



**Editor-in-chief :**  
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Dr. Meet Chauhan (Design & Editing)  
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## Prevalence and factors associated with Internet Gaming Disorder among college students in Saurashtra region Gujarat, India

Dr. Yamini Gurjar, Savani Dr. Nikita, Assistant Professor,  
Department of Community Medicine, SMC, Amreli  
Joshi Himalay, Jani Margi, Jadeja Rajveersinh, Jani Abhishek, Hirpara Harsh,  
Jambukiya Jaydip, 3rd year MBBS part II student, SMC, Amreli

An original article titled “Prevalence and factors associated with Internet Gaming Disorder among college students in Saurashtra region Gujarat, India ” is accepted and will be published in Pubmed indexed International Journal *Addiction & Health*.

### Summary of Article:

Internet gaming have become popular in the last few decades. This study aimed to assess the prevalence of internet gaming disorder (IGD), factors associated with IGD, gaming behavior and effects on health due to IGD among college students. Data was collected using semi-structured questionnaire containing the Internet GD Scale-Short Form (IGDS9-SF). A total 150 college student gamers were involved with a mean age of  $18.69 \pm 0.10$  years. The mean IGD score was  $18.74 \pm 0.53$  and the median was 18. A prevalence of IGD was 5.3% among participants. The IGD prevalence was higher among male students and whose mothers had  $\geq$  high school education. Gamers who spent  $\geq 2$  hours/day on games had found significantly higher IGD scores ( $p < 0.05$ ). A significant association was found between tingling/numbness in hand while playing and physical pain with IGD ( $p < 0.05$ ). It is concluded from this study that the spending more time on playing online games was associated with significantly higher risk of IGDs. A physical health issue was a negative consequence associated with IGDs. There must be made aware of the negative effects of excessive gaming among students, parents, institutions and concerned authorities.

## Efficacy of gabapentin under combined spinal epidural anesthesia in lower limb orthopedic surgeries

Dr. Harshad N. Mehta, Assistant Professor,  
Department of Anesthesia, SMCGH, Amreli

An original article titled “Efficacy of gabapentin under combined spinal epidural anesthesia in lower limb orthopedic surgeries ” is accepted and published in *Int J Acad Med Pharm 2023; 5(2); 844-847* .

### Summary of our article:

Aim of the research was to study the efficacy of Gabapentin on combined spinal epidural anesthesia for lower limb orthopedic surgeries with respect to post operative epidural analgesic requirements. A randomized double blind control study was conducted at Hospital attached to Medical College. Patients were divided into two groups: 60 patients in each group. Group G– Patients received cap. Gabapentin 1200 gram (3 capsules of 400mg) & Group P – Patients received three placebo capsules. Preoperatively, patients were given three capsules of 400mg Gabapentin or three placebo capsules according to their group one hour before surgery. Parameters Observed were: Time to reach T10 segment sensory block, two segment regression time in subarachnoid block and time to require first epidural top up since the time of subarachnoid block performed. The observed difference between the two groups in sedation score is statistically significant. The observed difference between the two groups in the time interval between the epidural analgesic supplements is statistically significant. Gabapentin before surgery significantly prolongs two segment regression time and duration of analgesia in subarachnoid blockade and it significantly reduces the post operative epidural analgesia requirements.

## Atypical Presentation in Unstable Angina

Dr. Dilip Vyas, Associate Professor,  
Department of General Medicine, SMCGH-Amreli

An original article titled “Atypical Presentation in Unstable Angina ” is accepted and published EMBASE indexed journal “**International Journal of Pharmaceutical and Clinical Research**” Volume 15, Issue 2.

