

HOMOEOPATHIC SPIRIT

QUARTERLY BULLETIN

VOL : 3 (SEPTEMBER) YEAR 2024



THE OBJECTIVE OF THIS INSTITUTIONAL BULLETIN IS :

1. To provide regular updates and propagate information about the accomplishments of all the faculty members and students.
2. To share significant information regarding the exceptional services rendered by the corresponding departments.
3. To keep everyone in this institution well informed and engaged with the objective to maintain motivation and raise morale.
4. This bulletin is for internal circulation and for educative purpose only.

Published By:

**JAWAHARLAL NEHRU HOMOEOPATHIC
MEDICAL COLLEGE**

PARUL UNIVERSITY CAMPUS, AT & PO LIMDA, TA: WAGHODIYA,
DIST: VADODAR

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EDITORIAL

September 2024 | HOMOEEO SPIRIT

Cultivating a Healing Vision: Homoeopathy in a Changing World

As we step into the third quarter of 2024, the journey of homoeopathy continues to evolve with renewed energy, deeper inquiry, and growing recognition. At Jawaharlal Nehru Homoeopathic Medical College, we remain committed to nurturing not just future practitioners, but passionate healers who understand the delicate interplay of science, philosophy, and compassion that defines our system of medicine.

This issue of HOMOEEO SPIRIT reflects the dynamic spirit of our academic and clinical community. From thoughtful student reflections to insightful research summaries, we are proud to showcase the vibrant intellectual and humanistic core of our institution. The contributions in this edition not only echo our students' and faculty's dedication but also highlight the relevance of homoeopathy in addressing the complexities of modern health challenges.

We thank our management and all contributors for making HOMOEEO SPIRIT a true reflection of our collective journey. May this issue inspire dialogue, innovation, and above all, deeper care—for patients, for knowledge, and for each other.

We also anticipate our upcoming flagship event of Faculty of Homoeopathy, "AIPGHS 2024" to be held in the month of November.

— Editorial Team

Jawaharlal Nehru Homoeopathic Medical College
Parul University

HOMOEEO SPIRIT

ISSUE (SEP) 2024

Identification of Various Poisons in Forensic Medicine and Toxicology



Dr Falguni Patel
Professor & H.O.D
Department of Forensic Medicine
and Toxicology

Introduction

Forensic toxicology is a critical branch of forensic medicine that deals with the detection and identification of poisons and their effects on the human body. The ability to identify various poisons accurately plays a vital role in criminal investigations, accidental poisonings, and medico-legal cases. Poisons can be chemical, biological, or physical agents capable of causing harm or death when introduced into the body in sufficient quantities. The process of identification involves a combination of clinical signs, autopsy findings, and analytical toxicology.



Identification of Various Poisons in Forensic Medicine and Toxicology

Classification of Poisons

Poisons can be broadly classified based on their origin and mechanism of action:

1. Corrosive Poisons

Examples: Sulfuric acid, nitric acid, caustic soda

Identification: Chemical burns around the mouth, esophagus erosion, black or brownish vomitus

Tests: Litmus test (acid/base), chemical spot tests

2. Irritant Poisons

Examples: Arsenic, phosphorus, lead, copper compounds

Identification: Gastrointestinal symptoms, garlic odor (phosphorus), blue line on gums (lead)

Tests: Marsh's test (arsenic), Reinsch's test (heavy metals)

3. Neurotoxic Poisons

Examples: Opium, strychnine, alcohol, barbiturates

Identification: CNS symptoms like convulsions (strychnine), respiratory depression (barbiturates), pinpoint pupils (opioids)

Tests: Thin layer chromatography (TLC), Gas chromatography-mass spectrometry (GC-MS)

4. Cardiotoxic Poisons

Examples: Digitalis, aconite

Identification: Arrhythmias, tingling and numbness, syncope

Tests: ECG changes, blood toxicology screening

5. Asphyxiants

Examples: Carbon monoxide, cyanide

Identification: Cherry red skin (CO), bitter almond odor (cyanide), rapid unconsciousness

Tests: Spectroscopy (COHb levels), Prussian blue test (cyanide)



Identification of Various Poisons in Forensic Medicine and Toxicology

Techniques of Poison Detection

1. Physical Examination and History

- Victim's history, signs and symptoms, and scene investigation often provide the first clues.
- In suspected poisoning deaths, a thorough autopsy is essential to collect tissue and fluid samples.

