



Welcome

THOA Conference - 2025

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➡ START!

Medical Terminology is **Alive** and Well!

- Activities
- Labs
- Scenarios
- Drills
- Research





Medical Term Scenario

In this scenario, you will learn medical word parts and terms related to basic anatomy and physiology.

Norah Le, a 16 y/o Asian female, comes to the ER c c/o pain in the RLQ of the abdominal area. The nurse places her in lateral position until the doctor comes in, @ which time pt. is placed in a supine position. Upon PE, while palpating in the Rt iliac region, the pain becomes more intense. Dr. Jutte orders a STAT CBC, UA, HCG, and ultrasound of the abdomen to r/o appendicitis.

For each highlighted medical term or abbreviation, search through your resource to find the meaning.



Ponder This

Ponder This

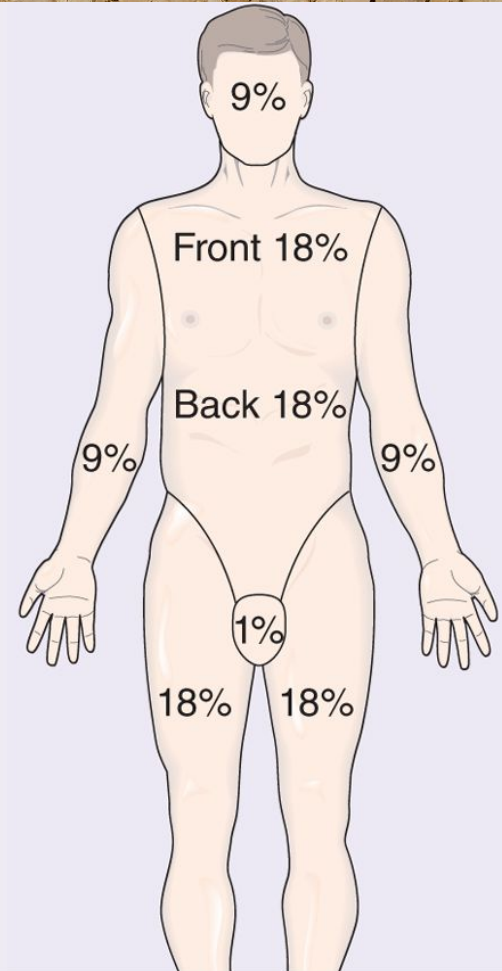
hosa EVENT PREP



Rule of Nine

When patients have burns, clinicians do not just look at the severity of the burn. They also look at the area and percentage of the body affected by the burn. When a large region of the body has been burned, clinicians use the “rule of nine” to estimate the extent of burned tissue. According to the “rule of nine,” the percentage of total body surface area covered by burns is as follows:

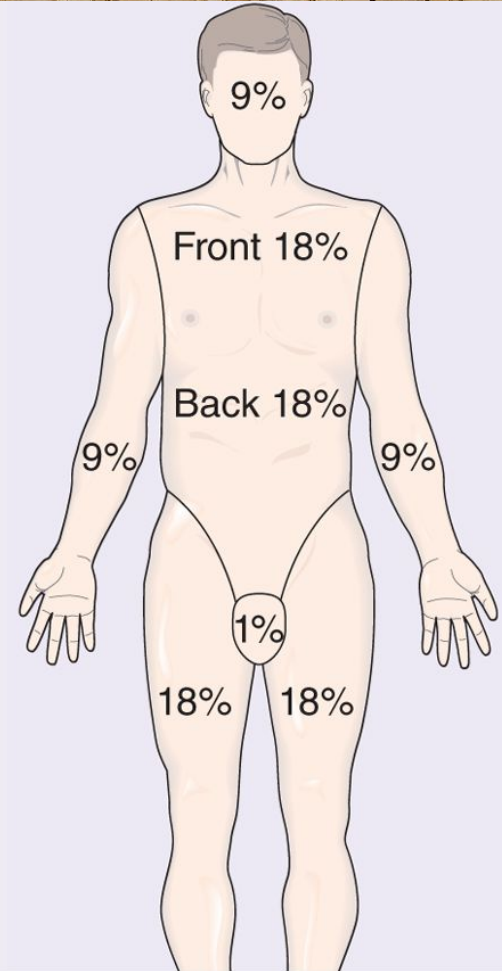
- Nine percent for both the anterior and posterior of the head and neck
- Eighteen percent for the anterior and 18 percent for the posterior of the torso
- Nine percent for both the anterior and posterior of each arm
- Eighteen percent for both the anterior and posterior of each leg
- One percent for the genital region



Ponder This

#1. A pt. Arrives in the ER with burns on his LLQ of his abdomen and genital area due to a spilling boiling water while cooking. Base on this information and according to the rules of nine, what percentage of skin surface is burned in this patient?

