

2.3.5

Appropriate documentary evidence

- MET workshops conducted by Institute
- Poster competition
- Symposium of UG students (Vertical Integration)
- Ex- Physio Software used by students
- Case presentations/Problem based learning/Lab report analysis (Few samples)
- Algorithms on clinical procedures
- Wall Journal
- Missing word game
- Cross word game
- Flipped classroom
- Power point presentation by students
- Rating scales used by Psychiatry department
- E-learning- E-Journal, E-books, Google classrooms, Video lectures.

Medical Education Technology Unit ACPM Medical College, Dhule

**Workshops conducted for Medical education technology
and Basic research methodology.**

No.	Workshop	Place	Date	No. of participants	No. of resource persons
1.	Basic MET	ACPM MC Dhule IMETTT, MUHS Nasik	7 th to 9 th Aug. 2015	30	11
2.	Basic RMW	ACPM MC Dhule IMETTT, MUHS Nasik	5 th to 7 th Feb. 2016	50	09
3.	Basic RMW	ACPM MC Dhule IMETTT, MUHS Nasik	26 th to 28 th Aug. 2016	51	11
4.	Basic RMW	ACPM MC Dhule IMETTT, MUHS Nasik	15 th to 18 th Feb. 2018	51	09
5.	Basic RMW	ACPM MC Dhule IMETTT, MUHS Nasik	24 th to 26 th Aug. 2018	55	10
6.	Basic RMW	ACPM MC Dhule IMETTT, MUHS Nasik	12 th to 14 th Oct. 2018	54	10
7.	12 th Revised basic MET	Dept. of MET, GSMC & KEMH- MCI Nodal Centre	29 th to 31 st Jan 2019	05	14
8.	Attitude, Ethics and Communications Module (AET-COM)	Dept. of MET, GSMC & KEMH- MCI Nodal Centre	1 st Feb. 2019	05	10
9.	Revised basic MET	Maharashtra University of Health Sciences Nashik	17 th to 19 th June 2019	23	09
10.	Curriculum Implementation Support Programme (CISP)	ACPM MC Dhule IMETTT, MUHS Nasik	1 st to 3 rd July 2019	23	05
11.	CISP II	ACPM MC Dhule IMETTT, MUHS Nasik	22 nd & 23 rd Dec 2020	30	11
12.	Revised Basic Course Workshop	ACPM MC Dhule IMETTT, MUHS Nasik	30 th March to 1 st April 2021	18	11


Dr. N.V. Dravid,

Coordinator, (MEU)
ACPM Medical College, Dhule.





Post Box No. 145,
Sakri Road,
Dhule - 424 001.

Jawahar Medical Foundation's
**Annasaheb Chudaman Patil Memorial
Medical College**

Ph. (02562)276317,18,19
Fax : (02562) 278027
e-mail : acpmmcdhule@gmail.com
web : www.acpmmf.com

Ref No.- 1394/ACPMMC/Dhule

Date-1/11/2019

Circular

This is to inform all first MBBS students that department of physiology is organizing poster competition on 05 /11 / 2019

Those who are interested should register their name at department of physiology before 05 /11 /2019

Time – 11.00 am to 01.00pm

Venue – Dept. of Physiology

Copy to-

Dean

Student notice board


Prof and HOD

Dept. of Physiology

ACPM MC Dhule
Professor & Head,
Department of Physiology,
A.C.P.M. Medical College, Dhule (M.S.)





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web : www.acpmjmf.com

PROGRAM REPORT

Title of Program	Poster making competition
Objective of Program	To facilitate creativity , innovation among the students To facilitate team work and analytical skill among students.
Participant Type (tick applicable)	First MBBS students
Date and Duration of Program	Date :05/11/2019 From: 11.00am to 1.00pm
Venue of the program/event	Dept. of Physiology
Program Organized by (Department/Committee/Unit)	Dept. of Physiology ,ACPM MC DHULE.
Program in-charge	Dr. R.C.Sharma
Name of Faculty/ Guest Speaker	Dr. R.C.Sharma ,Dr. P.S. Shinde
Supporting staff member	All the teaching and non teaching faculty of Dept. of Physiology
Number of participants (attended program/event)	50
Brief about the Program (Activity/Event details)	Poster competition was held in the Dept . of Physiology . A group of 2-3 students prepared the posters and were instructed to explain the poster . Best presenter was awarded.

Prepared by Coordinator



HOD
Professor & Head,
Department of Physiology,
A.C.P.M. Medical College, Dhule (M.S.)



**JAWAHAR MEDICAL FOUNDATION'S
A.C.P.M. MEDICAL COLLEGE & HOSPITAL**

📍 Sakri Road, Dhule - 424001 (Maharashtra)
📞 Ph.No.: 02562 - 276317,18,19 Mob. 8686585839

✉ Email : deanacpm@gmail.com
✉ acpmmcdhule@gmail.com
🌐 website : www.jmfacpm.com

Ref:ACPMMC/Path/ II/490A

Date: 30/06/2021

SYMPOSIUM- LEPROSY
Vertical Integration-II MBBS
Date: 03rd July 2021

Venue- Auditorium Hall

Time- 11 A.M.

No.	Topic	Subject	Presenter
1.	Epidemiology & Indian Prospective	PSM	Shinjini Patra 19085
2.	Clinical Presentation & manifestation	Skin & V.D.	Chahat Singh 19014
3.	Microbiology & Immunology	Microbiology	Ayushi Jain 19005
4.	Pathology of Leprosy	Pathology	Sneh D. Cruz 19019
5.	Pharmacology & Therapeutics	Pharmacology	Sudhanshu Patil 19091
6.	Surgical Intervention & Rehabilitation	Surgery	Sahota Harpreet Kaur 19071


H.O.D.

Dept of Pharmacology


H.O.D.

Dept of Pathology


H.O.D.

Dept of Microbiology


Dean

A.C.P.M. Medical College, Dhule

DEAN
A.C.P.M.MEDICAL COLLEGE & HOSPITAL
DHULE



Bureau for Health and Education Status Upliftment

(Constitutionally Entitled as Health-Education, Bureau)

55/20, Rajat Path, Mansarovar, Jaipur

Rajasthan, Pin : 302020

Contact : Basic : 0141-2783681, (M) 9636348191, 7976447983

Mail : support@heb-nic.in, serviceheb@gmail.com

Website : www.heb-nic.in



Date: 10/06/2021

Ref. No: EPY/1032/1/22/DSR

To,
The Principal,
ACPM Medical College,
Sakri Road, Dhule -424001 (MS).

Subject: Confirmation of subscription.

Dear Sir/Madam,

In response to subscription request & subscription amount received from you, we are here by sending you the dedicated password of Experimental Physiology (Ex-Physio) Series Software & Plag-Check Software (Regular), Checking Limit – In Queries* 50,000 (*1 query means group of words, ending with full stop.) and the invoice for Experimental Physiology (Ex-Physio) Series Software and Plag-Check Software (Regular) (attached with letter).

We hereby confirm your subscription of Experimental Physiology (Ex-Physio) Series & Plag-Check Software (Regular) Software from JUNE-21 to MAY-22 (1 Year).

To use Experimental Physiology (Ex-Physio) Series Software, please enter the password in below mentioned link:

Link: <http://heb-nic.in/Ex-Physio/login.php>

User ID: acpmm

Password: acpmm123

To use Plag-Check Software (Regular) Software, please enter the password in below mentioned link:

Link: <http://bhesu.in/plag-check/login.php>

User ID: acpmm

Password: acpmm123

You will be receiving further communications time to time also.

Thanking you

Director,
Digital Service Division



Enclosed:

- ♦ The Invoice
- ♦ User Manual



*Circulate to
teaching & other staff
Hus.*

*To HOD
Physiology
Hus
22/6*

CWR

*Plg
23/6/2021 AR*



HEALTH EDUCATION BUREAU
(Bringing Innovations in Health & Learning)
Address: 55/20, Rajat Path, Mansarovar,
Jaipur, Rajasthan, Pin: 302020
Contact: 0141-2783681, 9636348191
Mail: serviceheb@gmail.com, support@heb-nic.in
Website: www.heb-nic.in

INVOICE

PAN NO: AGAPA7570J

GST Reg. No: 08AJAPA7570J1Z8

INVOICE NO: 9567/2021

DATE: 10/06/2021

The Principal,
ACPM Medical College,
Sakri Road, Dhule-424001 (MS)

FORM:

A

PRODUCT
CODE:

HP-JEN

SUB PRODUCT
CODE:

ONLINE

BOOKING
EXECUTIVE
CODE:

MHMAK

CLIENT LOCATION: Dhule

SR.	DESCRIPTION	SUBSCRIPTION		AMOUNT IN RUPEES (INCLUSIVE ALL TAXES)	NET PRICE	REMARKS	CATEGORY
		FROM	TO				
1	Experimental Physiology (Ex- Physio) Series Software	JUNE-21	MAY-22	5,864 ₹	13,830 ₹	-	INSTITUTION
2	Plag-Check Software (Regular) Checking Limit - In Queries* 50,000	JUNE-21	MAY-22	7,966 ₹			

AMOUNT IN WORDS: Thirteen Thousand Eight Hundred and Thirty Rupees Only

PAYMENT RECEIVED

BALANCE TO COLLECT

MODE	AMOUNT	TRANS. NO.	DATE	BANK	MODE	AMOUNT	TRANS. NO.	DATE	BANK
/CHEQUE/ FT/RTGS					D.D./CHEQUE/ CASH				
ANY OTHER	13,830 ₹				NEFT/RTGS				

PAYMENT RECEIVED: Thirteen Thousand Eight Hundred and
Thirty Rupees Only

BALANCE TO COLLECT:

FOR HEALTH EDUCATION BUREAU

Account details for NEFT/RTGS

Name of A/C Holder: Health Education Bureau
Name of the Bank: UCO Bank
Account Number: 20960210003121
IFSC code: UCBA0002096
MICR Code: 302028023
Bank Branch Name & Code: Mansarovar, Jaipur Branch, Code: 002096
District & State: Jaipur, Rajasthan

AUTHORISED SIGNATORY
DATE: 10/06/2021

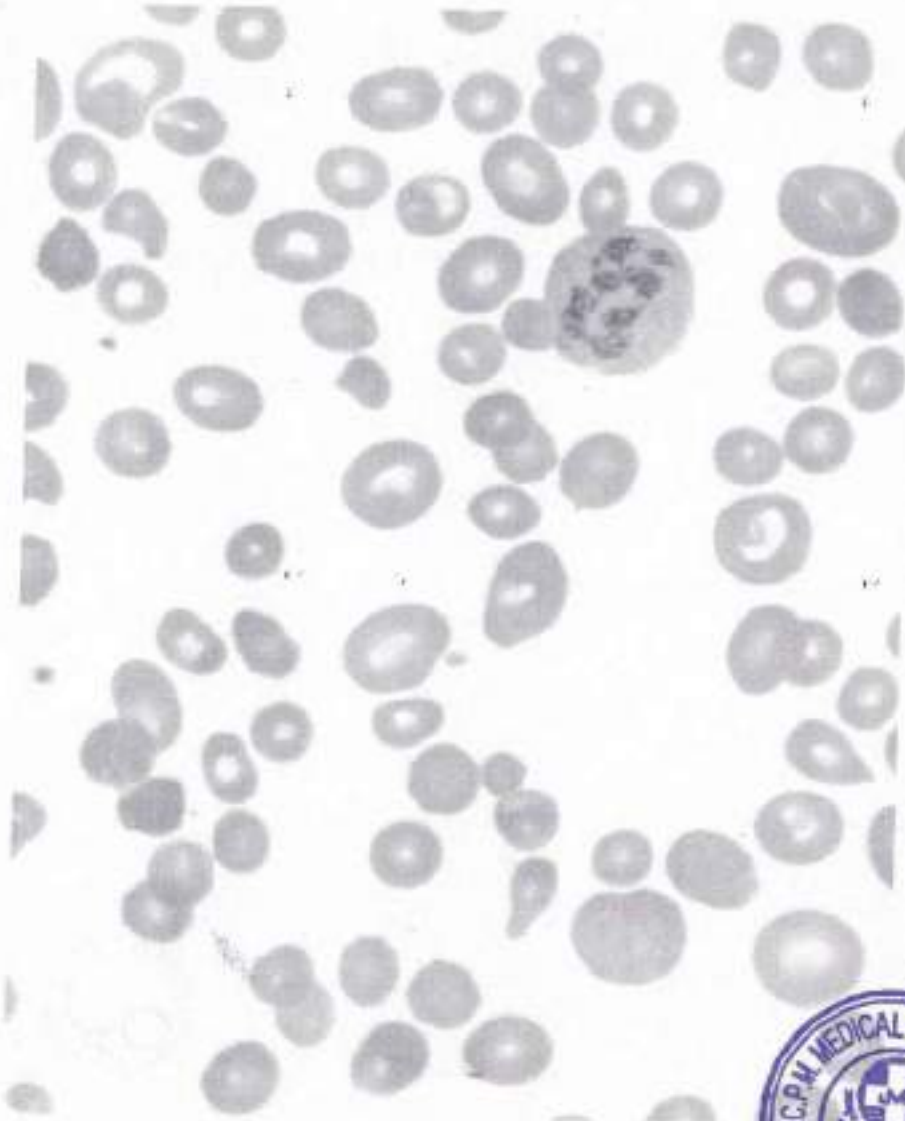


CASE No. 1

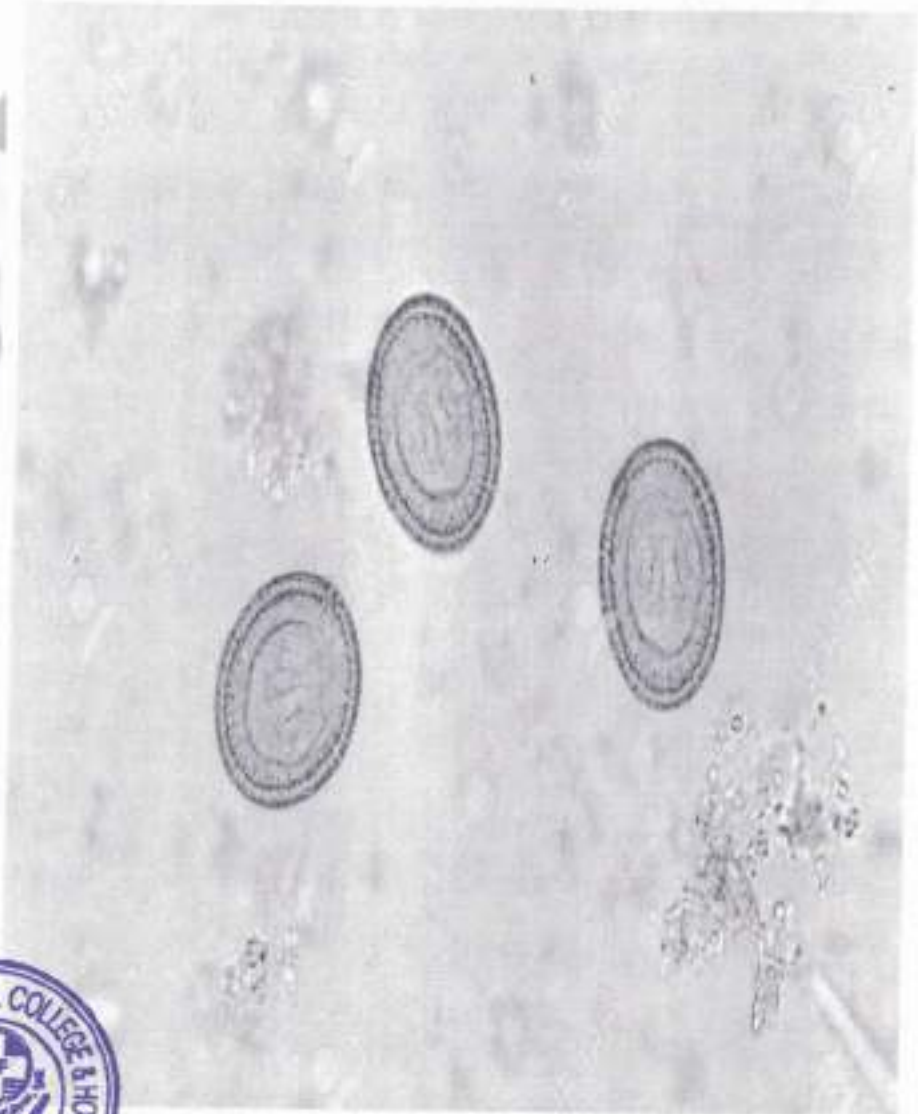
- A 38 yrs old female came with c/o malaise, fatigue, breathlessness. Immediate past H/o 2 fainting episodes. Hb-9.2gm/dl, HCT- 27.9 %, MCV- 132 fL. RDW- 25.8 %.