### Summary of our article:

For their cost-effective management, it is crucial to have a better understanding and characterization of the factors that lead to hospitalization and determine how long a patient stays there. Our current investigation uses a nationally representative database to determine the prevalence and factors that contribute to prolonged hospitalisation in UA patients. About 100 patients who had been identified as having acute coronary symptoms participated in the trial. Depending on the type of their primary presenting symptom, patients were separated into three groups. Group 1: Myocardial ischemia's "typical" symptoms. Group 2: "Atypical" chest pain has been defined as being mild, brief, non-classical in appearance, not exactly similar to previous cardiac symptoms, and Group 3: Dyspnea: Sudden, inexplicable shortness of breath is the main complaint. At the time of admission, 70 patients (14%) experienced dyspnea, 30 (6%) had atypical chest pain, and 400 patients (80%) had usual chest pain. Female gender, faster heart rate, diabetes mellitus, renal failure, high Killip class, and late presentation were all predictors of the absence of normal chest pain at presentation. Because atypical presentation negatively affects ACS patients' care and outcomes, we shouldn't let it influence our management decisions, especially for high-risk patients with conditions including diabetic mellitus, renal failure, advanced age, and COPD.

## Estimation of Self-Medication and Associated Factors Among Urban General Population in Part of Saurashtra Region of Gujarat, India

Dr. Nikita Savani, Dr. Trusha Kansagara, Dr. Meet Chauhan, Dr. Yamini Gurjar Department of Community Medicine, SMC, Amreli.

An original article titled “Estimation of Self-Medication and Associated Factors Among Urban General Population in Part of Saurashtra Region of Gujarat, India” is accepted and will be published in upcoming issue of DOAJ indexed Journal *Journal of Health Promotion and Behavior*.

### Summary of Article:

Self-medication is a universal phenomenon and is practiced globally with varied frequency. In several studies, it has been found that the potential disadvantage of self-medication is a waste of resources, increased resistance to pathogens, and causes serious health hazards such as adverse reactions and prolonged suffering. This study aimed to estimate the practice and factors associated with self-medication among the urban general population. This community based cross-sectional study was conducted among general population of Amreli city, Gujarat, India from February to November, 2022. A total of 110 subjects were include in this study. The dependent variable is self-medication practice. The independent variables are education, occupation, economic class. Upper socio-economic class (OR= 1.74; 95% CI= 1.05 to 2.90; p= 0.031), highly educated (OR= 0.58; 95% CI= 0.41 to 0.83; p= 0.003) more likely to do self-medication than the lower socio-economic class and low education. Upper socio-economic and high education increase self-medication.

## Case Report - FULL MOUTH REHABILITATION CASE

Dr. Tulsi, Associate Professor, Dr. Vaishali, Junior Resident  
Department of Dentistry SMC, Amreli.

A very complicated case of dentistry was treated by department of Dentistry SMC, Amreli.

Patient name Mitalben Kalani, age of 32 has come to Department of Dentistry, Shantabaa Medical College and General Hospital with complain of pain and multiple broken tooth



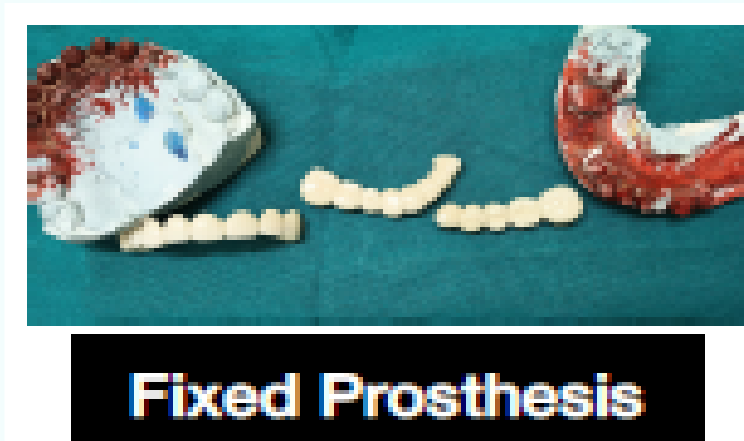
After complete and thorough clinical and radio-graphic evaluation, Dr. Tulsi (Associate Professor) with the support of Dr. Vaishali (JR) planned out detail treatment plan in step wise manner. And also discussed with patients in details. Aim was to restore the teeth and reduce suffering. Following treatment was followed

Treatment plan:-

- 1)Extractions
- 2)Root canal treatment
- 3)Post and core
- 4)Composite restorations
- 5)Crown lengthening procedure
- 6)crown cutting and Fixed prosthesis