2. Presumptive Tests

- These are quick, qualitative tests to detect the presence of a suspected poison.
- Examples: Marquis test (for opioids), Scott test (for cocaine)

3. Confirmatory Tests

- Involves advanced instruments to precisely identify the poison.
- Methods include:
 - Gas Chromatography-Mass Spectrometry (GC-MS): Ideal for volatile organic compounds
 - High-Performance Liquid Chromatography (HPLC): Commonly used for drugs and alkaloids
 - Atomic Absorption Spectroscopy (AAS): For detecting metals like arsenic or mercury
 - Enzyme-linked immunosorbent assay (ELISA): For screening drugs and toxins in biological fluids

4. Postmortem Findings

- Some poisons cause characteristic changes in organs. For instance:
 - Yellow fatty liver (phosphorus)
 - Hemorrhages in GI tract (corrosives)
 - Pulmonary edema (opioids, organophosphates)



Identification of Various Poisons in Forensic Medicine and Toxicology

Challenges in Poison Identification

Identifying poisons can be complicated due to:

- Rapid metabolism or excretion of substances
- Decomposed or embalmed bodies altering chemical properties
- Mixed or unknown substances
- Lack of clinical history in unknown cases

Hence, a multidisciplinary approach involving forensic pathologists, toxicologists, and law enforcement is essential for accurate diagnosis and legal processing.

Conclusion

The identification of poisons is a cornerstone of forensic toxicology, playing a pivotal role in solving medico-legal cases. With the advancement of analytical techniques and a systematic approach, modern toxicology offers reliable means to detect and identify a wide array of toxic substances, ensuring justice and public health safety.

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2. Parikh, C.K. Textbook of Medical Jurisprudence, Forensic Medicine and Toxicology, CBS Publishers, 2019.
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Piles and Its Surgical Management



Dr Priyanka Shah
Professor & H.O.D
Department of Surgery

Introduction

Piles, also known as hemorrhoids, are swollen and inflamed veins in the rectum and anus. They are a common condition, particularly in adults aged 45 to 65, with contributing factors such as chronic constipation, straining during defecation, prolonged sitting, pregnancy, and low-fiber diets. Hemorrhoids are categorized into internal and external types, depending on their location relative to the dentate line. While most cases can be managed conservatively, surgical intervention is often necessary for persistent or complicated cases.



Piles and Its Surgical Management

Etiology and Clinical Features

The primary causes of piles include chronic constipation, straining during defecation, prolonged sitting, pregnancy, and low-fiber diets. Internal hemorrhoids usually present with painless rectal bleeding, prolapse, and mucous discharge. In contrast, external hemorrhoids are associated with pain, swelling, and irritation around the anal region, especially when thrombosed.

Diagnosis

Diagnosis is based on clinical evaluation, digital rectal examination, and anoscopy. Proctoscopy and colonoscopy may be used to rule out other causes of rectal bleeding, such as colorectal cancer or inflammatory bowel disease.

Non-Surgical Management

Initial treatment includes dietary modifications (high-fiber intake), increased fluid consumption, use of stool softeners, and topical agents to relieve symptoms. Minimally invasive procedures like rubber band ligation, sclerotherapy, and infrared coagulation are effective for early-stage hemorrhoids.