PBS



Stool Examination



QUESTIONS

- 1) Enumerate differential diagnosis.
- 2) What are the lab findings in favour of your diagnosis?
- 3) What will be the treatment plan in this patient?



CASE NO.2

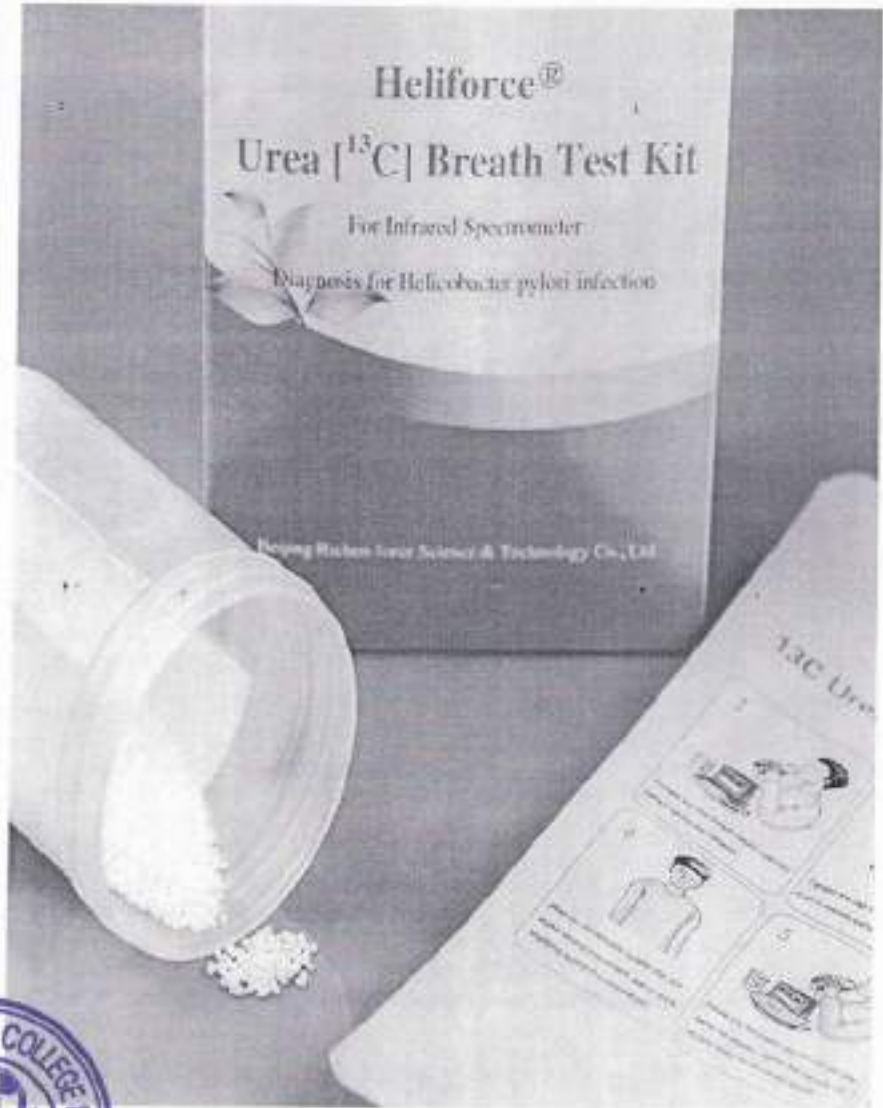
- A 40 yrs old corporate manager c/o epigastric pain, nausea since 2 months. Intensity of pain increases at night. He was advised Urea Breath Test, which has been reported as 'Positive'. Gastrosocopy revealed an antral ulcer. Biopsy was done.



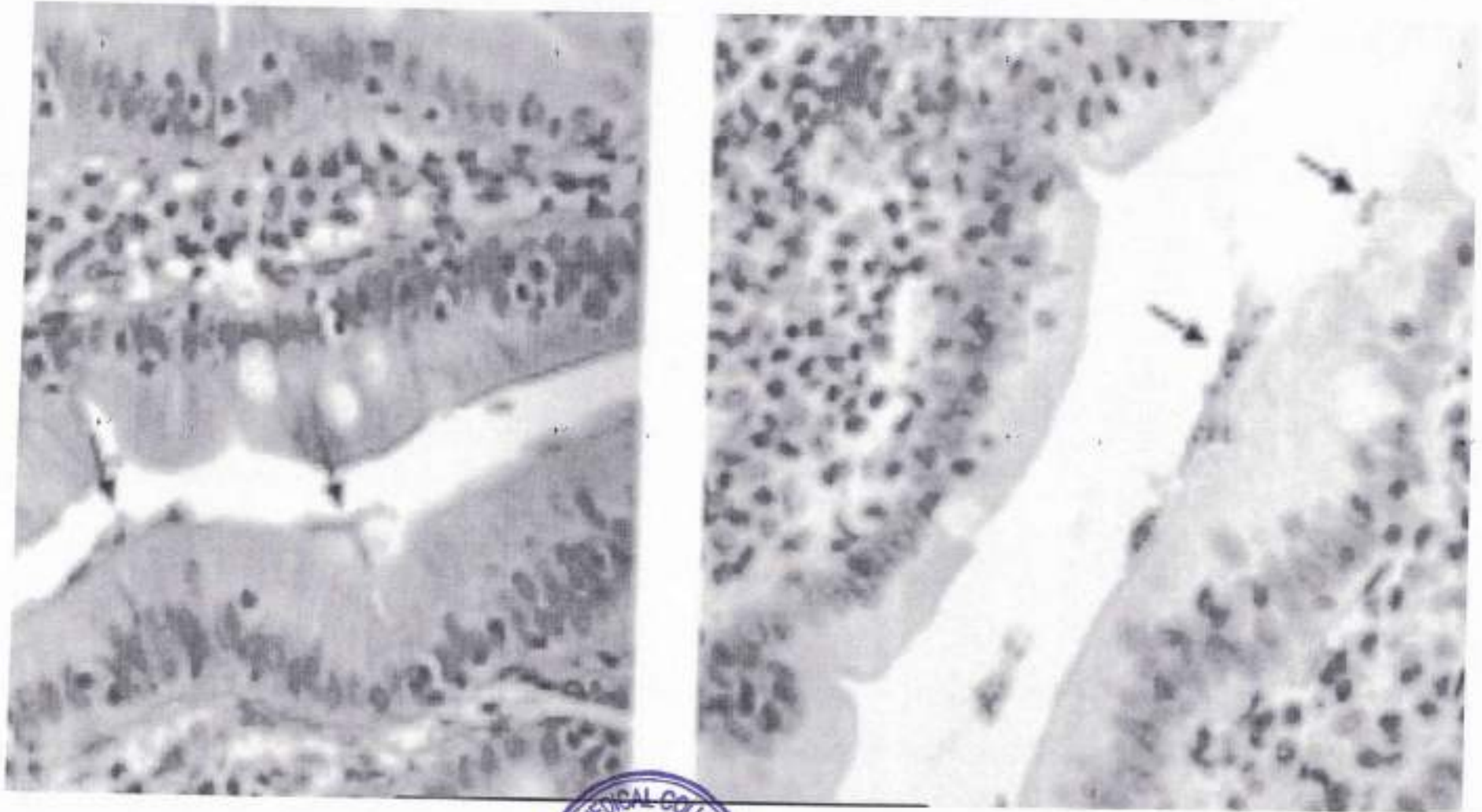
Gastroscopy



Urea Breath Test



Biopsy interpretation



Questions

- 1) What is the probable diagnosis?
- 2) What should be the pathologic findings confirming the diagnosis?
- 3) How will you treat this patient?

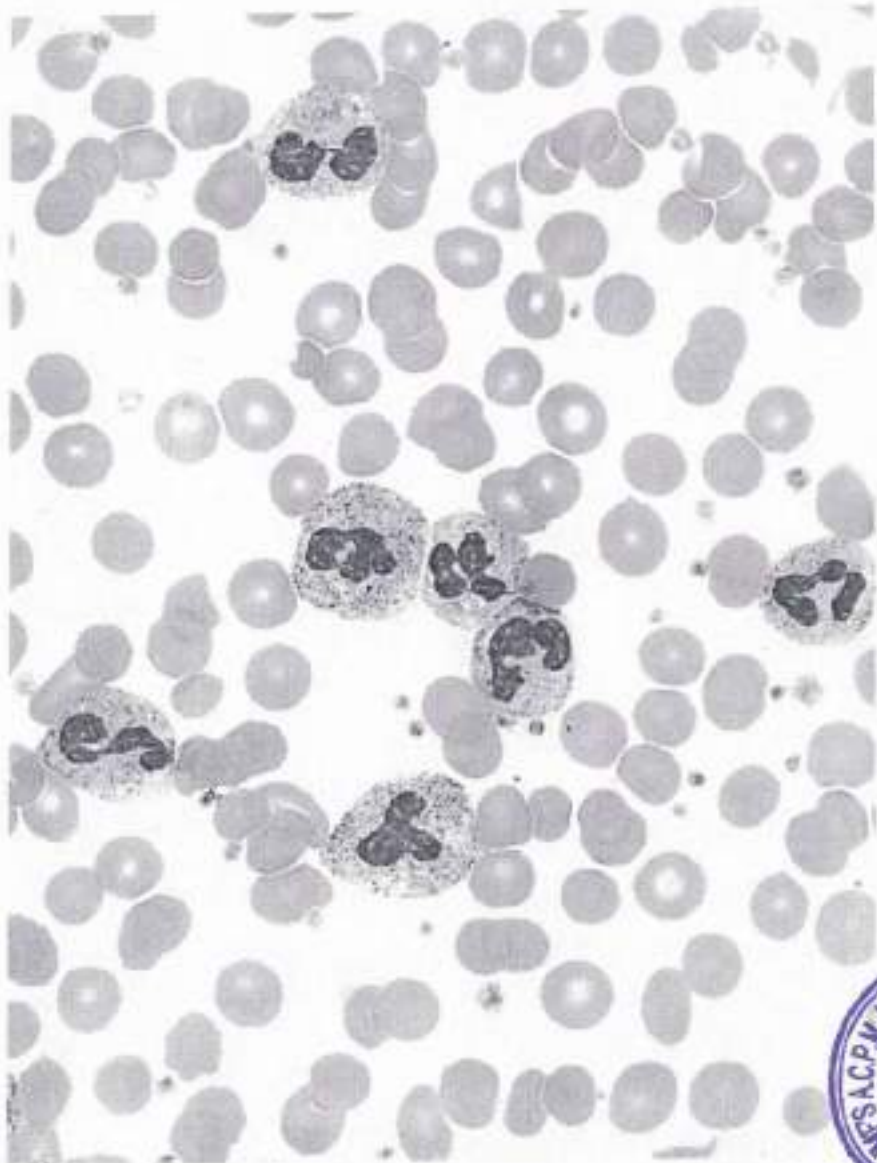


CASE NO. 4

- A 56 yrs old male had an episode of severe abdominal pain and fever 10 days before admission. He self medicated with a cathartic which made him feel worse. He started having cramps in calf muscles. During hospitalisation, icterus was noted. Patient vomited periodically and before admission had 6 bouts of bulky diarrhoea with blood streaks.
- Clinical history- Temp. 43°C, Tachycardia, tachypnoea, Normal BP, Marked icterus. CVS, RS- Within Normal Limits. Abdominal Distension noted with moderate diffuse tenderness.
- Lab investigations- Marked neutrophilic leucocytosis, Conjugated hyperbilirubinemia, significant prolonged PT.



PBS



Urine



Blood Culture



Indole

MR

VP

Citrate



QUESTIONS

- 1) What is the probable clinical diagnosis?**
- 2) What is the interpretation of lab tests?**
- 2) Discuss your plan of treatment and management.**



CASE NO. 5

- **A cachectic 34 yrs old male presented with progressive shortness of breath and cough with expectoration since 1 month. There was increasing fatigue, breathlessness on exertion and mild chest discomfort. C/o periodically night sweats with rise in temperature. He noted loss of weight since last 3 months. The chest X-Ray and Lab findings are submitted for interpretation.**





Questions

- 1) What is the clinical diagnosis?
- 2) What is the interpretation of investigations done?
- 3) Which other additional investigations should be done to confirm diagnosis?
- 4) What is the treatment plan and difficulties in managing this patient?



ACPM Medical College Dhule

Department Of Medicine

Clinical Scenario

CASE 2) A 36 Year old male, farmer presented to emergency department with swelling and bleeding from left leg after he was bitten by a snake early in the morning when he was working in the farm he also complained of bleeding from gums , hematuria , and not passed urine since morning . he was conscious and oriented . his blood pressure was 90/60 mmhg . neurological examination did not reveal any abnormality .

DATE- 25/5/2020

TIME- 11AM-1PM

PLACE-SEMINAR ROOM

TOPIC-CLINICAL SCENARIO



Department of medicine

**Professor & Head,
Department of General Medicine
A.C.P.M. Medical College, Dhule (M.S.)**

ACPM Medical College Dhule

Department Of Medicine

Clinical Scenario

Case 1) A 20 year old male presented with history of diffuse abdominal pain , myalgia ,difficulty in swallowing , pooling of secretions. He also complained of difficulty in breathing and diplopia with acute onset drooping of eyes . He was conscious, oriented to time and place , with a respiratory rate of 12 per minute and single breath count of 12. The power in all limbs was 4/5 but all reflexes were absent . He had ptosis , and the rest of the general and systemic examination was normal .He was absolutely normal the previous night when he had slept on the floor.

DATE- 25/5/2020

TIME- 11AM-1PM

PLACE-SEMINAR ROOM

TOPIC-CLINICAL SCENARIO



Department of medicine

**Professor & Head,
Department of General Medicine
A.C.P.M. Medical College, Dhule (M.S.)**

Long case :2

A 60 year old gentleman comes with ulcer over rt foot since 6 months. Patient is a known diabetic since 15 years on medications.



What other history will you ask for ?