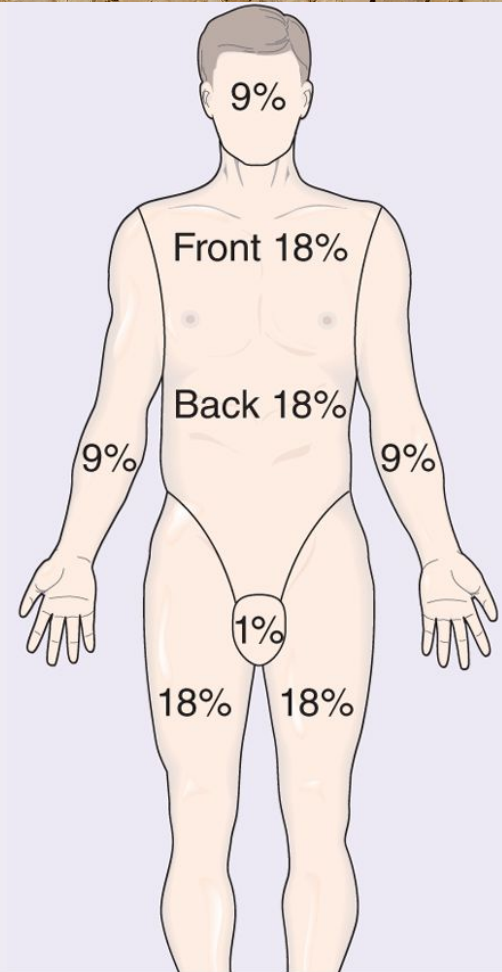
- A. 10%
- B. 9%
- C. 7.25%
- D. 5.5%



Ponder This

#1. A pt. Arrives in the ER with burns on his LLQ of his abdomen and genital area due to a spilling boiling water while cooking. Base on this information and according to the rules of nine, what percentage of skin surface is burned in this patient?

- A. 10%
- B. 9%
- C. 7.25%
- D. 5.5%
- 4.5% for LLQ and 1% for genital area.



Inquiring Minds



Inquiring Minds

Neuro Vital Signs

For many patients who have experienced surgery, trauma, or major illness (such as a stroke), healthcare professionals will perform quick assessments to look for changes in the patient. One common set of quick assessments is called *neuro vital signs (NVS)*. Basic NVS test the function of brain activity to parts of the body.

Directions: With a partner, practice performing the following NVS and record your results. You will need a flashlight to perform the examination on the eyes.

1. **Level of consciousness:** Ask the patient simple questions to assess level of consciousness. Examples of simple questions include "What is your name?"; "Where are you?" and "Who is the president?" Choose the most accurate result. Two other levels of consciousness exist beneath obtund. These are *stupor*, in which the patient only responds to painful stimuli, and *coma*, in which response to stimuli is absent.
 - A. Fully conscious—awake, aware, and oriented
 - B. Lethargic—responds slowly to verbal stimuli
 - C. Obtund—very drowsy, responds to touch
2. **Hand grip:** Have the patient grasp two of your fingers on both hands at the same time. Choose the most accurate result:
 - A. Grip was equal and strong
 - B. Right hand weakness
 - C. Left hand weakness

3. **Pupils:** In a darkened room, turn on a flashlight. Come from the side of the patient's face and shine light onto one eye. Both eyes should react and become smaller at the same time and to the same degree. Choose the most accurate result:
 - A. Equal and reactive
 - B. Sluggish
 - C. Fixed (the pupils of the eyes do *not* change when light shines onto the eye)
4. **Speech:** Ask the patient for information, such as day of the week, date, or year. Ask the patient to repeat a simple but unusual sentence, such as "Sally went to town for fish." Choose the most accurate result:
 - A. Clear
 - B. Slurred
 - C. Rambling
 - D. Aphasic (no speech)
5. **Movement:** Instruct the patient to move the right arm, left arm, right leg, and left leg. Choose the most accurate result:
 - A. All four extremities
 - B. Arms only
 - C. Right arm only
 - D. Left arm only
 - E. Right leg only
 - F. Left leg only
 - G. No movement