Surgical Management

Surgery is considered when conservative measures fail or in cases of large, prolapsing, or thrombosed hemorrhoids. The main surgical options include:

1. Hemorrhoidectomy

This is the surgical excision of hemorrhoids and is considered the gold standard for treating grade III and IV internal hemorrhoids. Open (Milligan-Morgan) and closed (Ferguson) hemorrhoidectomies are commonly performed. The procedure is associated with high success rates but may involve postoperative pain and longer recovery.

2. Stapled Hemorrhoidopexy (Procedure for Prolapse and Hemorrhoids - PPH)

This technique involves the use of a circular stapling device to reposition prolapsed hemorrhoids and cut off their blood supply. It results in less postoperative pain and faster recovery compared to traditional hemorrhoidectomy. However, recurrence rates may be higher.

3. Doppler-Guided Hemorrhoidal Artery Ligation (DGHAL)

This minimally invasive technique uses Doppler ultrasound to identify and ligate the arteries supplying hemorrhoids. It is less painful and promotes quicker recovery, although it is less effective for advanced prolapse.

4. Laser Hemorrhoidoplasty

Laser energy is used to shrink hemorrhoidal tissue with minimal bleeding and reduced postoperative pain. It is gaining popularity due to its minimal invasiveness and faster healing time.

Postoperative Care and Complications

Postoperative management includes pain control, sitz baths, laxatives, and avoiding straining. Complications may include bleeding, infection, urinary retention, anal stenosis, and recurrence. Patient education on lifestyle and dietary modifications is crucial to prevent recurrence.

Conclusion

Surgical management of piles is effective for advanced cases or when conservative treatment fails. The choice of surgical method depends on the severity of the condition, patient preference, and surgeon expertise. With advances in technology, minimally invasive procedures offer promising outcomes with reduced morbidity.

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June 2024 - July 2024 - August 2024

JUNE 4, 2024 - Article Published in International Journal of Homoeopathic Sciences

TOPIC: Case series study on the management of lower back pain using individualized homoeopathic medicine in conjunction with physiotherapy.

Congratulating Dr. Aasim Vahora from Jawaharlal Nehru Homoeopathic Medical College on the publication of his article in the International Journal of Homoeopathic Sciences! His case study was co-authored and guided by Dr. Zankhana Desai, exploring the management of lower back pain using individualized homoeopathic medicine in conjunction with physiotherapy.

Parul[®] University | **NAAC A++** Faculty of Homoeopathy

Congratulations

Dr. Aasim Vahora
Intern, Jawaharlal Nehru
Homoeopathic Medical College

Article published in

 *International Journal
of
Homoeopathic Sciences*

Topic:
Case series study on the management of lower back pain using individualized homoeopathic medicine in conjunction with physiotherapy

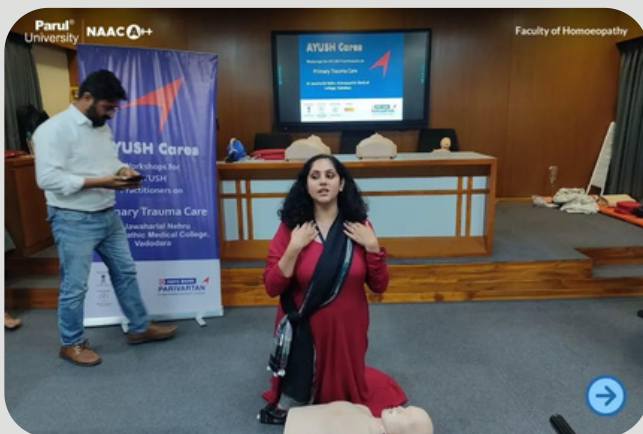
Co-author:

 **Dr. Zankhana Desai**
HOD & Professor, Dept. of
Community Medicine, JNHMC

Volume : 8, Issue : 2

JUNE 21, 2024 –

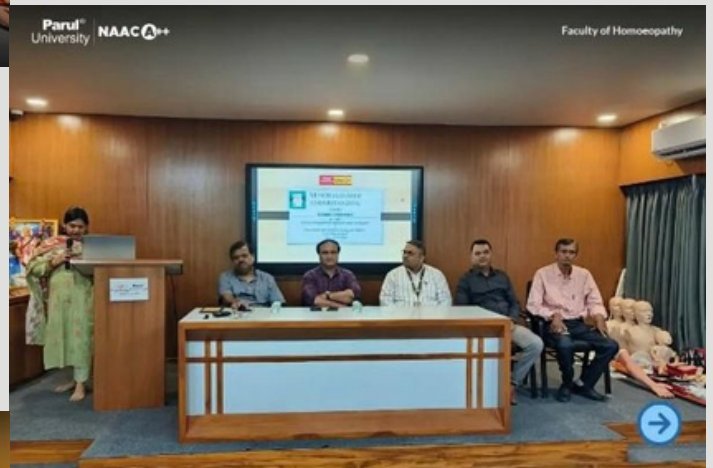
Highlighting our Ayush Care Workshop on Primary Trauma Care for Ayush Practitioners. Empowering our healthcare professionals with essential skills to provide critical care when it matters most.



JUNE 25, 2024

A significant step towards advancing homoeopathic education and healthcare.

Celebrating the MOU signing between the District AYUSH Office Vadodara, Govt. of Gujarat, and the Faculty of Homoeopathy, Parul University.



JUNE 25, 2024

Congratulating Indira Tamuk on winning the BJAIN Quiz for June 2024! Your dedication and hard work have truly paid off. Best wishes from Parul University Faculty of Homoeopathy.

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University

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Faculty of Homoeopathy

Congratulations



INDIRA TAMUK

BJAIN
Quiz Winner



June 2024

JUNE 28, 2024

An enlightening Instagram Live session with Dr. Gaurav Sharma on 'Rare Mother Tinctures & their utility in Homoeopathy'! 🌿✨ Hosted by Khayati Parekh, this session will provide valuable insights into the world of homoeopathy.

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INSTAGRAM LIVE

Rare Mother Tinctures & their
utility in Homoeopathy

Dr. Gaurav Sharma

HOD & Associate Professor
Dept. of Materia Medica
JNHMC

10:00 AM onwards
28th June, 2024



Host
Khayati Parekh

JULY 4, 2024

THE HOMOEOPATHIC MEDICAL ASSOCIATION OF INDIA
VADODARA UNIT, REVERENCE TO DR SAMUEL
HAHNEMANN - 9th EDITION, NATIONAL LEVEL
RESEARCH PROPOSAL PRESENTATION CONCLAVE
In collaboration with Pioneer HMC, JNHMC, PIHR &
VIDHYADEEP HMCRC.

Publication collaborators: B Jain publishers, Homoeopathy
360, and the Homoeopathic Heritage.

The Conclave was organized in Parul University



JULY 4, 2024

We are delighted to announce the signing of an MOU between Dr. Willmar Schwabe India Pvt. Ltd. and the Faculty of Homoeopathy, Parul University.

This collaboration marks a significant step towards enhancing research, education, and innovation in the field of homeopathy. Together, we aim to create new opportunities and elevate the standards of homeopathic education and practice.



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JULY 12, 2024

Promoting Health and Wellness! 🏥 ✨

On July 12th a comprehensive school health checkup was organized by the Department of Community Medicine, Jawaharlal Nehru Homoeopathic Medical College, in collaboration with Lions Club of Vishwamitri at Spectrum The Contemporary School.

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Faculty of Homoeopathy

SCHOOL HEALTH CHECKUP

ORGANISED BY
DEPARTMENT OF COMMUNITY MEDICINE
JAWAHARLAL NEHRU HOMOEOPATHIC MEDICAL COLLEGE

IN COLLABORATION WITH
LIONS CLUB OF VISHWAMITRI
AT **SPECTRUM THE CONTEMPORARY SCHOOL**



*A Healthier Tomorrow,
One Smile at a Time.*



12th July 2024



08:00 AM to 03:00 PM



Sapna Hall Campus, Opp. ONGC
Main Gate, Makarpura, Vadodara.