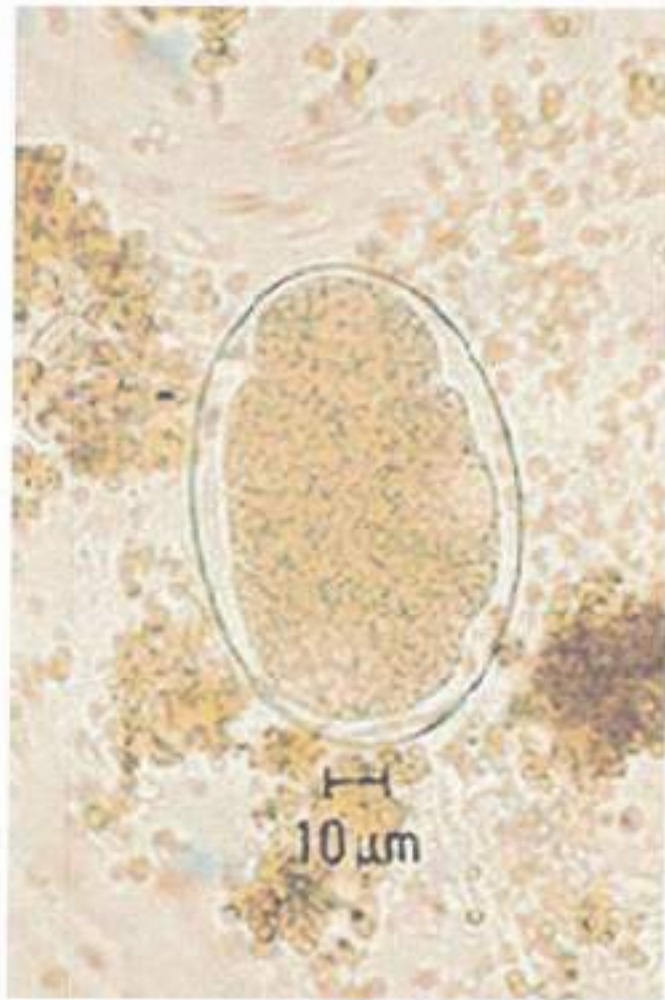
What general examination finding you look for ?

Describe how will you proceed with local examination ?

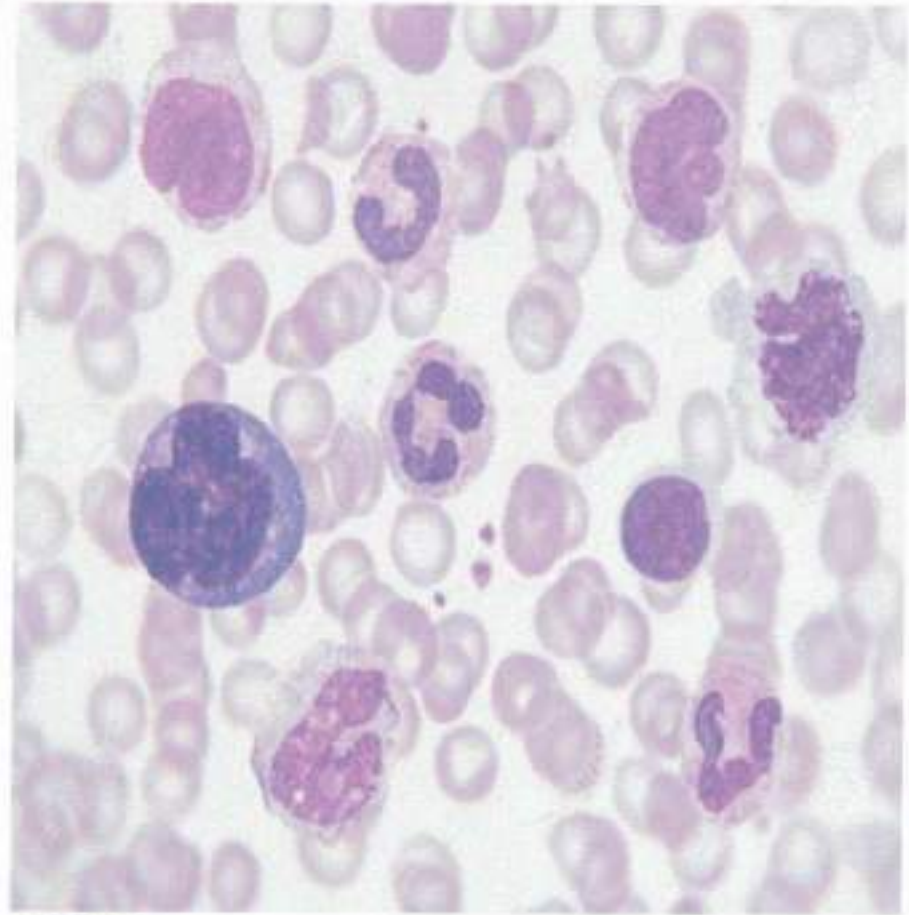
What are your differential diagnosis ?

How will you proceed ?





STOOL EXAMINATION



PBS

Early Clinical Exposure-IV

Mrs. Maria is a 32-year-old white woman, working as assistant operation manager in manufacturing cotton unit, presents with symptoms of recurrent abdominal pain and loose stools. She states that she has experienced these symptoms since adolescence, with periods of improvement and worsening over the years. She notes that her symptoms were most pronounced when she was in college. Over the past year, her symptoms have been occurring more frequently and with greater severity. Bloating and distention also have increasingly bothered her over the past 6 months. The bloating seems to worsen with food intake, while the distention progresses throughout the day. When questioned about abdominal pain, she describes it as 7 (on a scale of 10), with acute worsening immediately prior to defecation and significant improvement after defecation. She has loose stools approximately one third of the time and often will have 2-3 bowel movements per day. She jogs about a kilometer once in week, tries to eat 4-6 servings of fruits and vegetables daily, and taking a daily multivitamin, for many years. She feels that she is losing weight but her vital signs seems to be within normal limits: height 5'6", weight 46 kg, blood pressure 108/64 mm Hg, pulse 60 beats per minute, and respiratory rate 12 breaths per minute. On physical examination, she is a well-developed, well-nourished woman but exhibit some employment distress. Her physical examination is notable for mild tenderness to palpation in the left lower quadrant, but there is no rebound tenderness, guarding, or other peritoneal signs. The remainder of the physical examination is unremarkable.

About 5 years back, she presented to the emergency room complaining that she had vomited up blood at home. She had been suffering with sharp epigastric pain, especially in the morning, for one week before the vomiting began. The pain was accompanied by mild nausea and was relieved by food or antacids. She had a long history of peptic ulcer disease and was initially diagnosed with duodenal ulcer at age of 16. Despite at least six discrete episodes of ulcer documented by x-ray or endoscopy, she had never undergone surgery. The physician had worked up for Zollinger-Ellison syndrome, which was negative. Her endoscopy findings revealed scarring of the pylorus with a 2 cm ulcer in the first portion of the duodenum. Biopsy of the ulcer revealed curved bacilli with Warthin-Starry silver staining and a positive urease test. She was started on an H₂ blocker and the pain rapidly subsided.

1. Describe the clinical features of irritable bowel syndrome and duodenal ulcer.
2. Compare and contrast the irritable bowel syndrome and inflammatory bowel disease.
3. Explain the gut-brain axis [GBA]. Explain the role GBA in GI disorder.
4. Explain the feature of Gastric Mucosal barrier and its function.
5. Explain the neuronal mechanism of Gastro-iliac reflex and enterogastric reflex.
6. Explain the mechanism of nausea and vomiting.
7. Describe the pathophysiology of Zollinger-Ellison syndrome and its management.
8. What phenotypic characteristics of *H. pylori* are thought to account for its virulence? Which of them appear to be most important?
9. What further treatment might be helpful? What long-term benefits could she expect if she were to receive the additional treatment?
10. Describe mechanism of defecation reflex.

file

Professor S. Wadga
Department of Physiology
J.C.P.M. Medical College, Dhule



Before Induction of Anaesthesia

(with at least nurse & anaesthetic)

1) Has the patient confirmed his/her identity, site, procedure and consent)

Yes

2) Is the site marked ?

Yes/Not applicable

3) Is the anaesthesia machine and medication check complete?

Yes

4) Is the pulse oximeter on the patient and functioning ?

Yes

5) Does the patient have a known allergy?

Yes/No

6) Difficult airway or aspiration risk?

Yes, and two IV's / Central access and fluids planned

No

Name and Signature of Anaesthetic with date and time:

[Signature]

Before skin incision

(With nurse, anaesthetic and surgeon)

Confirm all team members have introduced themselves by name and role

Confirm the patient's name, procedure, and where the incision will be made

1) Has antibiotic prophylaxis been given within the last 60 minutes ?

Yes

Not applicable

2) Anticipated critical events

To Surgeon :

What are critical on non-routine steps ?

How long will the case take ?

What is the anticipated blood loss?

To anaesthetic:

Are there any patient specific concern?

To Nursing team :

Has Sterility (including indicator result) been confirmed ?

Are there equipment issues or any concerns?

3) Is essential imaging displayed ?

Yes /Not applicable

Name & Signature of Surgeon with Date & Time:

Algorithm

Before patient leaves operating room*

(With nurse, anaesthetic and surgeon)

Nurse Verbally Confirms:

The name of the procedure

Completion of the instrument, sponge, needle counts

Specimen labelling (read specimen labels aloud, including patient name)

Whether there are any equipment problems to be addressed

To surgeon, anaesthetic and nurse:

What are the key concerns for recovery and management of this patient?

Name & signature of Nurse with Date & Time

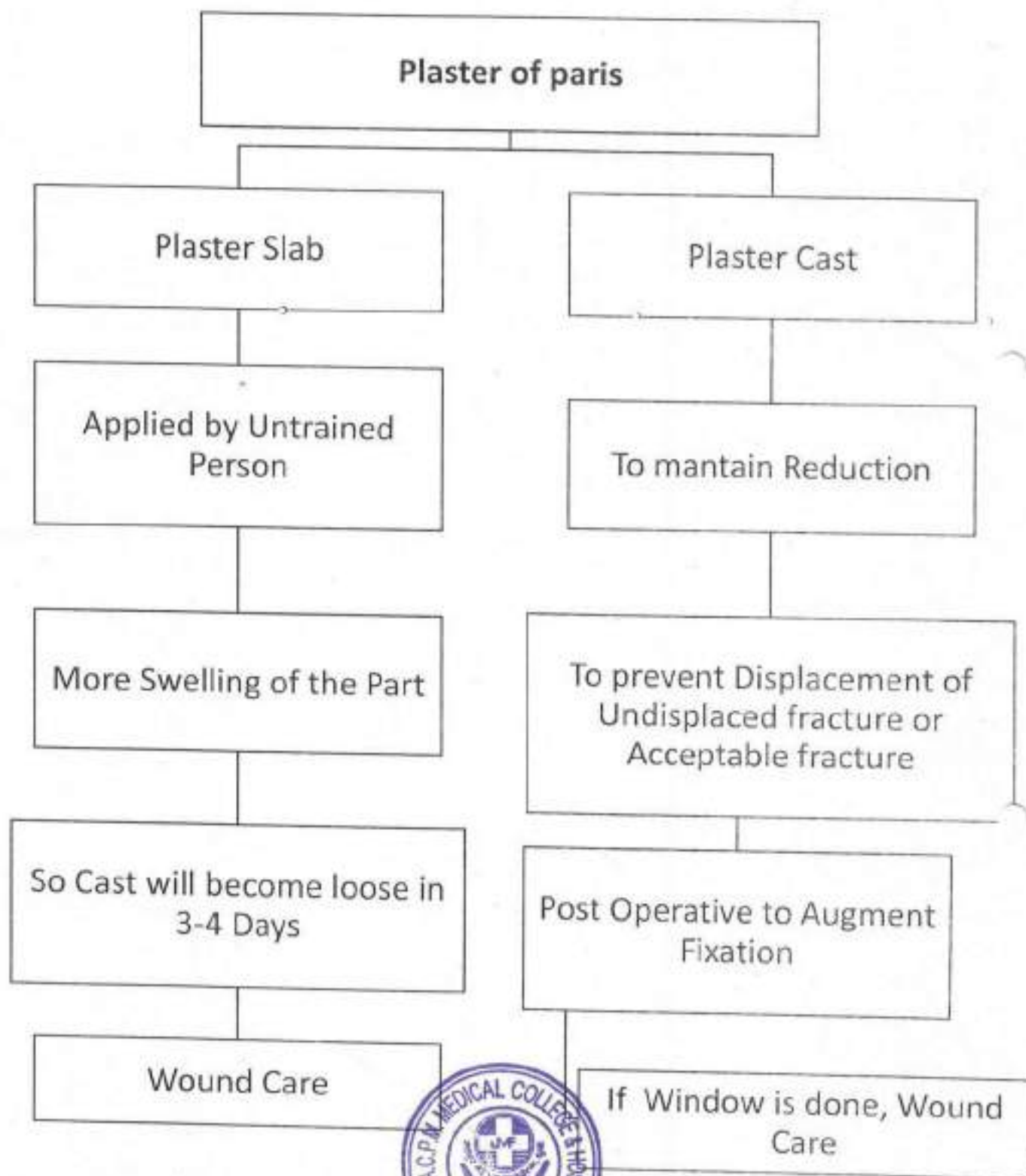


PROF. Dr. N. B. GOYAL

DEPT. OF ORTHOPAEDICS



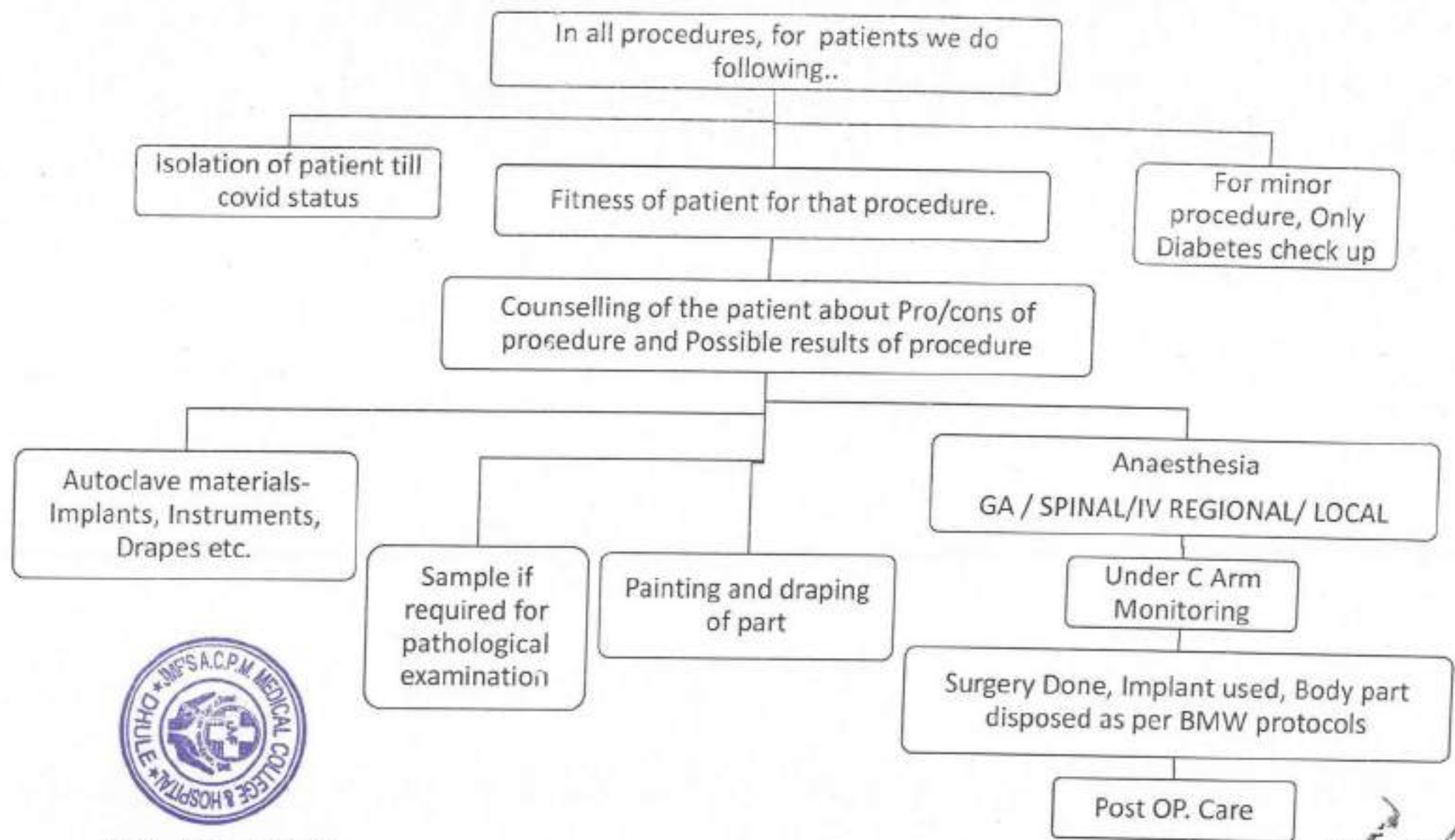
Date :



PROF.Dr.N.B.GOYAL
DEPT.OF ORTHOPAEDICS

Algorithm

*Received
[Signature]
20/10/21*



Department of General Surgery, A.C.P.M. Medical College, Dhule

Invites you to

Inauguration of ***“WALL JOURNAL”***

Venue : The White House

Date & Time : 5th Sept, 12:00 noon

By : Hon. Shri Dr. Annasaheb Bhaidas C. Patil



“e-Wall Journal” Inauguration by
Hon. Shri Dr. Ashish V. Patil Sir.