Table of Contents

➡ LOC

➡ Hand Grip

➡ Pupils

➡ Speech

➡ Movement



Walk in the patient's shoes - Literally



- Have empathy for your patients. Simulate your patients' disabilities.
 - Breathing problems- breath through straws and/or wear compression binders
 - Aging- wear braces and use canes and walkers
 - Hemiparesis/stroke - tie down limbs with braces or torn rags to restrict movement





Student Challenge

Documentation
Practice

Student Challenge

Client Documentation

Use the abbreviations in this chapter and your prior knowledge of frequently used abbreviations to decipher the notes that follow.

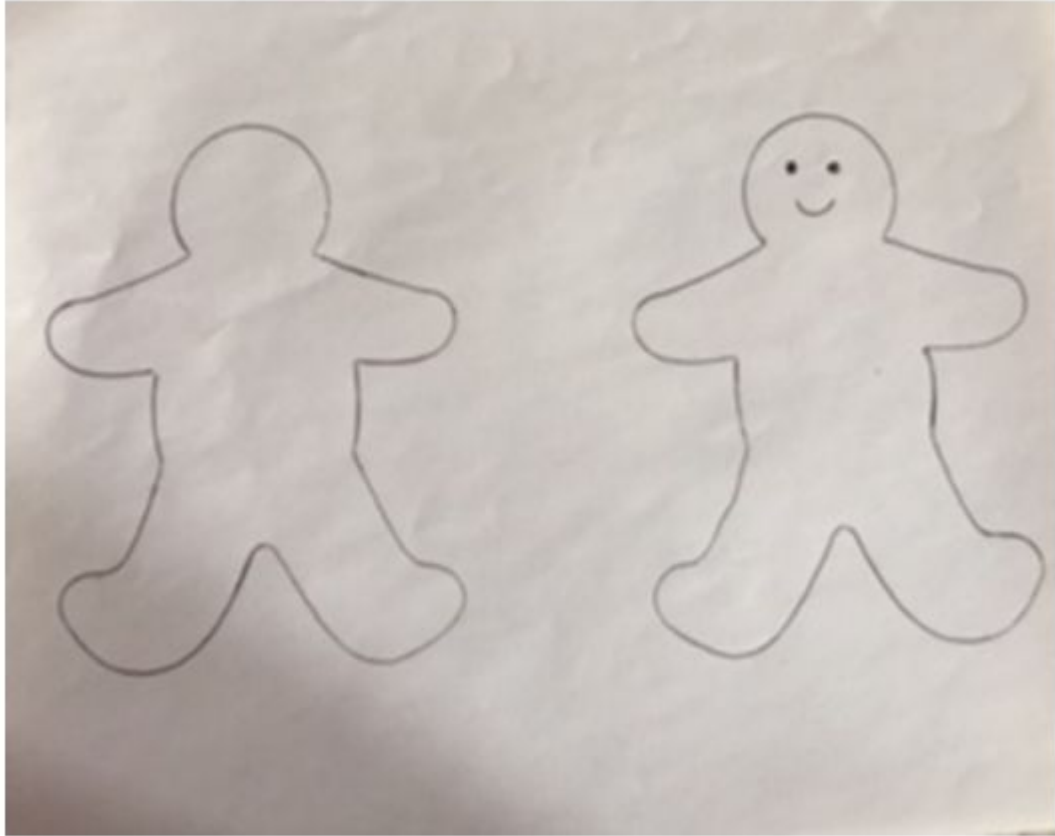
1. LMS 3/17/20XX.
2. NB to NICU.
3. Pt. planning VBAC.
4. Admit Pt. to L&D.
5. FHT WNL.
6. monthly BSE WNL.
7. TAH-BSO w/o complications.
8. grav 1, para 1.