AUG 1, 2024

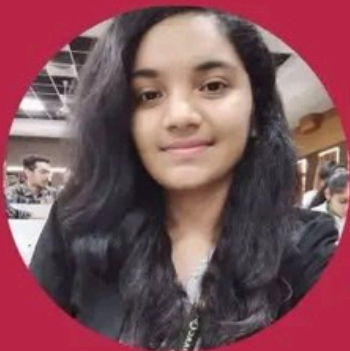
Congratulating the winner of the BJain Quiz Marathon -
July 2024!

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CONGRATULATIONS WINNER - BJAIN QUIZ MARATHON



Shruti Barot

1st Year, Jawaharlal Nehru
Homoeopathic Medical College



BJAIN
Quiz Competition

JULY 2024

AUG 24, 2024

Homoeopathic Medical Camp Honoring Parul University's Founder President, Dr. J. K. Patel.

On August 24th, 2024, a Homoeopathic Medical Camp was held in collaboration with the Vadodara Municipal Corporation (VMC) to honor the legacy of Dr. J. K. Patel, the Founder President of Parul University. The event was attended by Smt. Ritaben Acharya, Health Chairman of VMC, and her esteemed team. Smt. Acharya commended the medical team from Jawaharlal Nehru Homoeopathic Medical College, Parul University, for their dedication and significant contributions in delivering essential healthcare services to the community. A total of 135 patients benefitted from this camp.



AUG 30, 2024

Highlights from our insightful live webinar on the importance of the first 1000 days in maternal and child health. Dr. Arpita S. Patel shared valuable knowledge, inspiring us to prioritize health from the very start

Parul® University **NAAC A++** Faculty of Homoeopathy

Glimpses of LIVE WEBINAR
Organised by Jawaharlal Nehru Homoeopathic Medical College

TOPIC
Importance of First 1000 days in Maternal and child health

Thursday 29th August 2024 **Timings** 3:00 PM - 4:00 PM

4th Commemoration day of Founder President of Parul University Dr.J K Patel in accordance with SDG - 3 & 4

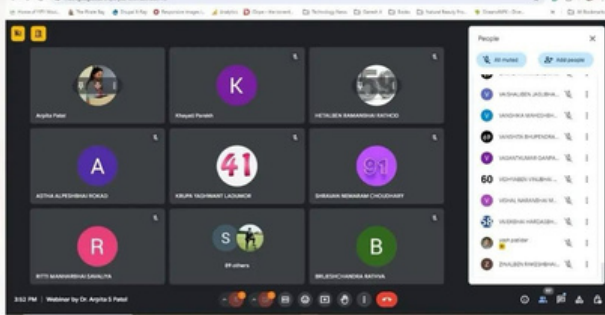
DR. JAYESH K PATEL
Late Founder President, Parul University
Celebrating the Legacy
An Event in the Memory of Late Founder President of Parul University

SPEAKER
Dr. Arpita S. Patel
BHMS, MPH



Parul® University **NAAC A++** Faculty of Homoeopathy

Webinar by Dr. Arpita S. Patel



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Webinar by Dr. Arpita S. Patel



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Webinar by Dr. Arpita S. Patel



Parul® University **NAAC A++** Faculty of Homoeopathy

Webinar by Dr. Arpita S. Patel



AUG 31, 2024

Capturing insightful moments from our recent webinar on 'Homoeopathic Treatment for Skin Diseases' by Dr. Krupesh Patel.

This session was part of the 4th Commemoration Day of our Founder President, Dr. J.K. Patel, aligning with SDG 3 & 4. A special thanks to everyone who joined us.