DEPARTMENT OF GENERAL SURGERY
A.C.P.M. MEDICAL COLLEGE, DHULE

Presents

"WALL JOURNAL"



1ST INAUGURAL ISSUE - SEPTEMBER 5TH, 2017



INDEX

1. Data, data everywhere, not a drop of insight to glean?
 - By JOSH BAXT
2. Even Handed Future Of Surgery – Ambidextrous, Serious Gamers With Innate Left Hand Laterality
 - Source: Nayan Agrawal, UCMS & GTB Hospital, New Delhi, India. Published in Indian Journal of Surgery (December 2016)
3. New ultra-fast test to determine antibiotic resistance
 - Journal Proceedings of the National Academy of Sciences
4. New type of MRI scan developed to predict stroke risk
 - Source - JACC: Cardiovascular Imaging Volume 10, Issue 7
5. Genes that make you friendlier identified
 - Times of India, Aug 27, 2017
6. New potential breast cancer drug identified
 - Source : Times of India, Aug 18, 2017
7. Seven Important Patient Engagement Statistics
 - By – Dr. Neelesh Bhandari
8. Robots better than humans at helping with gut surgeries: Study
 - Times of India, Aug 13, 2017



Date- 25/5/2020

ACPM Medical College
Department of Medicine

Department of medicine presents to you missing word game.

- 1) Acute Respiratory distress syndrome.
- 2) Von Hippel Lindau Syndrome.
- 3) Steven Johnson Syndrome.
- 4) Systemic lupus erythematosus
- 5) Malignant neuroleptic syndrome.

Date – 30/5/2020

Place- Lecture Hall 2

Time – 11am-1pm

Conducted by- Dr.Manjit Sisode



Prof. and HOD

ACPM medical college Dhule

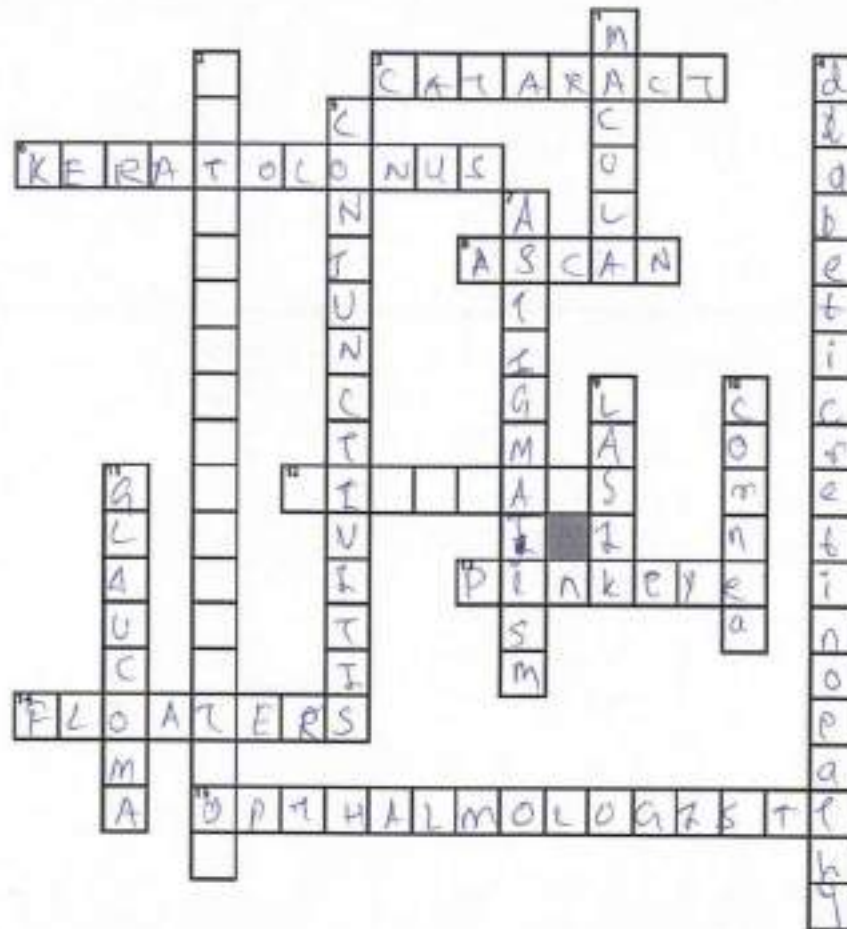
Professor & Head,
Department of General Medicine
A.C.P.M. Medical College, Dhule (M.S.)

Name: _____

Date: 7/9/2019

Ophthalmology Terminology

Nyoyesh Sadi



Across

3. Opacity or cloudiness of the crystalline lens.
6. Thinning and cone-shaped protrusion of the central cornea.
8. Type of ultrasound that is used for differentiating normal and abnormal eye tissue or for measuring length of eyeball.
12. Eyeglasses that are used for near and distance corrections.
13. Characterized by discharge, grittiness, redness and swelling; contagious.
14. Particles that float in the vitreous.
15. Physician specializing in diagnosis and treatment of problems related to eye diseases.

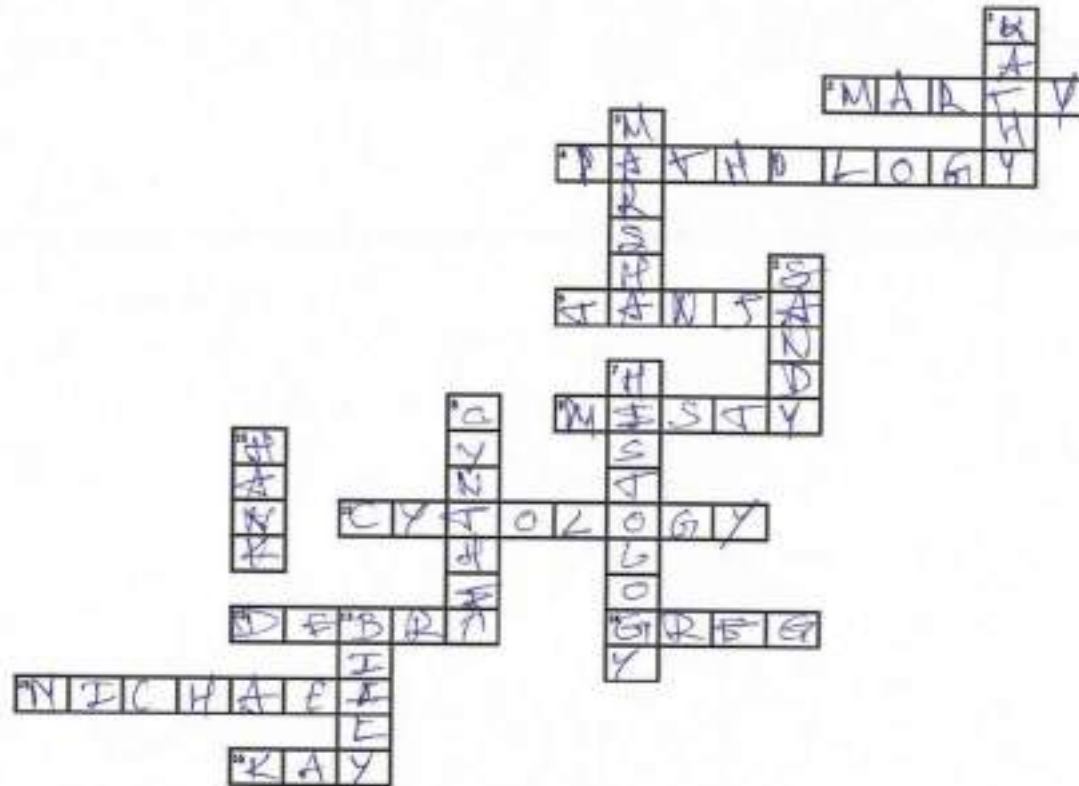
Down

1. Small central area of the retina surrounding the fovea.
2. Removal of a cloudy lens from the eye.
4. Retinal changes caused by long standing diabetes mellitus.
5. Inflammation of the conjunctiva.
7. Optical defect that prevents formation of a sharp image focus on the retina.
9. Type of refractive surgery that reshapes the cornea to correct for astigmatism, myopia, and hyperopia.
10. Transparent front part of the eye that covers the iris, pupil and anterior chamber.
11. Disease characterized by increased intraocular pressure.

Pathology

6/7/2021

Heramb Patil



Across

2. Clinical Support Assistant PRN
4. The form of medical science and specialty practice concerned with all aspects of disease.
6. 4:30 am Histotech I
9. 8:30 Histotech
11. The study of the anatomy, physiology, pathology, and chemistry of the cell.
12. Editor/Transcriptionist
14. Histotech I Entertainer
15. Gross Room Histotech I
16. Keeps the Pathologists straight

Down

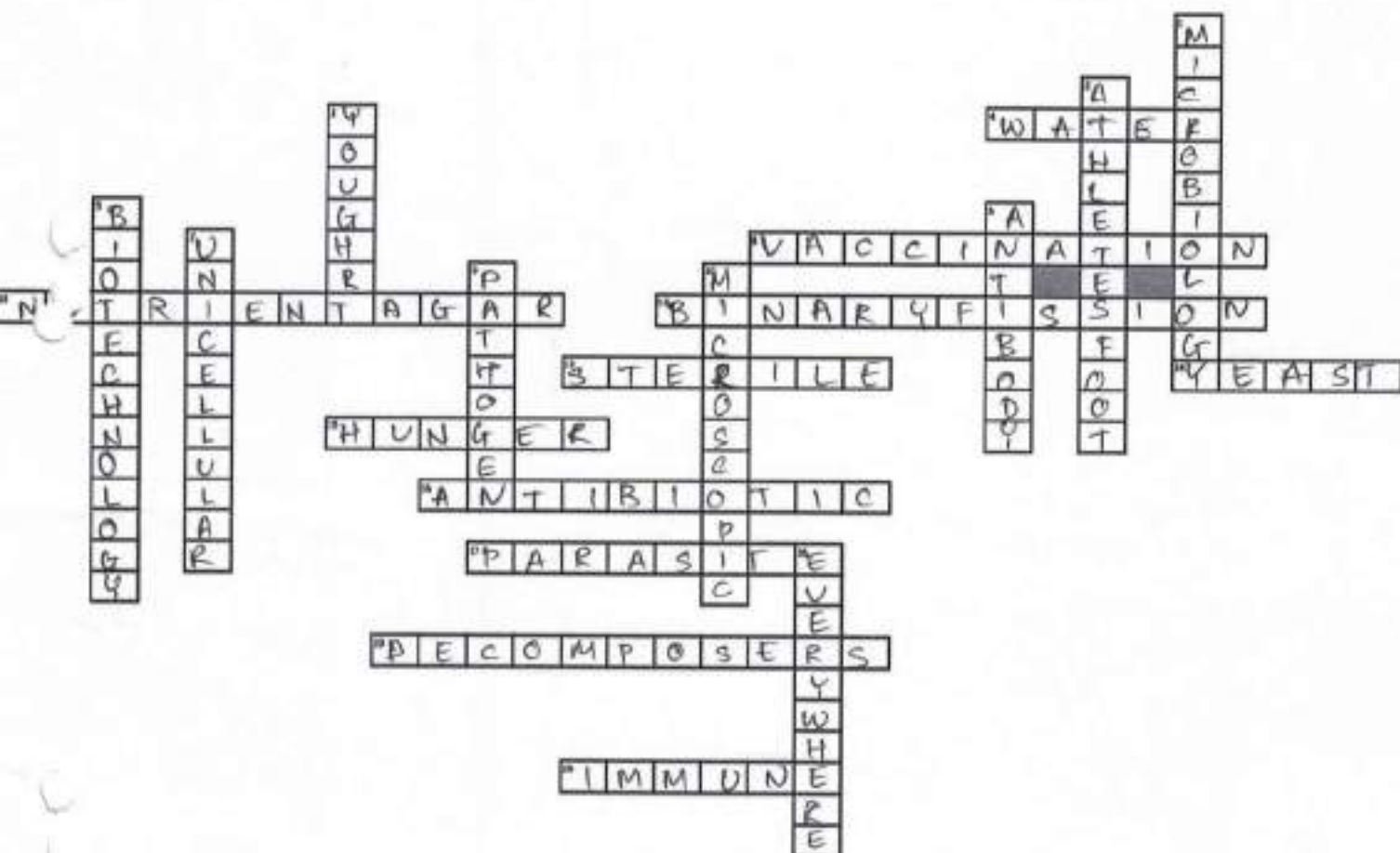
1. Histotech II
3. 8 am Cytotech
5. Cytotech 7 am
7. What is the science of cells, tissues and organs?
8. Manager of Pathology
10. Clinical Support Assistant PRN
13. Courier

Name: _____

Date: 6/7/2024

Microbiology

Snehal Verma



- Across**
1. A condition needed for the growth of microbes
 2. A harmless dose of a disease causing microbe
 3. A substance which contains food needed for the growth of microbes
 4. How bacteria reproduce
 5. Free from microorganisms
 6. microorganisms used in the brewing and baking industry
 7. A fungal disease which caused the Great Irish Famine
 8. A chemical which kills bacteria and fungi but not viruses
 9. An organism that lives in or on another living thing
 10. Organisms which feed on the dead remains of living things
 11. Resistant to a disease

- Down**
1. The study of microorganisms
 2. a human disease caused by a fungus
 3. A food made with the help of bacteria
 4. The use of living things to make a product
 5. A protein produced by white blood cells in response to an antigen
 6. Composed of only one cell
 7. An organism that cause disease
 8. A term used to describe things which can only be seen by a microscope
 9. Microorganisms are found here