After taking patient's concerns have started with extraction of 45,46 and then root canal of multiple tooth (12,22,23,24,31,32,33,41,42,43) with post and core given in 12. In Next step have removed carious portion and did composite build up in 11,13,21. At last did crown lengthening to achieve proper height for prosthesis placements. Per-operative image



**Fixed Prosthesis**



**POST TREATMENT**

## Research Projects by Students

Department of Forensic Medicine, Shantabaa Medical College, Amreli

Research is integral part of Health and Medicine. No new drugs, treatment or procedure can established with proper research and deep understanding of it. Through research, undergraduate students can better understand and appreciate health and science, can develop interpretation skill. Research exposure also increases understanding of clinical medicine; facilitates critical thinking and critical appraisal. Keeping importance of research in mind, forensic medicine department gave research project to the third professional year part 1 student on various topics so that students can deeply understand various aspect of subject.



| Sr No. | Research topic   | Guide               |
|--------|--|---------------------|
| 1      | Anthropometric study using craniofacial features to determine gender                             | Dr Krunal Pipaliya  |
| 2      | Determination of sexual dimorphism by second to fourth digit ratio (2D/4D)                       |                     |
| 3      | Determination of sex by measurement of feet dimensions   |                     |
| 4      | Determination of sex by measurement of hand dimensions   |                     |
| 5      | Determination of stature by measuring head circumference   | Dr Keyur Nimavat    |
| 6      | Estimation of stature from percutaneous measurements of legs (Tibial)                            |                     |
| 7      | Determination of Stature by percutaneous measurements of feet dimensions                         |                     |
| 8      | Determination of stature by measurement of hand dimensions                                       |                     |
| 9      | Predicting stature by measuring forearm length   | Dr Jenish Kachhadia |
| 10     | Estimation of stature by percutaneous measurements of distal half of upper limb (forearm & hand) |                     |
| 11     | Predicting stature by measuring Arm Span length  |                     |
| 12     | Estimation of stature(personal height) by measuring head length                                  |                     |
| 13     | Estimating stature from percutaneous length of tibia and ulna                                    |                     |
| 14     | Estimation of stature by measuring length of an upper limb                                       |                     |

**Nationwide**  
Quiz Contest for  
MBBS Students

Under aegis of  
Indian Association of Preventive and Social Medicine  
With support of  
IAPSM- Gujarat State Chapter