Using Diagrams

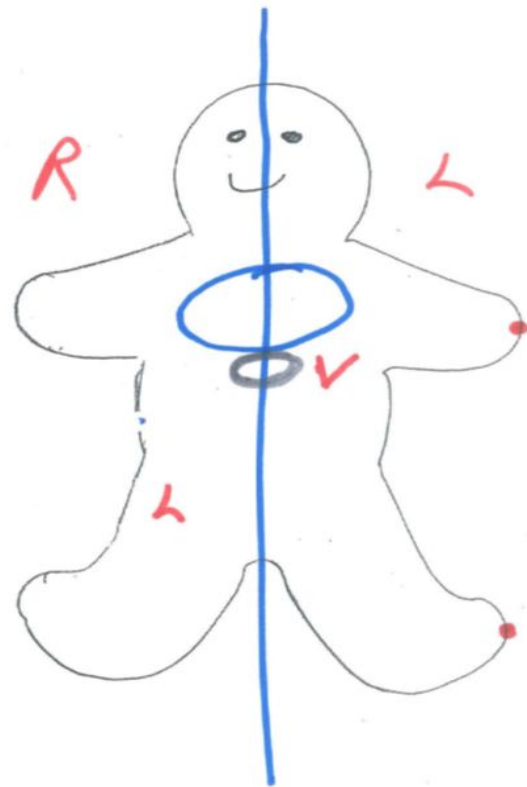
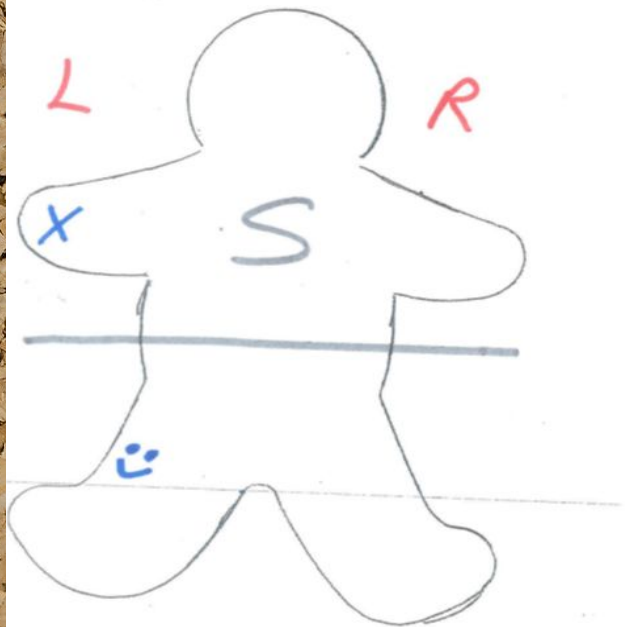


Here is your patient



Answer Key

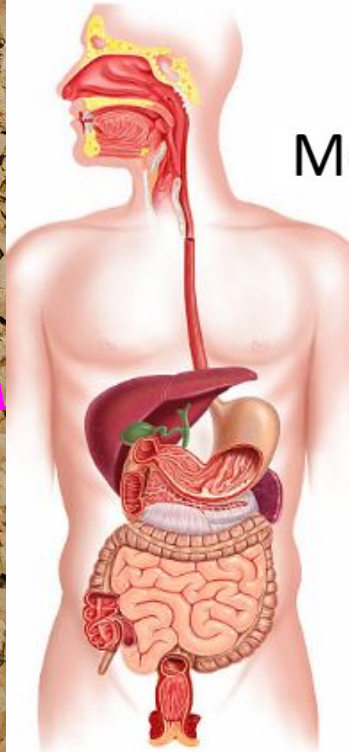
Check your answers



Team Challenge - List the organs in the correct order

Use this activity for any pathway through the body

Alimentary Canal pathway



Mouth	Pharynx	Esophagus	Stomach
Ascending Colon	Descending Colon	Transverse Colon	Sigmoid Colon
Duodenum	Jejunum	Ileum	Cecum
Anus	Rectum	Pyloric Sphincter	Cardiac Sphincter
Ileocecal Valve			



KEY

KEY:

- | | | |
|----------------------|----------------------|----------------------|
| 1. Mouth | 6. Pyloric Sphincter | 12. Ascending colon |
| 2. Pharynx | 7. Duodenum | 13. Transverse colon |
| 3. Esophagus | 8. Jejunum | 14. Descending colon |
| 4. Cardiac Sphincter | 9. Ileum | 15. Sigmoid colon |
| 5. Stomach | 10. Ileocecal Valve | 16. Rectum |
| | 11. Cecum | 17. Anus |