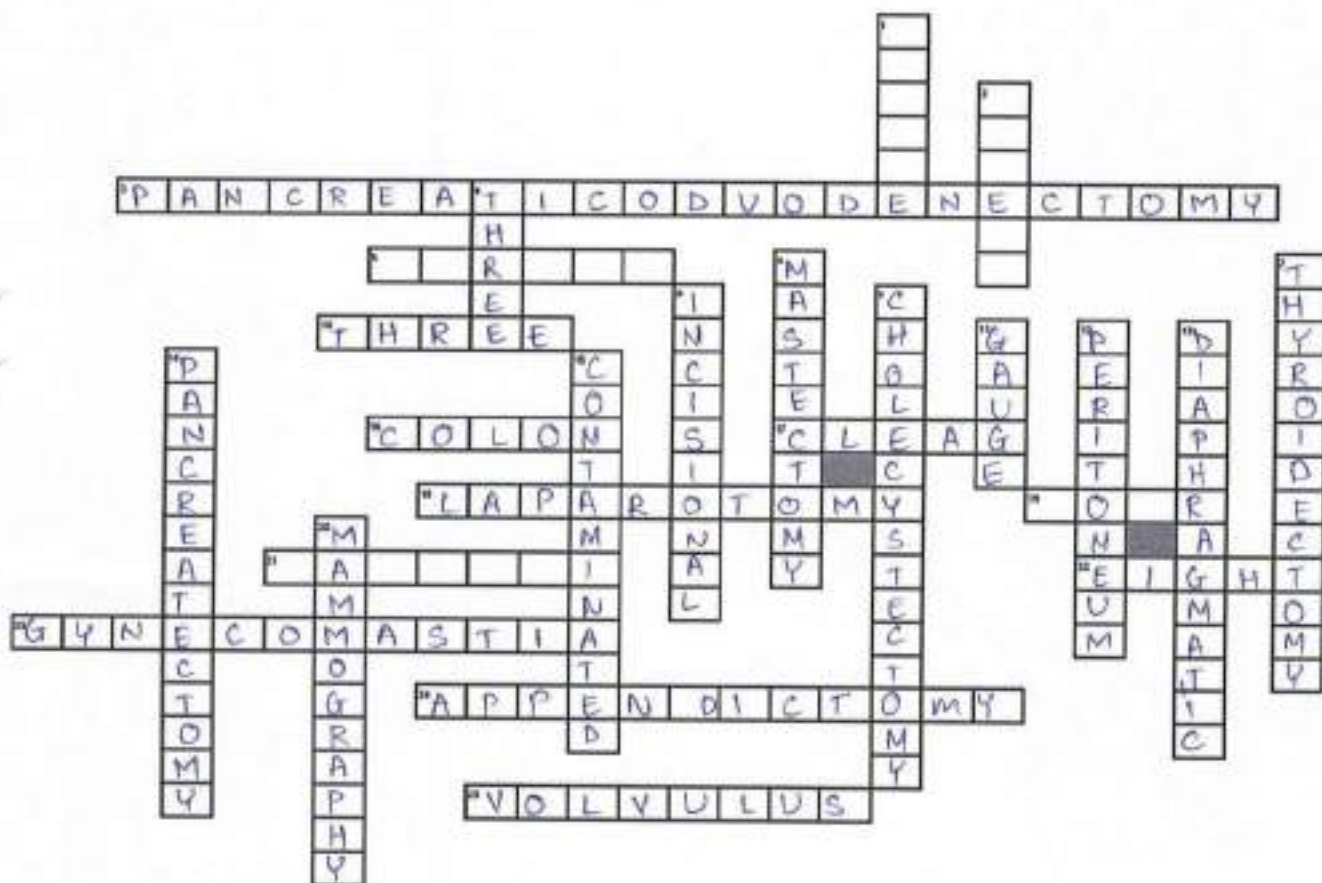


Name: _____

Date: 18/1/2019

Shubham Muttha

General Surgery



- Across
- Whipple procedure
 - Defect in abdominal wall
 - Number of sections in the colon
 - Anal canal is the last portion of this
 - Class 1 wound
 - Surgical opening of the abdomen into peritoneal cavity
 - How many layers of the colon
 - Another name for gallstones
 - Number of liver segments
 - Breast disorder in men
 - Removal of the appendix
 - Twisting of the bowel

- Down
- AKA total mastectomy
 - Acquired Hernia
 - How many regions of the pancreas
 - Removal of the breast
 - Removal of the thyroid gland
 - Hernia at the site of previous surgery
 - Removal of the gallbladder
 - What type of needle used on the liver
 - Serous membrane that lines abdominal cavity
 - Hernia of the diaphragm
 - Removal of the pancreas
 - Class 3 wound
 - Diagnostic breast test

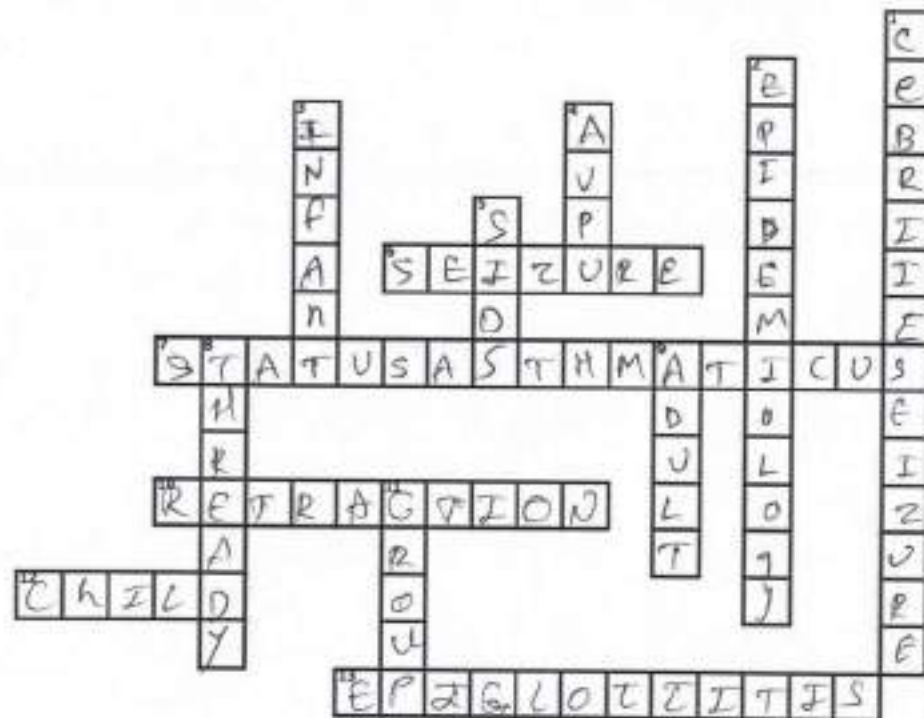


Name: _____

Date: 18/1/2019

Pediatrics

Vaibhav Patil



Across

6. ABNORMAL ELECTRICAL ACTIVITY IN THE BRAIN CAUSED BY INJURY, DISEASE, FEVER, INFECTION, METABOLIC DISTURBANCE OR DECREASED OXYGEN LEVELS
7. POTENTIALLY FATAL EPISODE OF ASTHMA IN WHICH PATIENT DOES NOT RESPOND TO INHALED MEDICATIONS
10. VISIBLE SINKING IN OF SOFT TISSUE BETWEEN THE RIBS
12. ANYONE WHO APPEARS THE AGES OF 1 YEAR AND 12 YEARS
13. BACTERIAL INFECTION THAT CAUSES SEVERE SWELLING OF THE EPIGLOTTIS RESULTING IN RESPIRATORY FAILURE

Down

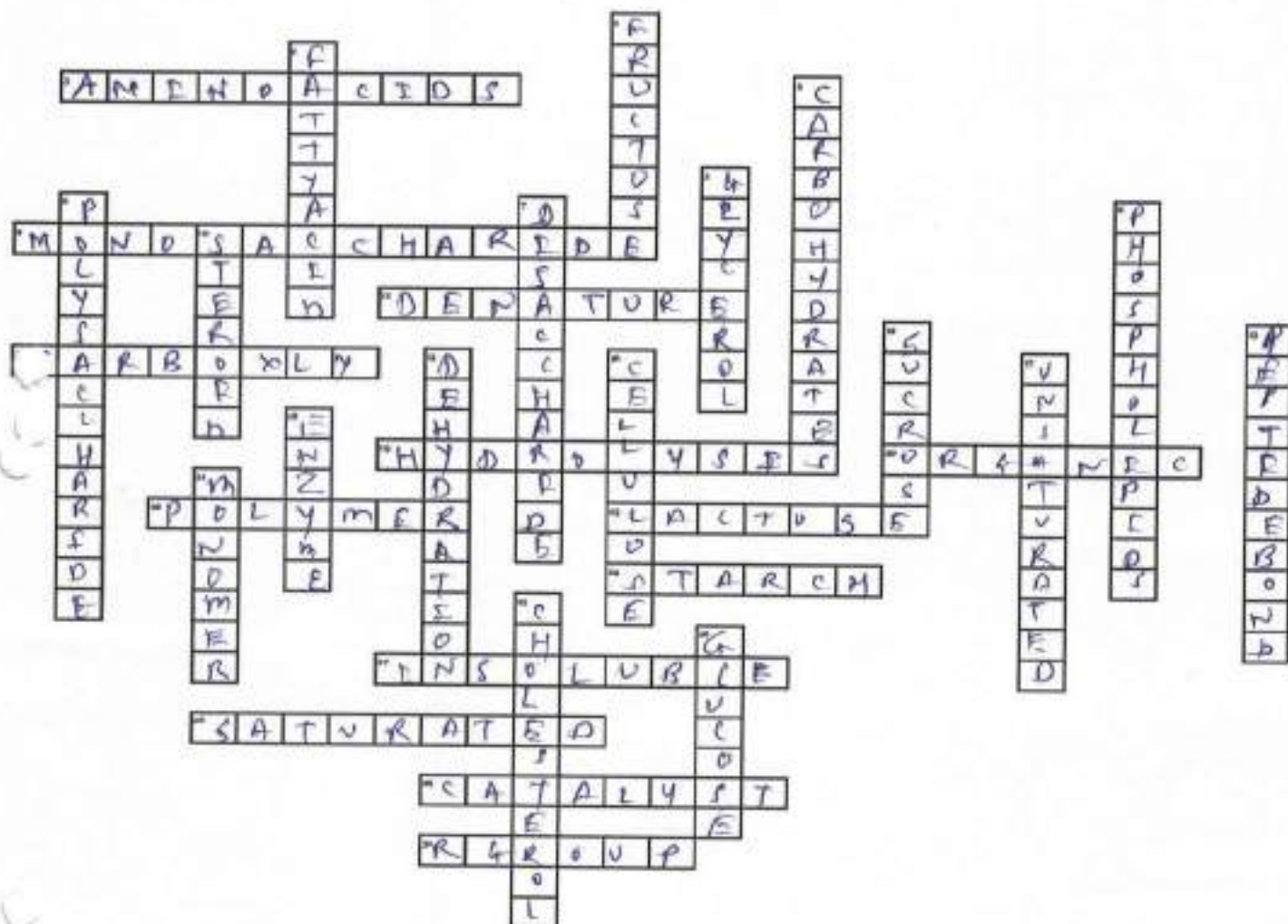
1. SEIZURE CAUSED BY AN EXCESSIVELY HIGH FEVER IN A CHILD OR INFANT
2. BRANCH OF MEDICINE THAT DEALS WITH THE INCIDENCE AND PREVALENCE OF DISEASE IN POPULATIONS
3. ANYONE WHO APPEARS YOUNGER THAN 1
4. USED TO DETERMINE THE CHILD'S LOC
5. SUDDEN INFANT DEATH SYNDROME
8. PULSE THAT IS BARELY PERCEPTIBLE
9. ANYONE WHO APPEARS OLDER THAN 12
11. UPPER AIRWAY VIRUS THAT AFFECTS CHILDREN UNDER 5

Name: _____

Date: 6/7/2021

Biochemistry Crossword Puzzle

Parashay Kulkarni



Across

1. Monomers
2. Polymers
3. Disaccharide
4. Directionality
5. Denaturation
6. Enzymes
7. Lipids
8. Steroids
9. Carbohydrates
10. Polymers
11. Enzymes
12. Disaccharide
13. Polymers
14. Enzymes
15. Carbohydrates
16. Polymers
17. Enzymes
18. Disaccharide
19. Polymers
20. Enzymes
21. Carbohydrates
22. Polymers
23. Enzymes
24. Disaccharide
25. Polymers
26. Enzymes

Down

1. "Fruit Sugars"
2. The Type of Acids Found in Fat
4. Their Primary Function is to Provide Energy
5. Fats That Come From Animals Contain 1
6. Takes the Longest to Break Down
7. 2 Sugar Groups Bonded Together
8. Important For Cell Membranes
10. A Ring Of Fatty Acid
12. A Disaccharide Commonly Known as Table Salt
13. A Bond Between Amino Acids
15. Taking Away H₂O
16. Also Known As Fiber...
17. Fats Found in Plants Are...
18. A Type of Protein that Speeds Up Reactions
21. Building Blocks of Macromolecules
25. The Most Important Steroid For the Body
26. Most Common Simple Sugar



Anatomical Positions and Directions

6/7/2021

Shiv kawle

PROXIMAL
DISTAL
ANTERIOR

MEDIAL
LATERAL
SUPERFICIAL
DEEP
LEFT
RIGHT
DIRECTION
POSITION
POSTERIOR
ANTERIOR



Across

2. describes 2 points on the same limb, closer to where it inserts
3. front of body (ventral)
5. any point further from the midline of the body
7. closer to the surface
9. further into the body cavities
10. left side of the person in anatomical position
12. standing upright, feet together, arms at sides, palms forward
STANDARD
13. back of body (dorsal)