Theme:  
*Health for All*

**IAPSM** World Health Day  
7 April 2023

Last Date of Registration  
31<sup>st</sup> March 2023

Final Round  
10<sup>th</sup> April 2023, 2 PM  
Venue: Auditorium

Elimination Round  
5<sup>th</sup> April 2023; 2 pm  
Venue: Lecture hall 2

Dean  
Dr. Vikas Sinha

Nodal Officer  
Dr. Trusha Kansagara

Head of Department  
Dr. Mahendra Khobragade

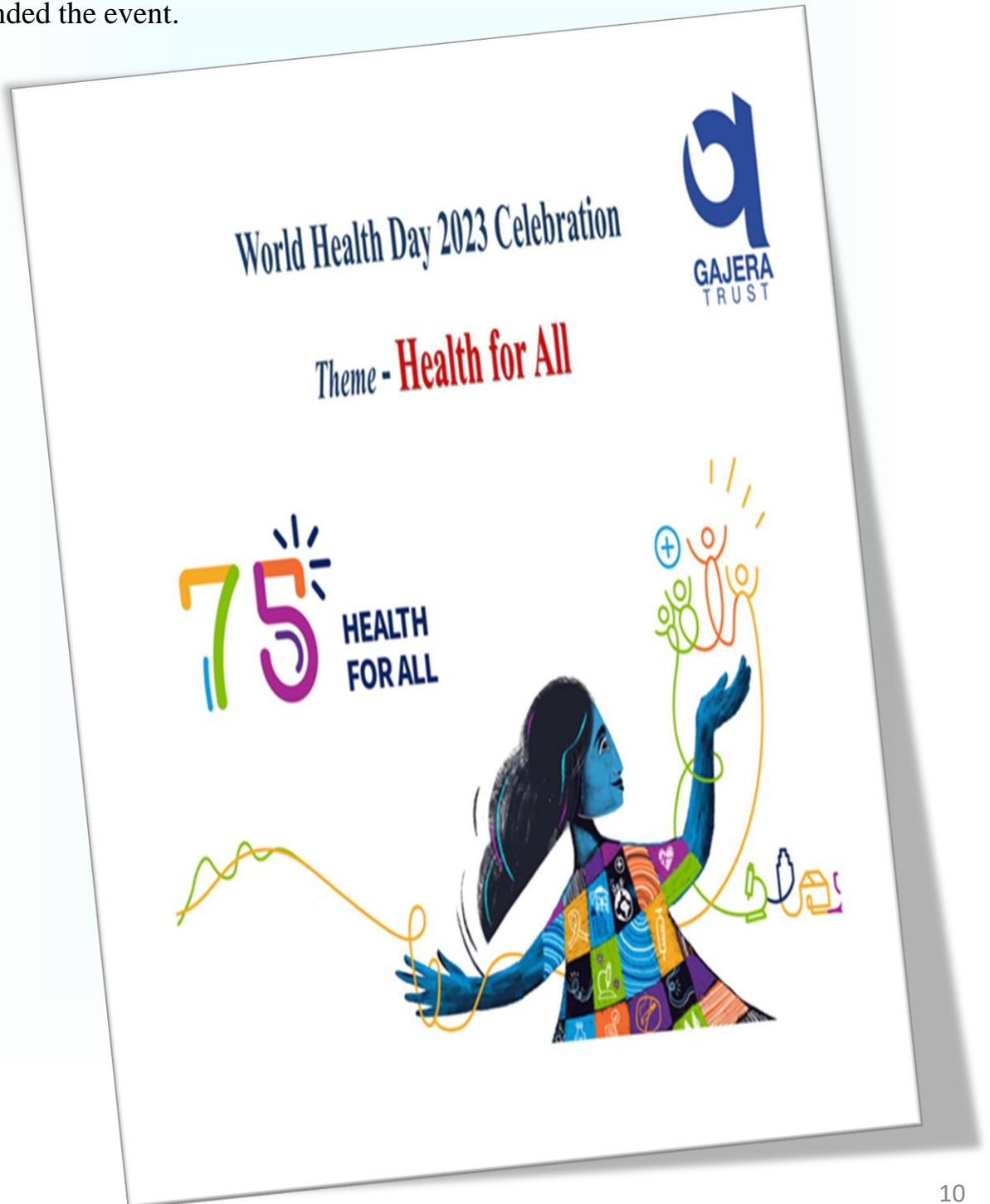
Organized by  
Department of Community Medicine,  
Shantabaa Medical College, Amreli

For Registration & Information Contact:  
Dr. Trusha Kansagara  
9984749674

## World Health Day - 2023 celebration by Community Medicine department

World Health Day, 2023 was organized by Department of Community Medicine, Shantabaa Medical College, Amreli on 10<sup>th</sup> April, 2023. Different competitions were conducted such as Quiz, E-Poster competition, department logo making competition, Debate, & Medical dumb charades for undergraduate students. Poster, Logo making competition and dumb charades elimination round was conducted on 3<sup>rd</sup> April. Total 30 teams selected in final round. For Logo making competition, top 3 out of 14 students had selected and in E-poster competition top 5 teams out of 30 were selected for final after elimination round. Total 10 teams had participated in Dumb Charades in elimination round and top 3 were selected for final round. In Quiz competition, Total top 4 teams out of 8 teams had selected for final round after elimination round. Approximately 80 students had participated in various competitions of interest with great enthusiasm and tried their best to display their creative talents.

Final round was conducted on 10<sup>th</sup> April, 2:00 pm to 6:00 pm at auditorium of Shantabaa Medical College. Respected Dean Dr. Vikas Sinha, I/C Head of Department of Community Medicine, Dr. Meet Chauhan, faculties of Community Medicine Department & faculties from other department had attended the event.