➡ Stomach


➡ Duodenum

➡ Jejunum

➡ Ileum

➡ Colon

Team Challenge





Team Challenge (Brain break) 5 in 1 minute

Surgical
repair of the
nose

Study of
Life

Structure or
tissue
surrounding
the heart

Inflammation
✓ of the small
intestines

Tumor or
mass of the
connective
tissue



Bingo/Flyswatter

Autograft	Blepharoplasty	Cauterization	Chemical Peel
Cryosurgery	Curettage	Debridement	Dermabrasion
Dermatoplasty	Incision and Drainage	Laser Therapy	Lipectomy
Liposuction	Mohs Surgery	Rhytidectomy	Sclerotherapy





Review Activities

Direction
found in
Lesson
Plans



Foldables



Bell ringers



Exit Tickets



Labs



Models

Flash
cards

Table Groups
Small group Races
Diagram cards

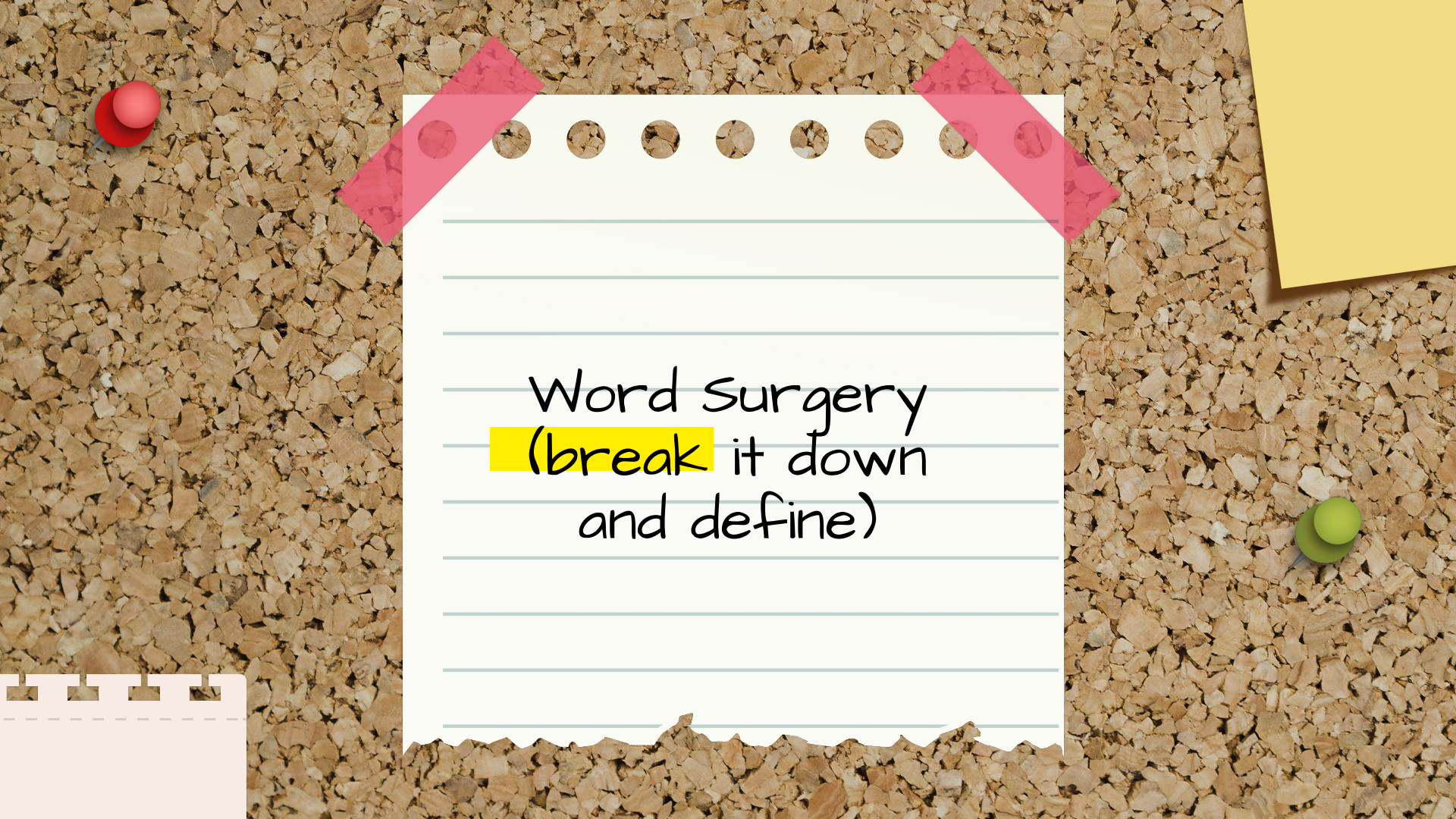
White
Boards

Word Surgery
Word Construction
Diagram Drills

Games

Bingo
Flyswatter
Kahoot
Gimlet
Quizlet





Word Surgery
(break it down
and define)