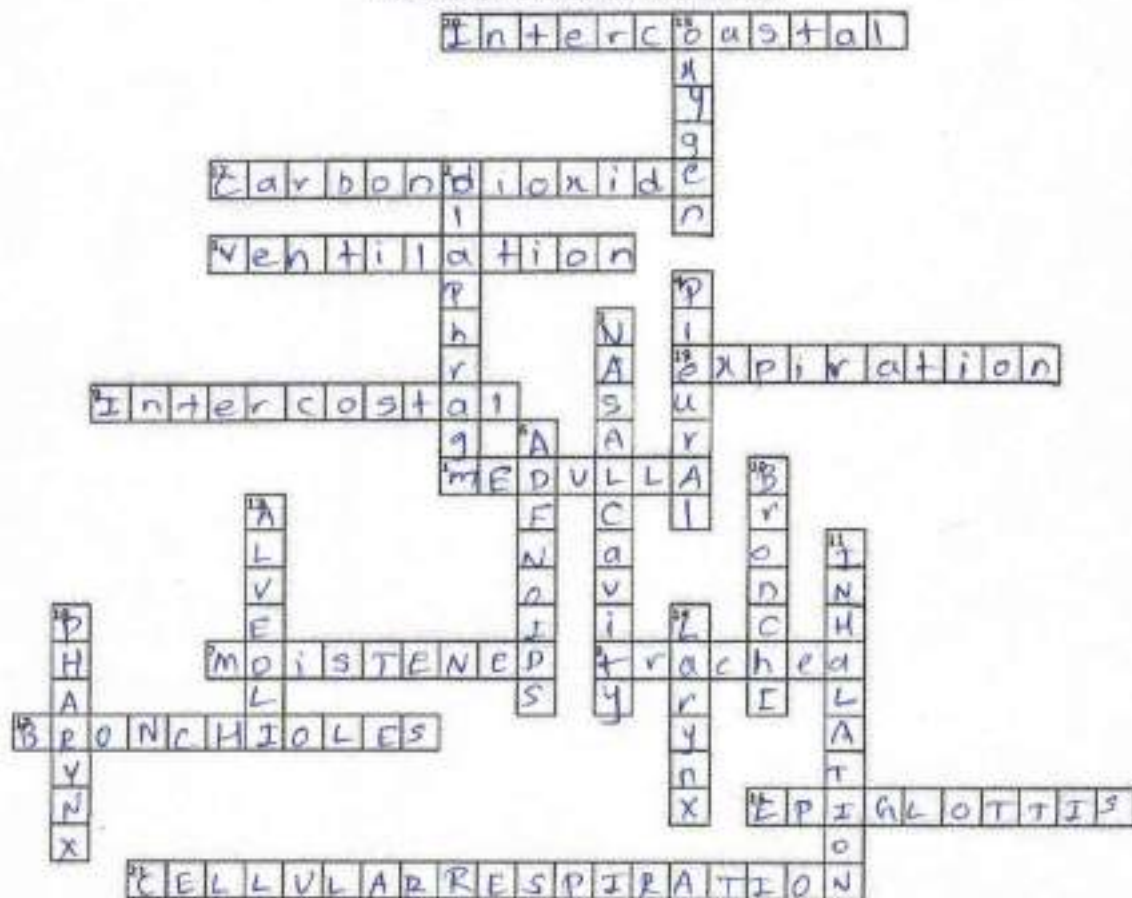
Down

1. right side of the person in anatomical position
4. any point closer to the midline of the body
6. above, or towards the head
8. below, or towards the feet
11. describe 2 points on the same limb, further away from where it inserts

6/7/2021

Name: Vaishnavi Dhakkaras**The Respiratory System**

Please complete the crossword puzzle below



alveoli intercostals bronchi intercostal bronchioles medulla pharynx larynx carbon dioxide epiglottis ventilation trachea
 inhalation expiration adenoids oxygen moistened cellular respiration nasal cavity diaphragm pleural

Across:

1. the part of the brain which controls the rate of respiration
5. the mechanics of breathing in and out
7. air entering the body is warmed, cleaned and _____
8. what brings air into lungs
9. muscle that raises the ribs
12. the gas which has the major influence on controlling the rate of respiration
16. what seals the opening into the respiratory tract during swallowing and prevents the passage of food into the lungs
17. numerous small tubes that branch from each bronchus into the lungs
19. the ribs and diaphragm return to their former relaxed position in _____
20. muscle that raises the ribs
21. process in which the energy in glucose is released

Down:

2. a sheet of muscle which separates the thoracic and abdominal cavities
3. air passes through the _____
4. thin membrane that cover the lungs, separate them from other organs and form a fluid-filled chest cavity
6. the pharynx contains tonsils and _____
10. tubes that branch off from the trachea into the lungs
11. the ribs move upwards and outwards during _____
13. tiny sacs where gases are exchanged
14. the part where the vocal cords are found
15. the body uses _____ to release energy from food
18. tube which connects the nasal and oral cavities with the trachea



A.C.P.M MEDICAL COLLEGE DHULE

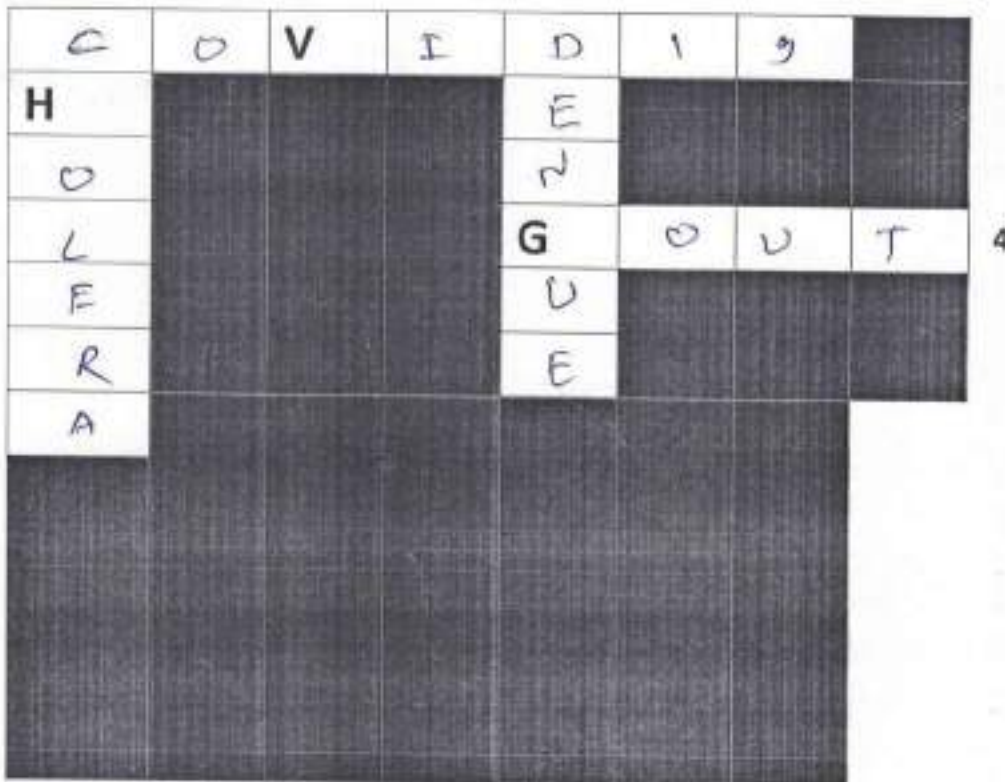
DEPARTMENT OF MEDICINE

CROSS WORD GAME

- 1) DIARRHOEAL EPIDEMIC (vertical)
- 2) PANDEMIC IN 2019 (horizontal)
- 3) SPREAD BY AEDES EGYPTI (horizontal)
- 4) TYPE OF ARTHRITIS (vertical)

18/1/2019
Dipak Gaikwad

13



* dengue * cholera * gout * covid19



Professor & Head,
Department of General Medicine
A.C.P.M. Medical College, Dhule (M.S.)

**ACPM Medical College
Department of Medicine**

NOTICE

This is to inform all student of batch 2016-17 that dept. of Medicine ,
ACPMMC Dhule conducting flipped classroom plan.

Details are as follows:

Topic	Neurolept Malignant Syndrome
Time	11am-1pm
Date	12/4/2020
Venue	Lecture hall 2
Batch	2016

Classroom will be conducted by:

1) Dr.Puneet Patil

NOTE: 1)Attendance is compulsory to all students.

2) Question and answer will be followed by flipped classroom plan.



PROF And HOD

Dept. of Medicine

ACPMM CollegeDhule

Professor & Head,
Department of General Medicine
A.C.P.M. Medical College, Dhule (M.S.)

Bone Marrow Aspiration and Biopsy.

Presentor –Bhargavi Gawhankar
Roll no- 29.



INTRODUCTION

Bone marrow aspiration is the process of removing the liquid part of the bone marrow by suction through a needle to diagnose and follow the progress of various conditions like anemia, cancer and also, for bone marrow transplant.

Bone marrow biopsy takes out a larger piece of solid bone marrow by coring out the sample with a saw (or trephine) that cuts a small amount of bone tissue as well with it. This provides a more complete examination of the bone marrow.

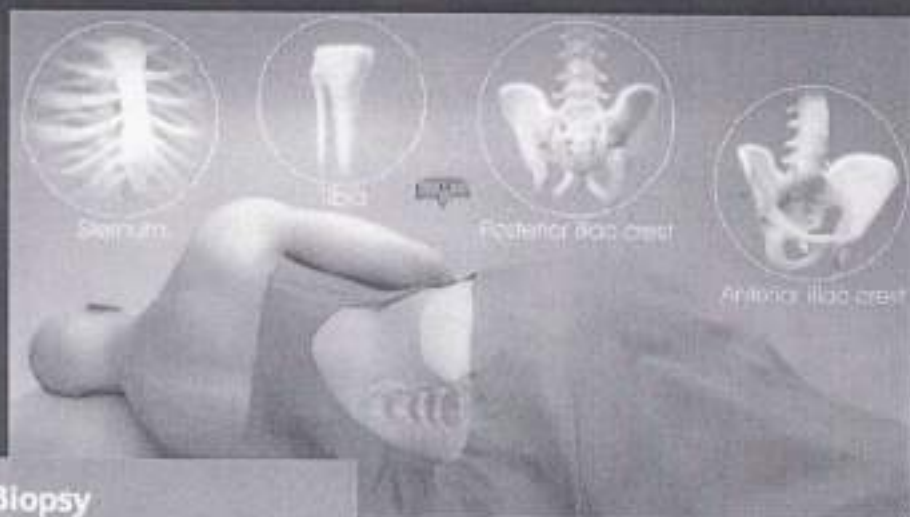


INDICATIONS.

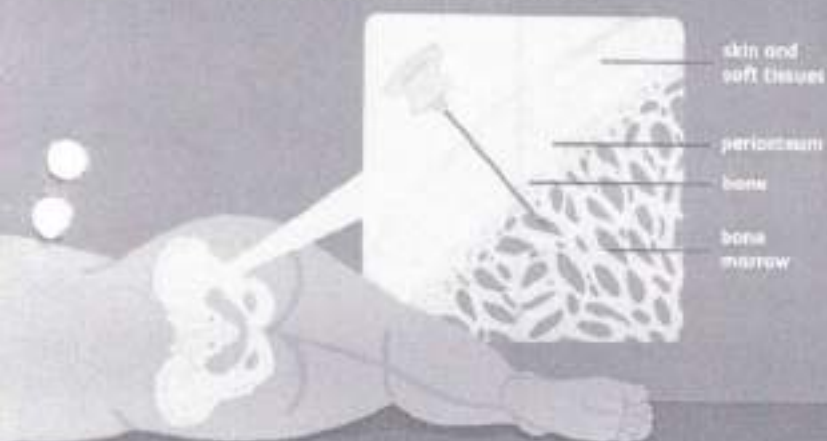
1. Anemia– Microcytic, macrocytic, normocytic, aplastic.
2. Non hodgkin's lymphoma, Hodgkin's lymphoma and metastatic carcinoma
3. Stromal changes like fibrosis, necrosis, gelatinous marrow transformation.
4. Hypoplastic myeloplastic syndrome
5. Hypoplastic leukemia
6. Hairy cell leukemia
7. Multiple myeloma
8. Pyrexia
9. Amyloidosis
10. Metabolic bone disorders
11. Paraproteinemia.
12. Iron assessment.



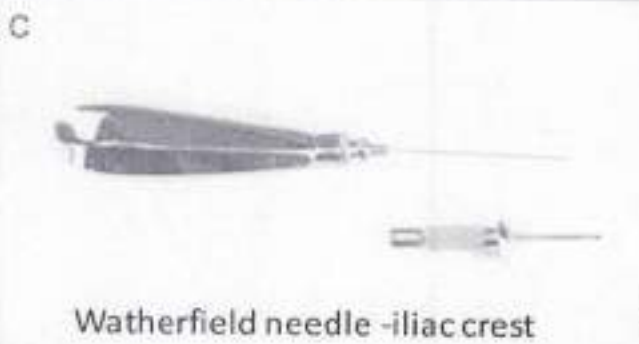
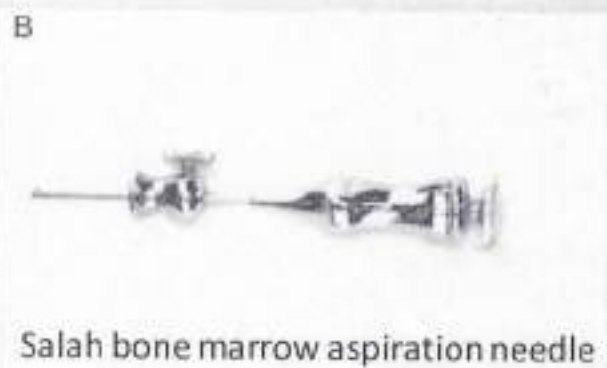
SITES



Bone Marrow Biopsy



INSTRUMENTS



Aspiration VS Biopsy

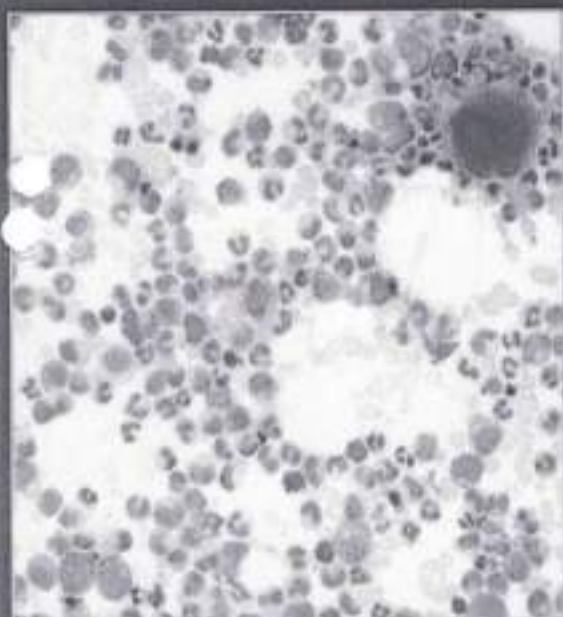
- Aspiration gives better cytological details.
- Ideal for cytogenetics and molecular genetics.
- Dry tap in fibrosis.
- Less painful.
- Helpful in Iron deficiency anemia, megaloblastic anemia and acute leukemia.
- Biopsy gives better topographical details, cellularity and infiltration.
- Can be used for both.
- Essential for diagnosis in dry tap.
- More painful
- Helpful for Aplastic anemia, lymphoma, metastatic carcinoma and neoplasms.



Report Interpretation.

1. Determine cellularity - identify megakaryocytes, their morphology and maturation stages and abnormalities.
2. Determine myloid : erythroid ratio.
3. Perform differential count for categories erythroid, myloid, lymphoid, plasma cell and others noting their morphological abnormalities.
4. Look for clumps of abnormal cells.
5. Identify macrophages.
6. Look for areas of bone marrow necrosis.
7. Assess the iron content.





Myeloid hyperplasia with complete granulocytic maturation to segmented neutrophils.

Proerythroblast or pronormoblast

Basophilic erythroblast or Early Normoblast

Polychromatophilic (or intermediate) Erythroblast or Normoblast

Dividing Polychromatophilic Erythroblast or Normoblast



Reticulocyte (brilliant crescent blue dye) +

Reticulocyte

Orthochromatic erythroblast Extruding Nucleus

Orthochromatic (Acidophilic) erythroblast Or Late Erythroblast



STAGES OF RBC MATURATION.