The event was inaugurated with a prayer and lamp lighting by Dean sir and other faculties of Shantabaa Medical College Amreli. Host Dr. Jaydip Gajera was started the event with background information of “*World health Day*”. Dean sir praised the initiation of such ‘*World Health Day*’ event organized by community medicine department. Prize and certificate distribution for winners was done by the Dean Dr.Vikas Sinha. After felicitation of winners, Dr.Jaydip Gajera was concluded with vote of thanks from Community Medicine Department. Community Medicine Department was very well appreciated by all the participants, judges as well as faculties from different departments.



## QUIZ Winner

Dwivedi Shefali (2020 Batch)

Yadav Shivangi (2020 Batch)

Patel Shrey (2020 Batch)

## QUIZ Runner Up

Sejapal Jigisha(2020 Batch)

Yadav Sarita(2020 Batch)

Dodiya Vanshita(2020 Batch)



**E-Poster Competition  
Winner**

Raiyani Deep(2020 Batch)

Bhalodiya Jency (2020 Batch)

**Logo Making Competition  
Winner**

Shaikh Sajjad(2020 Batch)





## Debate Competition Winner

Patel Nisarg(2020 Batch)

Gajera Nisarg(2020 Batch)

Sakariya Rutvi(2020 Batch)

Chhaatrala Hetvi(2020 Batch)



## Dumb Charades Winner

Shaikh Sajjad(2020 Batch)  
Chaudhari Ganpat(2020 Batch)  
Chaudhari Parth(2020 Batch)



World Oral Health Day is observed globally every year on March 20, with the primary objective of increasing awareness about the significance of oral health. The day aims to educate people on the importance of maintaining good oral hygiene, as it can help prevent various diseases such as tooth decay, gum disease, and bad breath. It is worth noting that poor dental health can also be a contributing factor to severe health issues such as cardiovascular disease, obesity, strokes, and breathing problems.

**Oral Health check up  
Camp at Vidhya  
Sabha  
by  
Dentistry Department  
SMCGH, Amreli**

**વર્લ્ડ ઓરલ હેલ્થ દિવસને ઐતિહાસિકતા પ્રદાન કરી  
અમરેલી શ્રી શાંતાબા મેડીકલ કોલેજ અને જનરલ હોસ્પિટલ  
વિદ્યાસભા સંકુલના વિદ્યાર્થીઓને આરોગ્યલક્ષી માર્ગદર્શન અપાચું**



અમરેલી, શાંતાબા મેડીકલ કોલેજ અને જનરલ હોસ્પિટલ, અમરેલીનાં ડેન્ટીસ્ટ્સ ડો. તુલસીબેન સંઘવી, ડો. વૈશાલીબેન કથિરિયા એવમ ડો. કૃતિબેન ડાભી દ્વારા અમરેલી જિલ્લા વિદ્યાસભા સ્કૂલ વિભાગનાં વિદ્યાર્થીઓને આરોગ્યલક્ષી સેવા સાથે દાંતોની વિવિધ તપાસ દાંતોની સંવર્ધન અન્વયેની

ડોક્યુમેન્ટરી ફીલ્મ, પોપ્યુલર લેક્ચર્સ તથા સ્વાસ્થ્ય એવમ આરોગ્યપ્રદ જીવનશૈલીમાં દાંતો નું મહત્વ સમજાવવામાં આવ્યું હતું શ્રી વસંતભાઈ ગજેરાનાં સ્વપ્રને સાકારતા પ્રદાન કરવા કેમ્પસ ડાયરેક્ટર શ્રી હસમુખભાઈ પટેલ શ્રી વસંતભાઈ પેથાણી એવમ શાળાનાં આચાર્યશ્રી નાં અપ્રતિમ સહયોગ દ્વારા

આરોગ્યલક્ષી કાર્યક્રમને સફળતા પ્રદાન થઈ હતી.

**સાવરકુંડલા  
મલાસાતે સ્ત**



The Oral Health day to encourage individuals to adopt good oral hygiene practices, take care of their teeth, and learn ways to prevent dental problems. As soon children learn importance of oral health and adopt good oral hygiene practices, take care of their teeth, and learn ways to prevent dental problems. Shantabaa medical college and general hospital, department of dentistry has arranged awareness and check up camp at Vidhya Sabha Sankul, Amreli.

