Workshop on “Pharmacovigilance Awareness Generation: Hands on training in ADR forms filling” held on 21-09-19**

Workshop held on 21-09-19



Lecture 1 Pharmacovigilance: an overview DR Ervilla Dass



Lecture 2 Hands on technique to fill ADR forms Dr Jhanvi Vaghela

**WORKSHOP ON “PHARMACOVIGILANCE AWARENESS GENERATION HANDS ON TRAINING IN ADR FORMS FILLING” HELD ON 21-09-19 BY DEPARTMENT OF PHARMACOLOGY**

**Objectives:** For Training of Pharmacovigilance activity

**Name of Organizing Chairperson:** Dr. Maulin Mehta

**Name of Organizing Secretary:** Dr. Jayant Patharkar

**Brief Information on Proceeding :** With an aim to sensitize all the health care providers, the Department of Pharmacology, SBKSMIRC, Sumandeep Vidyapeeth; had organized a half day workshop on “Pharmacovigilance Awareness Generation: Hands on training in ADR form filling & causality assessment”.

**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 PHARMACOLOGY

### Workshop on “Pharmacovigilance Awareness Generation: Hands on training in ADR form filling” held on 09-01-20

Pharmacovigilance Workshop Conducted On 09-01-2020



Welcome Note By Dean Sir



Lecture 1: Pharmacovigilance: Overview

By Dr. Ervilla Dass



WORKSHOP ON "PHARMACOVIGILANCE AWARENESS  
GENERATION: HANDS ON TRAINING IN ADR FORM FILLING" HELD  
ON 09-01-20 BY DEPARTMENT OF PHARMACOLOGY

**Objectives:** For Training of Pharmacovigilance activity

**Name of Organizing Chairperson :** Dr. Maulin Mehta

**Brief Information on Proceeding :** With an aim to sensitize all the health care providers, the Department of Pharmacology; had organized a half day workshop on "Pharmacovigilance Awareness Generation: Hands on training in ADR form filling & causality assessment".

**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 PHARMACOLOGY

### Workshop on “Pharmacovigilance Awareness Generation: Hands on training in ADR form filling & causality assessment.” held on 16-01-20

Pharmacovigilance Workshop Held On 16-01-20



Registration Process



Welcome Note By Dean Sir



Lecture 1: Pharmacovigilance Overview By Dr. Maulin Mehta



Lecture 2: Causality Assessment

**WORKSHOP ON "PHARMACOVIGILANCE AWARENESS GENERATION: HANDS ON TRAINING IN ADR FORM FILLING & CAUSALITY ASSESSMENT." HELD ON 16-01-20 BY DEPARTMENT OF PHARMACOLOGY**

**Objectives:** For Training of Pharmacovigilance activity

**Name of Organizing Chairperson** Dr. Maulin Mehta

**Name of Organizing Secretary** Dr. Jhanvi Vaghela

**Brief Information on Proceeding :** With an aim to sensitize all the health care providers, the Department of Pharmacology, SBKSMIRC, Sumandeep Vidyapeeth; had organized a half day workshop on "Pharmacovigilance Awareness Generation: Hands on training in ADR form filling & causality assessment".

**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 "It's Time To End TB" held on 23-08-19**



Dr. Arti Shah felicitating Dr. Golwala



Dr. Bhupendra giving welcome speech

**CME ON“IT’S TIME TO END TB” HELD ON 23-08-19 BY  
DEPARTMENT OF RESPIRATORY MEDICINE**

**Objectives:** To know the importance of CBNAAT in early diagnosis of Drug Resistant TB.

**Name of Organizing Chairperson** was Dr. Arti Shah,

**Name of Organizing Secretary** was Dr. Bhupendra Vala

**Brief Information on Proceeding:** 91 delegates registered for the CME. This CME was organized to sensitize faculties post graduates students and other students of the medical college to the newer PMDT guidelines. All the speaker spoke well regarding the T.B control and management.

**Conclusion:** The whole program was very informative and interactive.

**DEPARTMENT OF SKIN AND VD**

**Workshop on “Electronic Data Keeping, Retrieving And Analysis For Research And Publication” held on 13-08-19**



**Speaker discussing about electronic data keeping**



**The Guest Speaker – Dr. Aakash Doshi**



**Speaker discussing about electronic data keeping**



**Lecture 2 - Speaker**



**WORKSHOP ON“ELECTRONIC DATA KEEPING, RETRIEVING ANDN ANALYSIS FOR RESEARCH AND PUBLICATION” HELD ON 13-08-19 BY DEPARTMENT OF SKIN AND VD.**

**Objectives:** To sensitize the participants on importance of Electronic Data keeping in todays scenario.

**Name of Organizing Chairperson** was Dr. Yogesh Marfatia and Dr. Rashmi Mahajan

**Name of Organizing Secretary** was Dr. KishanNinama and Dr. Som Lakhani

**Brief Information on Proceeding:** Opening remarks given by Respected Dean Dr.GV Shah, followed by an excellent talk on electronic data keeping by Dr. Aakash Doshi. The program was concluded by a vote of thanks from Dr. Rashmi Mahajan and Dr. Yogesh Marfatia.

**Conclusion:** Participants were guided on methods to retrieve and analyse the data later at the end, open discussion was held and participants were free to discuss any doubts.

## **CASE REPORT**

### **ORTHOPAEDICS**

#### **Quadricepsplasty: A modality for stiff knee -August 2019**

**Dr. Ronak V Shah, Dr. Aditya K Agrawal, Dr. Harshil V Shah, Dr. Sudhir K Rawat, Dr. Dhruv Sharma and Dr. Paresh P Golwala**

#### **Abstract**

Stiffness of the knee after trauma and/or surgery for femoral fractures is one of the most common complications and is difficult to treat. Stiffness in extension is more common and can be reduced by vigorous physiotherapy. If it does not improve by physiotherapy, then Quadricepsplasty is indicated. Quadricepsplasty is the surgical procedure required to release the quadriceps muscle in order to improve the range of knee flexion. This procedure is indicated mainly for stiffness of the knee in extension. Thompson and Judet type of Quadricepsplasty are the most common surgical procedures described to treat knee stiffness, the former being more popular. We evaluated our results after Thompson's Quadricepsplasty and physiotherapy. The patient regained satisfactory functional range of motion after Thompson's Quadricepsplasty.