RINGED SIDEROBLAST



Normocellular Marrow



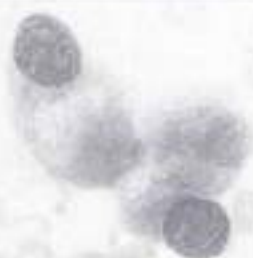
Hypocellular MDS



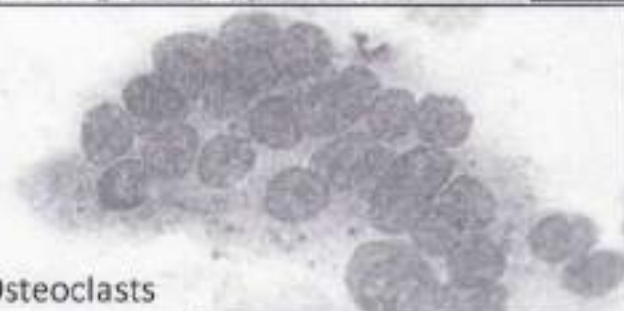
Hypercellular MDS



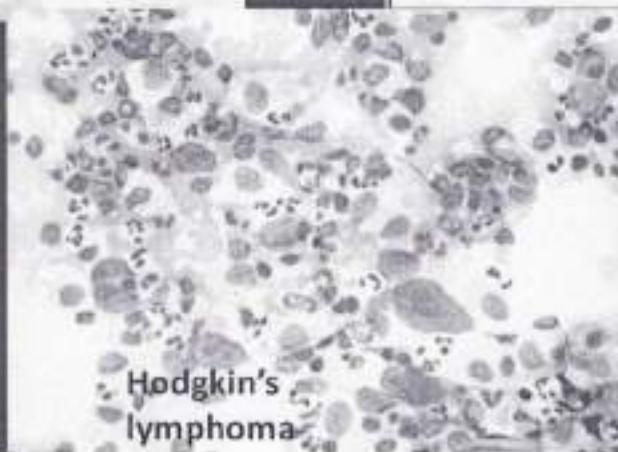
Osteoblasts

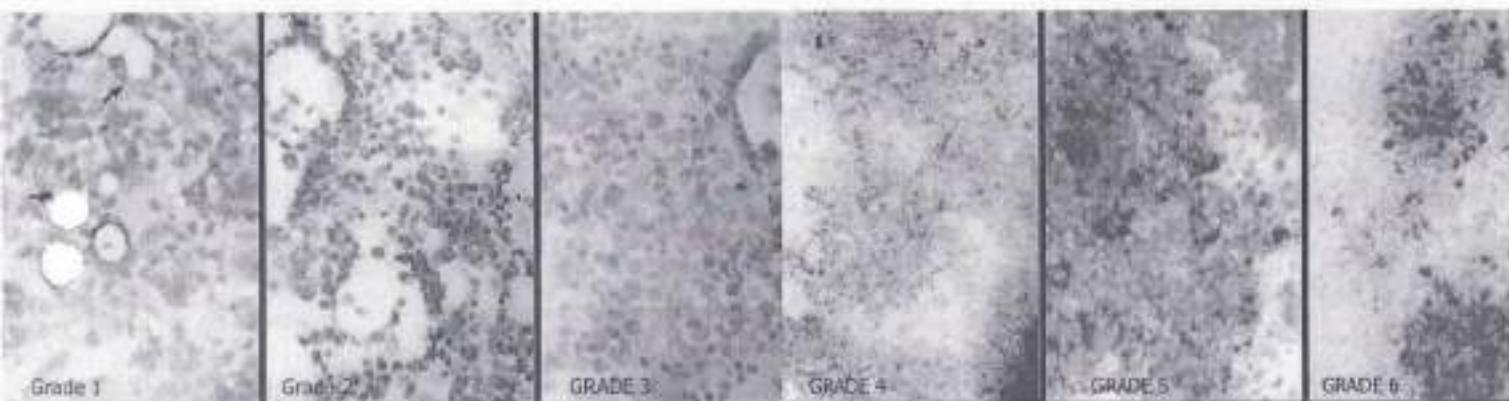


Osteoclasts



Hodgkin's lymphoma





Grading for iron on bone marrow aspirate:

- 1+ Small iron particles just visible in reticulum cells using an oil objective
- 2+ Small, sparse iron particles in reticulum cells, visible at lower power
- 3+ Numerous small particles in reticulum cells

Iron grading

- 4+ Larger particles with a tendency to aggregate into clumps
- 5+ Dense, large clumps
- 6+ Very large clumps and extracellular iron

- Osteocytes:
Seen in bony lacunae.
- Osteoblasts:
Seen lining the trabeculae.
- Osteoclasts:
Seen in howship's lacunae



THANK YOU



Hamilton Anxiety Rating Scale (HAM-A)

Reference: Hamilton M. The assessment of anxiety states by rating. *Br J Med Psychol* 1959; 32:50–55.

Rating Clinician-rated

Administration time 10–15 minutes

Main purpose To assess the severity of symptoms of anxiety

Population Adults, adolescents and children

Commentary

The HAM-A was one of the first rating scales developed to measure the severity of anxiety symptoms, and is still widely used today in both clinical and research settings. The scale consists of 14 items, each defined by a series of symptoms, and measures both psychic anxiety (mental agitation and psychological distress) and somatic anxiety (physical complaints related to anxiety). Although the HAM-A remains widely used as an outcome measure in clinical trials, it has been criticized for its sometimes poor ability to discriminate between anxiolytic and antidepressant effects, and somatic anxiety versus somatic side effects. The HAM-A does not provide any standardized probe questions. Despite this, the reported levels of inter-rater reliability for the scale appear to be acceptable.

Scoring

Each item is scored on a scale of 0 (not present) to 4 (severe), with a total score range of 0–56, where <17 indicates mild severity, 18–24 mild to moderate severity and 25–30 moderate to severe.

Versions

The scale has been translated into: Cantonese for China, French and Spanish. An IVR version of the scale is available from Healthcare Technology Systems.

Additional references

Maier W, Buller R, Philipp M, Heuser I. The Hamilton Anxiety Scale: reliability, validity and sensitivity to change in anxiety and depressive disorders. *J Affect Disord* 1988;14(1):61–8.

Borkovec T and Costello E. Efficacy of applied relaxation and cognitive behavioral therapy in the treatment of generalized anxiety disorder. *J Clin Consult Psychol* 1993; 61(4):611–19

Address for correspondence

The HAM-A is in the public domain.



Hamilton Anxiety Rating Scale (HAM-A)

Below is a list of phrases that describe certain feeling that people have. Rate the patients by finding the answer which best describes the extent to which he/she has these conditions. Select one of the five responses for each of the fourteen questions.

0 = Not present, 1 = Mild, 2 = Moderate, 3 = Severe, 4 = Very severe.

- | | |
|---|--|
| <p>1 Anxious mood 0 1 2 3 4
 Worries, anticipation of the worst, fearful anticipation, irritability.</p> <p>2 Tension 0 1 2 3 4
 Feelings of tension, fatigability, startle response, moved to tears easily, trembling, feelings of restlessness, inability to relax.</p> <p>3 Fears 0 1 2 3 4
 Of dark, of strangers, of being left alone, of animals, of traffic, of crowds.</p> <p>4 Insomnia 0 1 2 3 4
 Difficulty in falling asleep, broken sleep, unsatisfying sleep and fatigue on waking, dreams, nightmares, night terrors.</p> <p>5 Intellectual 0 1 2 3 4
 Difficulty in concentration, poor memory.</p> <p>6 Depressed mood 0 1 2 3 4
 Loss of interest, lack of pleasure in hobbies, depression, early waking, diurnal swing.</p> <p>7 Somatic (muscular) 0 1 2 3 4
 Pains and aches, twitching, stiffness, myoclonic jerks, grinding of teeth, unsteady voice, increased muscular tone.</p> | <p>8 Somatic (sensory) 0 1 2 3 4
 Tinnitus, blurring of vision, hot and cold flushes, feelings of weakness, pricking sensation.</p> <p>9 Cardiovascular symptoms 0 1 2 3 4
 Tachycardia, palpitations, pain in chest, throbbing of vessels, fainting feelings, missing beat.</p> <p>10 Respiratory symptoms 0 1 2 3 4
 Pressure or constriction in chest, choking feelings, sighing, dyspnea.</p> <p>11 Gastrointestinal symptoms 0 1 2 3 4
 Difficulty in swallowing, wind abdominal pain, burning sensations, abdominal fullness, nausea, vomiting, borborygmi, looseness of bowels, loss of weight, constipation.</p> <p>12 Genitourinary symptoms 0 1 2 3 4
 Frequency of micturition, urgency of micturition, amenorrhea, menorrhagia, development of frigidity, premature ejaculation, loss of libido, impotence.</p> <p>13 Autonomic symptoms 0 1 2 3 4
 Dry mouth, flushing, pallor, tendency to sweat, giddiness, tension headache, raising of hair.</p> <p>14 Behavior at interview 0 1 2 3 4
 Fidgeting, restlessness or pacing, tremor of hands, furrowed brow, strained face, sighing or rapid respiration, facial pallor, swallowing, etc.</p> |
|---|--|



रुग्ण आरोग्य प्रश्नावली - 9 (PHQ-9)

मागील 2 आठवड्यांच्या काळात, आपल्याला खालील पैकी कोणत्याही समस्यांमुळे कितीवेळा वास झाला आहे ?
(आपले उत्तर '०' अशी सूच करून घ्या)

	अजिबात नाही	अनेक दिवस	अध्यात्मा अधिक दिवस	जवळपास प्रत्येक दिवशी
1. गोष्टी करण्यात थोडीशी रुचि किंवा आनंद	0	1	2	3
2. रुतूश, उडीगजस, किंवा निराश वाटणे	0	1	2	3
3. झोप लागण्यात किंवा झोपलेले राहण्यात समस्या, किंवा खूप झोप येणे	0	1	2	3
4. थकलेले किंवा थोडी ऊर्जा असल्याचे वाटले	0	1	2	3
5. शूक मंदावणे किंवा अति लागणे	0	1	2	3
6. स्वतः-बदल वाईट वाटणे — किंवा आपण अपयशी आहोत किंवा आपण स्वतःचा किंवा आपल्या कुटुंबाचा अपेक्षामग केला आहे असे वाटणे	0	1	2	3
7. वर्तमानपत्र वाचणे किंवा टेलिव्हिजन पाहणे यासारख्या गोष्टींवर लक्ष पकड करण्यास वास होणे	0	1	2	3
8. हालचाल किंवा बोलणे इतके संथ होते की इतर लोकांच्या लक्षात येणे? किंवा याच्या उलट — इतके चिंताग्रस्त किंवा अस्वस्थ होणे की आपण सामान्यपेक्षा बरेच अधिक डकडें-तिकडें फिरत आहात	0	1	2	3
9. आपण मेलो असतं तर चांगले झाले असते किंवा स्वतःला काही प्रकाराने जखमी करून घेण्याचे विचार	0	1	2	3

FOR OFFICE CODING: 0 + + +
=Total Score: _____

आपण कोणत्याही समस्येवर खून केले असेल तर, आपले काम करणे, घरी वस्तुंची काळजी घेणे, किंवा इतर लोकांसोबत वावरणे यामध्ये या समस्यांनी आपल्याला किती अवघड झाले ?

अजिबात अवघड
झाले नाही
☐

थोडेफार
अवघड
☐

खूप
अवघड
☐

अत्यंत
अवघड
☐



PATIENT HEALTH QUESTIONNAIRE (PHQ-9)

ID #: _____ DATE: _____

Over the last 2 weeks, how often have you been bothered by any of the following problems?
(use "✓" to indicate your answer)

	Not at all	Several days	More than half the days	Nearly every day
1. Little interest or pleasure in doing things	0	1	2	3
2. Feeling down, depressed, or hopeless	0	1	2	3
3. Trouble falling or staying asleep, or sleeping too much	0	1	2	3
4. Feeling tired or having little energy	0	1	2	3
5. Poor appetite or overeating	0	1	2	3
6. Feeling bad about yourself—or that you are a failure or have let yourself or your family down	0	1	2	3
7. Trouble concentrating on things, such as reading the newspaper or watching television	0	1	2	3
8. Moving or speaking so slowly that other people could have noticed. Or the opposite—being so fidgety or restless that you have been moving around a lot more than usual	0	1	2	3
9. Thoughts that you would be better off dead, or of hurting yourself	0	1	2	3

add columns

+

+

(Healthcare professional: For interpretation of TOTAL, TOTAL: _____
please refer to accompanying scoring card)

10. If you checked off any problems, how difficult have these problems made it for you to do your work, take care of things at home, or get along with other people?



Not difficult at all _____
Somewhat difficult _____
Very difficult _____
Extremely difficult _____

PHQ-9 Patient Depression Questionnaire

For initial diagnosis:

1. Patient completes PHQ-9 Quick Depression Assessment.
2. If there are at least 4 ✓s in the shaded section (including Questions #1 and #2), consider a depressive disorder. Add score to determine severity.

Consider Major Depressive Disorder

- if there are at least 5 ✓s in the shaded section (one of which corresponds to Question #1 or #2)

Consider Other Depressive Disorder

- if there are 2-4 ✓s in the shaded section (one of which corresponds to Question #1 or #2)

Note: Since the questionnaire relies on patient self-report, all responses should be verified by the clinician, and a definitive diagnosis is made on clinical grounds taking into account how well the patient understood the questionnaire, as well as other relevant information from the patient.

Diagnoses of Major Depressive Disorder or Other Depressive Disorder also require impairment of social, occupational, or other important areas of functioning (Question #10) and ruling out normal bereavement, a history of a Manic Episode (Bipolar Disorder), and a physical disorder, medication, or other drug as the biological cause of the depressive symptoms.

To monitor severity over time for newly diagnosed patients or patients in current treatment for depression:

1. Patients may complete questionnaires at baseline and at regular intervals (eg, every 2 weeks) at home and bring them in at their next appointment for scoring or they may complete the questionnaire during each scheduled appointment.
2. Add up ✓s by column. For every ✓: Several days = 1 More than half the days = 2 Nearly every day = 3
3. Add together column scores to get a TOTAL score.
4. Refer to the accompanying **PHQ-9 Scoring Box** to interpret the TOTAL score.
5. Results may be included in patient files to assist you in setting up a treatment goal, determining degree of response, as well as guiding treatment intervention.