**Adverse Drug Reaction  
Monitoring Centre (AMC)  
Approval from Indian  
Pharmacopeia (IPC) &  
National Coordination  
Center (NCC)  
Pharmacovigilance  
Programme of India**

As multiple newer drugs are being developed, patient safety has become the utmost priority for the health care professionals. The Pharmacovigilance Program of India (PvPI) is run by the GOI to detect, assess, understand and to prevent any untoward occurrence in the patients due to drugs. As a gesture of support, Pharmacology Department of Shantabaa Medical College and Hospital has applied to get enrolled as an Adverse Drug Reaction Monitoring Centre (AMC) under the Pharmacovigilance Programme of India ( PvPI ) under the guidance of Dr. Vikas Sinha, Dr. M.V. Gajera and Dr. Jayesh Kathiriya.

Shantabaa Medical College & Hospital Adverse Drug Reaction Monitoring Centre (AMC) got recognition and is now registered with the National Coordination Centre (NCC). The AMC will try to bring awareness among all the health care professionals pertaining to the dark side of the drugs and with a little more vigilance we can mitigate the preventable hospital admissions.

**Recognition of your Hospital/Institute as Adverse Drug Reactions Monitoring Centre (AMC) under PvPI Reg.-**

1 message

NCC PvPI <pvpi.ipc@gov.in>

Fri, Apr 21, 2023 at 4:37 PM

To: pharmacology@smcgh.edu.in, dean.shmc@gajeratrust.org

Cc: JAIPRAKASH JAIPRAKASH <jaiprakash.ipc@gov.in>, SHASHI BHUSHAN <bshashi.ipc@gov.in>, HR IPC <hr.nccpvpi-ipc@gov.in>, IT NCCPvPI <it.nccpvpi-ipc@gov.in>

Sir/Madam,

Greeting from NCC-PvPI !!!

This is with reference to your letter of intent/enrolment to participate in a nationwide programme to monitor the safety of drugs. It is a matter of great pleasure to bring in your kind notice that the Indian Pharmacopoeia Commission (IPC), National Coordination Centre (NCC) - **Pharmacovigilance Programme of India (PvPI)**, Ghaziabad has approved your Hospital/institute as an Adverse Drug Reactions Monitoring Centre under PvPI.

The ADR Reporting tool i.e. **VigiFlow login credentials** will also be communicated to the **Proposed Coordinator** by our IT team.

Please accept our heartiest congratulations.

***Kindly Note - The performance of you institution shall be monitored by the PvPI in terms of ADR/AE reporting. In the event of non performing/reporting AMCs, the hospital/institute may get derecognized by the programme. Request you to start collecting and reporting maximum ADRs/AEs to PvPI so as to make this programme successful and to make the country to have safer medicines.***

Thanks & Regards

Dr. Vijit Agrawal  
NCC-PvPI, IPC, Ghaziabad

## Compression Only Life Support (COLS) training

Department of Anesthesia, SMC, Amreli

It was a historical day of awareness campaign for COLS (compression only life support) as a Joint Venture of Government of Gujarat, Indian Society of anesthesiologist (ISA) and BTP, COLS awareness Programme our organized on 02/04/2023.

On that day about hundreds of people from various areas of Amreli district participated. This training was organized in different session throughout the day. In each session initially they were explained about COLS in a common lecture and demonstration by consultants from department of anesthesiology SMCGH, Amreli.



All the participants attended hands on training at different station where they were helped by the volunteer's final year UG Students, nursing staff of SMCGH and management staff of SMCGH.