Parul University **NAAC A++** Faculty of Homoeopathy

Glimpses of LIVE WEBINAR
Organised by Jawaharlal Nehru Homoeopathic Medical College

TOPIC
Homoeopathic Treatment for Skin Diseases

Thursday
30th August 2024 **Timings**
3:00 PM - 4:00 PM

4th Commemoration day of Founder President of Parul University
Dr. J K Patel in accordance with SDG - 3&4

DR. JAYESH K PATEL
Late Founder President, Parul University
Celebrating the Legacy
An Event in the Memory of Late Founder President of Parul University

SPEAKER
Dr. Krupesh Patel
BHMS, BEM, Trichologist (WMTA)(USA)

Parul University **NAAC A++** Faculty of Homoeopathy

CASE 1:-
MEDICINE - ARS IOD 200
ARS IOD 1M

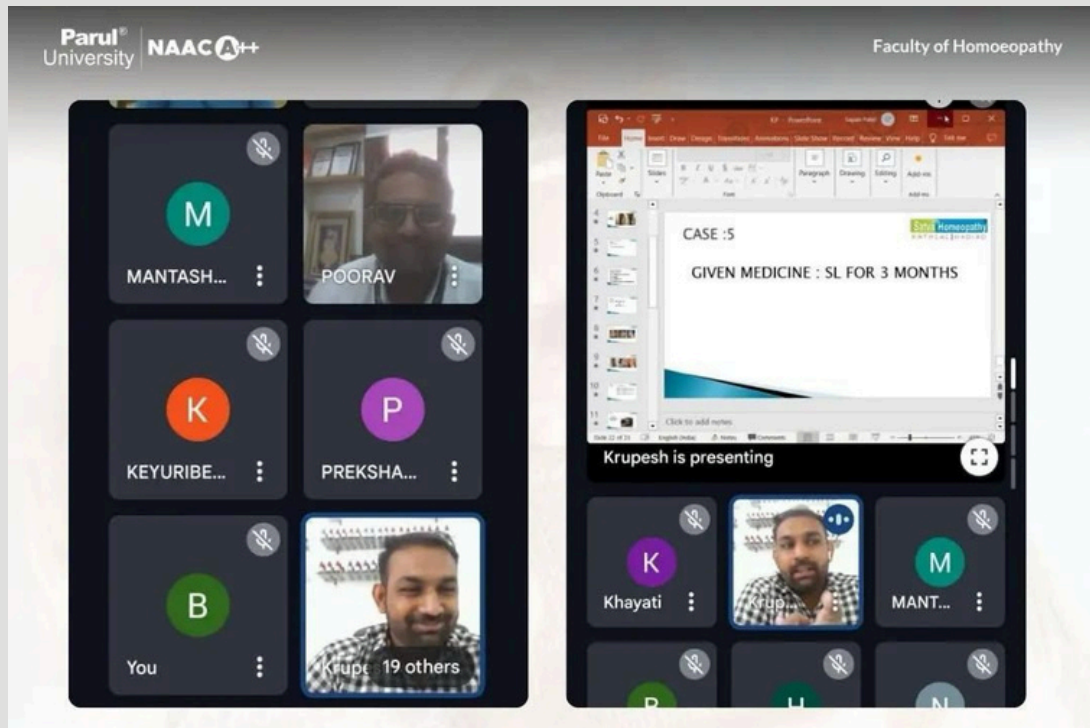
Krupesh is presenting

CASE 2:-
VITILIGO
GIVEN MEDICINE:
ARSENICUM SULPHURATUM FLAVUM 200
ARSENICUM SULPHURATUM FLAVUM 1M
ARSENICUM SULPHURATUM FLAVUM 10M

Krupesh is presenting

AUG 31, 2024

Capturing insightful moments from our recent webinar on 'Homoeopathic Treatment for Skin Diseases' by Dr. Krupesh Patel.



MEDICAL CAMP

MONTH	NUMBER OF CAMPS	TOTAL BENEFICIARIES
JUNE 2024	05	489
JULY 2024	06	528
AUGUST 2024	11	1002



MEDICAL CAMP





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