Scoring: add up all checked boxes on PHQ-9

For every ✓ Not at all = 0; Several days = 1;
More than half the days = 2; Nearly every day = 3

Interpretation of Total Score

Total Score	Depression Severity
1-4	Minimal depression
5-9	Mild depression
10-14	Moderate depression
15-19	Moderately severe depression
20-27	Severe depression

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A2662B 10-04-2005



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e- learning resources used by students

Year	Name of service with membership/registration	Full text access		Validity period	Whether remote access		Web link of remote access
		Yes	No		Yes	No	
2020-21	MUHS open source digital library	Yes	...	2020 onwards	Yes	...	https://www.muhs.ac.in/dl_main.aspx
2020-21	e-Shodhsindhu	Yes	...	29.04.2021 onwards	Yes	...	https://ess.in/libnet.ac.in/
2020-21	SWAYAM	Yes	...	18.04.2021 onwards	Yes	...	https://nptel.ac.in/LocalChapter/
2020-21	Discipline-specific databases PUBMED	Yes	...	19.04.2021 onwards	Yes	...	https://www.ncbi.nlm.nih.gov/myncbi/
2020-21	DV1. Medical online Database	Yes	...	19.04.2021 onwards	Yes	...	https://www.medscape.com/viewarticle/451577_3
2020-21	Indian Journal of Microbiology	Yes	...	19.04.2021 onwards	Yes	...	https://scholar.google.co.in/scholar?as_slo=2021&q=indian+journal+of+microbiology&hl=en&as_sdi=0.5&as_vis=1
2020-21	Indian Journal of Physical Medicine & Rehabilitation	Yes	...	19.04.2021 onwards	Yes	...	https://www.ijopmr.com/journalDetails/IJOPMR
2015-16	The Journal of Reproductive Medicine	Yes	...	02.08.2016 onwards	Yes	...	https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4971550/
2015-16	Chest	Yes	...	27.07.2016 onwards	Yes	...	https://journal.chestnet.org/issues#decade=10i_decade_201




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e- journals and e- books available at central library for students

S.N.	SUBJECT	NAME OF JOURNAL	Year	Publication	INDIAN FOREIGN	WEB LINK OF REMOTE ACCESS
1	Dermatology	Dermatology Online Journal	2021	DOI	Indian	https://escholarship.org/uc/item/9w82x2z1
2	Medicine	AACE Clinical Case Report	2021	Elsevier	FOREIGN	https://www.journals.elsevier.com/aace-clinical-case-reports?dgcid=STMJ_1615988260_STMJIN_QTR&utm_source=WEB&utm_medium=BAH
3	Pharmacology	Acta Pharmaceutica Sinica B	2021	Elsevier	FOREIGN	https://www.sciencedirect.com/journal/acta-pharmaceutica-sinica-b/vol/11/issue/1
4	Dermatology	Journal of med-sur dermatology & venereo	2021	Elsevier	FOREIGN	https://www.sciencedirect.com/journal/actas-dermo-sifiliograficas/vol/112/issue/5
5	Pathology	Blood	2021	Elsevier	FOREIGN	https://www.sciencedirect.com/journal/blood/vol/137/issue/19
6	Dermatology	Annales de Dermat et Vénéréologie - FMC	2021	Elsevier	FOREIGN	https://www.sciencedirect.com/journal/annaes-de-dermatologie-et-de-venereologie-fmc/vol/1/issue/5
7	Anesthesia	British Journal of Anaesthesia	2021	Elsevier	FOREIGN	https://bjanaesthesia.org/current
8	Pediatrics	Paediatrics and Child Health	2021	Elsevier	FOREIGN	https://www.sciencedirect.com/journal/paediatrics-and-child-health
9	Surgery	Eur Jour of Vascular & Endovasc Surgery	2021	Elsevier	FOREIGN	https://www.ejves.com/current
10	Microbiology	Indian Jour of Medical Microbiology	2021	Elsevier	Indian	https://www.sciencedirect.com/journal/indian-journal-of-medical-microbiology
11	FMT	Current Research in Toxicology	2021	Elsevier	FOREIGN	https://www.sciencedirect.com/journal/current-research-in-toxicology/vol/1/issue/1
12	Emergency Medicine	African Jour of Emergency Medicine	2021	Elsevier	FOREIGN	https://www.sciencedirect.com/journal/african-journal-of-emergency-medicine/vol/11/issue/1
13	Pathology	American Journal of Clinical Pathology	2021	ACA	FOREIGN	https://ajcp.amjpathol.org/
14	Pathology	Archives of Pathology & Laboratory Medicine	2021	Allen Press	FOREIGN	https://meridian.allenpress.com/aplm/issue/145/1
15	E.N.T	Annals of Otology, Rhinology & Laryngology	2021	Sage pub	FOREIGN	https://journals.sagepub.com/loc/iora/current
16	Orthopaedics	European Spine Journal	2021	Springer	FOREIGN	https://link.springer.com/journal/586/volumes-and-issues
17	Medicine	European Respiratory Journal	2021	Erj	FOREIGN	https://erj.ersjournals.com/content/57/5?current-issue-y
18	Radiology	British Journal of Radiology	2021	Rsn	FOREIGN	https://www.birpublications.org/journal/bjr
19	Pathology	Indian Journal of Hemat & Blood Transfusion	2021	Springer	Indian	https://www.springer.com/journal/12288
20	E.N.T	Indian Jour of Otolaryngology - Head & Neck Surgery	2021	Springer	Indian	https://www.springer.com/journal/12070
21	Ophthalmology	Journal of Current Glaucoma Practice	2021	Jocgp	FOREIGN	https://www.jocgp.com/journalDetails/JOCGP
22	Orthopaedics	Indian Journal of Orthopedics	2021	Isafog	Indian	https://www.springer.com/journal/43465
23	Orthopaedics	Journal of Foot & Ankle Surgery	2021	Springer	FOREIGN	https://www.jfasap.com/journalDetails/JFASAP
24	Anesthesia	Indian Journal of Anesthesia & Analgesia	2021	Rfppl	Indian	https://rfppl.co.in/about_journal.php?id=24
25	Surgery	Indian Journal of Surgery	2021	Springer	Indian	https://www.springer.com/journal/12262
26	Biochemistry	Indian Journal of Clinical Biochemistry	2021	Springer	Indian	https://www.springer.com/journal/12291

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27	E.N.T	Annals of Otolaryngology & Laryngology	2021	Sage pub	Indian	https://journals.sagepub.com/home/aot
28	Orthopaedics	The Bone & Joint Journal	2021	BJJ	Indian	https://online.boneandjoint.org.uk/loi/bjj
29	Medicine	Chest Journal	2021	Elsevier	FOREIGN	https://www.journals.elsevier.com/chest
30	Surgery	Journal of Medical Mycology	2021	Elsevier	FOREIGN	https://www.sciencedirect.com/science/article/abs/pii/S1156523321000263
31	Pharmacology	Asian Journal of Pharmaceutical Sciences	2021	Elsevier	FOREIGN	https://www.sciencedirect.com/journal/asian-journal-of-pharmaceutical-sciences/vol/16/issue/1
32	Surgery	Asian Journal of Surgery	2021	Elsevier	FOREIGN	https://www.sciencedirect.com/journal/asian-journal-of-surgery
33	RADIOLOGY	Advances in Radiation Oncology	2021	Elsevier	FOREIGN	https://www.advancesradonc.org/issue/S2452-1094(21)X0002-4
34	Medicine	American Journal of Medicine Open	2021	Elsevier	FOREIGN	https://www.journals.elsevier.com/american-journal-of-medicine-open/
35	Ophthalmology	American Journal of Ophthalmology Case Reports	2021	Elsevier	FOREIGN	https://www.sciencedirect.com/journal/american-journal-of-ophthalmology-case-reports/vol/22/suppl/C
36	Medicine	American Journal of Preventive Cardiology	2021	Elsevier	FOREIGN	https://www.sciencedirect.com/journal/american-journal-of-preventive-cardiology/vol/6/suppl/C
37	Dermatology	Anais Brasileiros de Dermatologia	2021	Elsevier	FOREIGN	https://www.journals.elsevier.com/anais-brasileiros-de-dermatologia/
38	Pediatrics	Anales de Pediatría (English Edition)	2021	Elsevier	FOREIGN	https://www.aeped.es/anales-pediatria
39	Medicine	Annals of Medicine and Surgery	2021	Elsevier	FOREIGN	https://www.sciencedirect.com/journal/annals-of-medicine-and-surgery
40	Orthopaedics	Arthroplasty Today	2021	Elsevier	FOREIGN	https://www.journals.elsevier.com/arthroplasty-today/
41	Orthopaedics	Arthroscopy, Sports Medicine, and Rehabilitation	2021	Elsevier	FOREIGN	https://arthroscopysportsmedicineandrehabilitation.org/
42	Orthopaedics	Arthroscopy Techniques	2021	Elsevier	FOREIGN	https://www.sciencedirect.com/journal/arthroscopy-techniques
43	Pharmacology	Asian Journal of Pharmaceutical Sciences	2021	Elsevier	FOREIGN	https://www.sciencedirect.com/journal/asian-journal-of-pharmaceutical-sciences
44	Urology	Asian Journal of Urology	2021	Elsevier	FOREIGN	https://www.sciencedirect.com/journal/asian-journal-of-urology
45	Nursing	Asian Nursing Research	2021	Elsevier	FOREIGN	https://www.sciencedirect.com/journal/asian-nursing-research
46	Biochemistry	Biochemistry and Biophysics Reports	2021	Elsevier	FOREIGN	https://www.sciencedirect.com/journal/biochemistry-and-biophysics-reports
47	E.N.T	Brazilian Journal of Otorhinolaryngology	2021	Elsevier	FOREIGN	https://www.sciencedirect.com/journal/brazilian-journal-of-otorhinolaryngology
48	Surgery	Burns Open	2021	Elsevier	FOREIGN	https://www.sciencedirect.com/journal/burns-open
49	Surgery	Cancer Treatment and Research Communications	2021	Elsevier	FOREIGN	https://www.sciencedirect.com/journal/cancer-treatment-and-research-communications
50	Medicine	Canadian Journal of Cardiology	2021	Elsevier	FOREIGN	https://www.onlinecjc.ca/
51	Medicine	Canadian Cardiovascular Society	2021	Elsevier	FOREIGN	https://ccs.ca/
52	Medicine	Brain and Spine	2021	Elsevier	FOREIGN	https://www.elsevier.com/journals/brain-and-spine/2772-5294/open-access-journal
53	Anesthesia	Brazilian Journal of Anesthesiology	2021	Elsevier	FOREIGN	https://www.sciencedirect.com/journal/brazilian-journal-of-anesthesiology-english-edition

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54	E.N.T	Brazilian Journal of Otorhinolaryngology	2021	Elsevier	FOREIGN	https://www.sciencedirect.com/journal/brazilian-journal-of-otorhinolaryngology
55	surgery	Burns Open	2021	Elsevier	FOREIGN	https://www.sciencedirect.com/journal/burns-open
56	Surgery	Cancer Treatment and Research Communications	2021	Elsevier	FOREIGN	https://www.sciencedirect.com/journal/cancer-treatment-and-research-communications
57	Microbiology	Current Research in Immunology	2021	Elsevier	FOREIGN	https://www.sciencedirect.com/journal/current-research-in-immunology
58	Physiology	Current Research in Physiology	2021	Elsevier	FOREIGN	https://www.sciencedirect.com/journal/current-research-in-physiology
59	FMT	Current Research in Toxicology	2021	Elsevier	FOREIGN	https://www.sciencedirect.com/journal/current-research-in-toxicology
60	Medicine	EBioMedicine	2021	Elsevier	FOREIGN	https://www.sciencedirect.com/journal/ebioMedicine
61	Medicine	EClinicalMedicine	2021	Elsevier	FOREIGN	https://www.thelancet.com/journals/eclinm/home
62	Surgery	European Journal of Cancer	2021	Elsevier	FOREIGN	https://www.sciencedirect.com/journal/european-journal-of-cancer-supplements
63	Obst & Gynecology	European Journal of Obstetrics & Gynecology and Reproductive Biology: X	2021	Elsevier	FOREIGN	https://www.sciencedirect.com/journal/european-journal-of-obstetrics-and-gynecology-and-reproductive-biology-x
64	Radiology	European Journal of Radiology Open	2021	Elsevier	FOREIGN	https://www.sciencedirect.com/journal/european-journal-of-radiology-open
65	Urology	European Urology Open Science	2021	Elsevier	FOREIGN	https://www.sciencedirect.com/journal/european-urology-open-science
66	Orthopaedics	Foot & Ankle Surgery: Techniques, Reports & Cases	2021	Elsevier	FOREIGN	https://www.elsevier.com/journals/foot-&ankle-surgery-techniques-reports-&-cases/20/2567-3967/open-access-journal
67	FMT	Forensic Science International: Digital Investigation	2021	Elsevier	FOREIGN	https://www.sciencedirect.com/journal/forensic-science-international-digital-investigation/
68	FMT	Forensic Science International: Reports	2021	Elsevier	FOREIGN	https://www.sciencedirect.com/journal/forensic-science-international-reports
69	PSM	Global Epidemiology	2021	Elsevier	FOREIGN	https://www.sciencedirect.com/journal/global-epidemiology
70	Pediatrics	Global Pediatrics	2021	Elsevier	FOREIGN	https://www.journals.elsevier.com/global-pediatrics/
71	Pathology	Hematology, Transfusion and Cell Therapy	2021	Elsevier	FOREIGN	https://www.sciencedirect.com/journal/hematology-transfusion-and-cell-therapy
72	Microbiology	Human Microbiome Journal	2021	Elsevier	FOREIGN	https://www.sciencedirect.com/journal/human-microbiome-journal
73	Microbiology	The Journal of Microbiological Methods	2021	Elsevier	FOREIGN	https://www.sciencedirect.com/journal/journal-of-microbiological-methods
74	Pathology	Human Pathology: Case Reports	2021	Elsevier	FOREIGN	https://www.journals.elsevier.com/human-pathology-case-reports/
75	Medicine	IHJ Cardiovascular Case Reports	2021	Elsevier	FOREIGN	https://www.sciencedirect.com/journal/ihj-cardiovascular-case-reports-cvcr
76	Medicine	Indian Heart Journal	2021	Elsevier	Indian	https://www.sciencedirect.com/journal/indian-heart-journal
77	Medicine	Infectious Medicine	2021	Elsevier	FOREIGN	https://www.elsevier.com/journals/infectious-diseases/2772-431X/open-access-journal
78	Medicine	Integrative Medicine Research	2021	Elsevier	FOREIGN	https://www.sciencedirect.com/journal/integrative-medicine-research

79	Physiology	Indian Pacing and Electrophysiology Journal	2021	Elsevier	FOREIGN	https://www.sciencedirect.com/journal/indian-pacing-and-electrophysiology-journal
80	Medicine	Infection Prevention in Practice	2021	Elsevier	FOREIGN	https://www.sciencedirect.com/journal/infection-prevention-in-practice/vol/3/issue/3
81	Medicine	Infectious Medicine	2021	Elsevier	FOREIGN	https://www.sciencedirect.com/journal/informatics-in-medicine-unlocked
82	Medicine	Intelligence-Based Medicine	2021	Elsevier	FOREIGN	https://www.sciencedirect.com/journal/intelligence-based-medicine
83	Surgery	Interdisciplinary Neurosurgery	2021	Elsevier	FOREIGN	https://www.sciencedirect.com/journal/interdisciplinary-neurosurgery
84	Dental	International Dental Journal	2021	Elsevier	FOREIGN	https://www.sciencedirect.com/journal/international-dental-journal
85	Microbiology	International Journal for Parasitology: Drugs and Drug Resistance	2021	Elsevier	FOREIGN	https://www.sciencedirect.com/journal/international-journal-for-parasitology-drugs-and-drug-resistance
86	Microbiology	International Journal for Parasitology: Parasites and Wildlife	2021	Elsevier	FOREIGN	https://www.sciencedirect.com/journal/international-journal-for-parasitology-parasites-and-wildlife
87	Microbiology	International Journal of Africa Nursing Sciences	2021	Elsevier	FOREIGN	https://www.sciencedirect.com/journal/international-journal-of-africa-nursing-sciences
88	Medicine	International Journal of Cardiology: Cardiovascular Risk & Prevention	2021	Elsevier	FOREIGN	https://www.elsevier.com/journals/international-journal-of-cardiology-cardiovascular-risk-and-prevention/2772-4875/open-access-journal
89	Medicine	International Journal of Cardiology: Congenital Heart Disease	2021	Elsevier	FOREIGN	https://www.sciencedirect.com/journal/international-journal-of-cardiology-congenital-heart-disease
90	Medicine	International Journal of Cardiology: Hypertension	2021	Elsevier	FOREIGN	https://www.sciencedirect.com/journal/international-journal-of-cardiology-hypertension
91	Medicine	International Journal of Infectious Diseases	2021	Elsevier	FOREIGN	https://www.journals.elsevier.com/international-journal-of-infectious-diseases/
92	Microbiology	International Journal of Medical Microbiology	2021	Elsevier	FOREIGN	https://www.sciencedirect.com/journal/international-journal-of-medical-microbiology
93	Nursing	International Journal of Nursing Sciences	2021	Elsevier	FOREIGN	https://www.sciencedirect.com/journal/international-journal-of-nursing-sciences




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