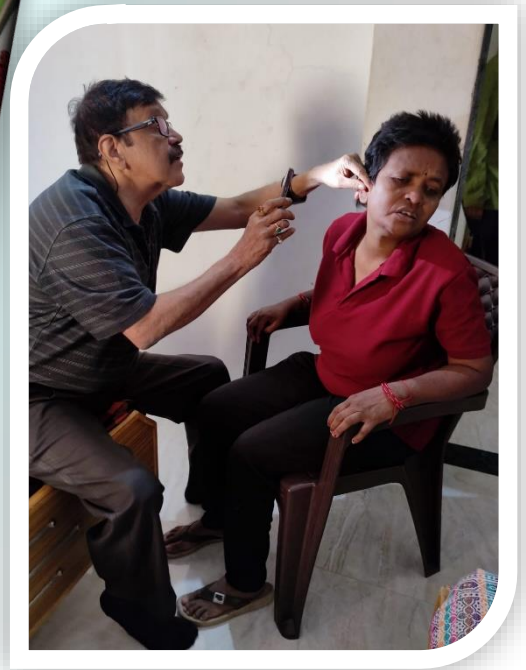
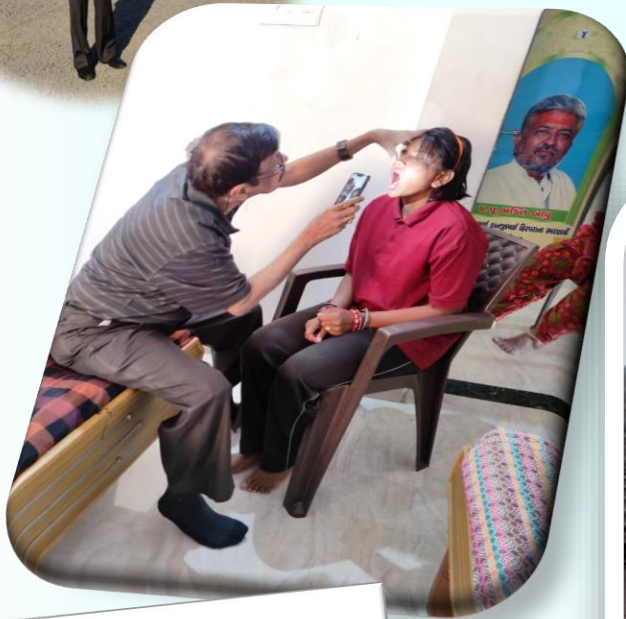
This session gave awareness and training on how to provide life saving compression to patients in the critical stage.







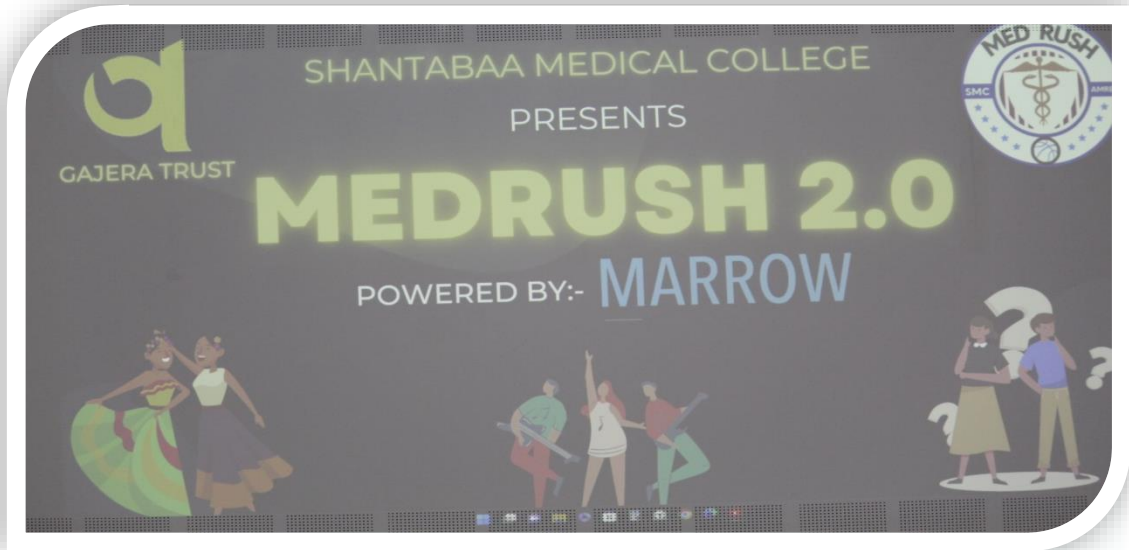
ENT check up at  
Manav Mandir  
-  
Dean Dr. Vikas Sinha  
SMC, Amreli



## MEDRUSH 2023









*Innovation  
in  
education  
to  
excel*