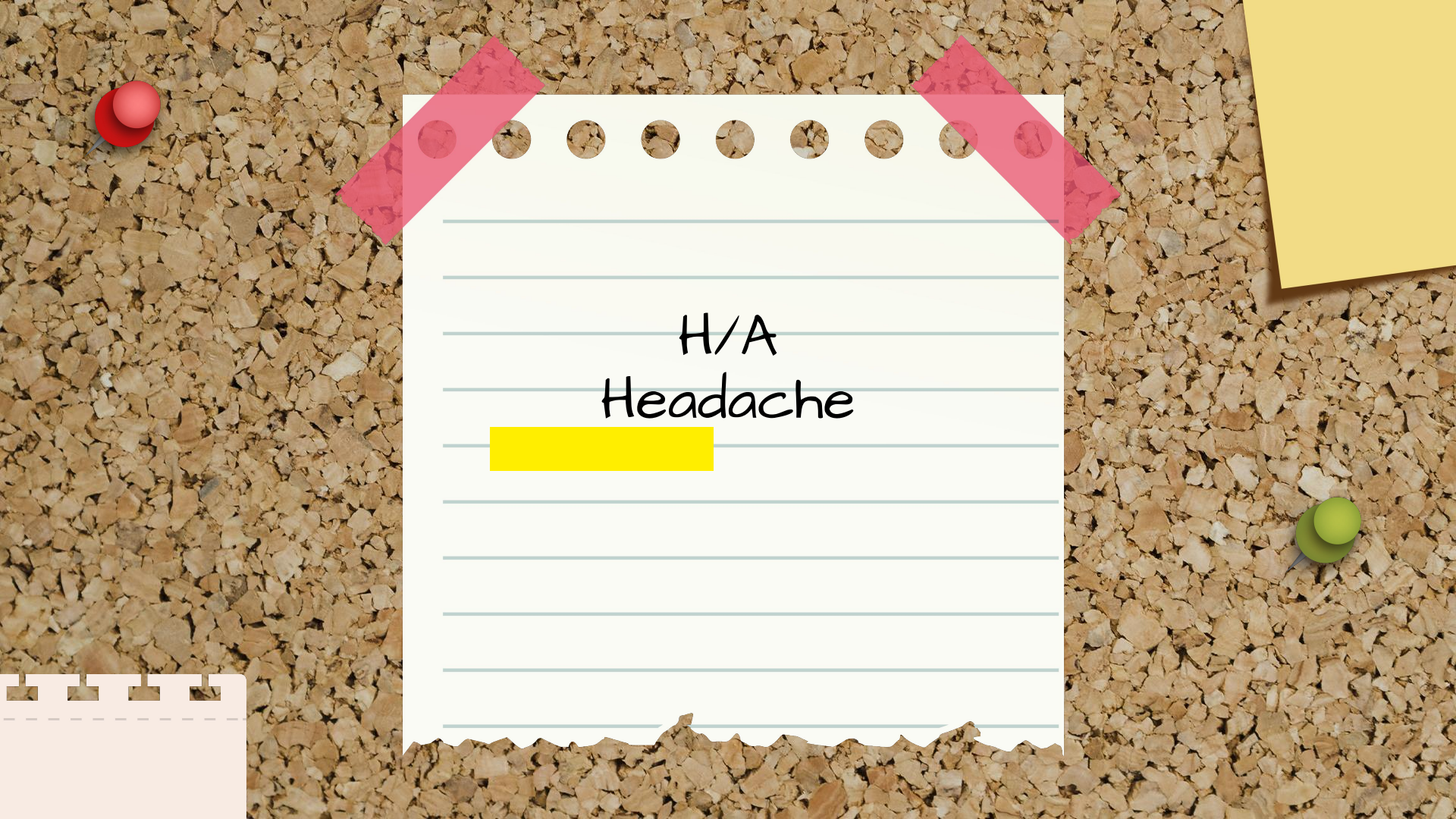
Rhino/rhea



Runny nose



Cephal/algia



H/A
Headache




DIAGRAM DRILL

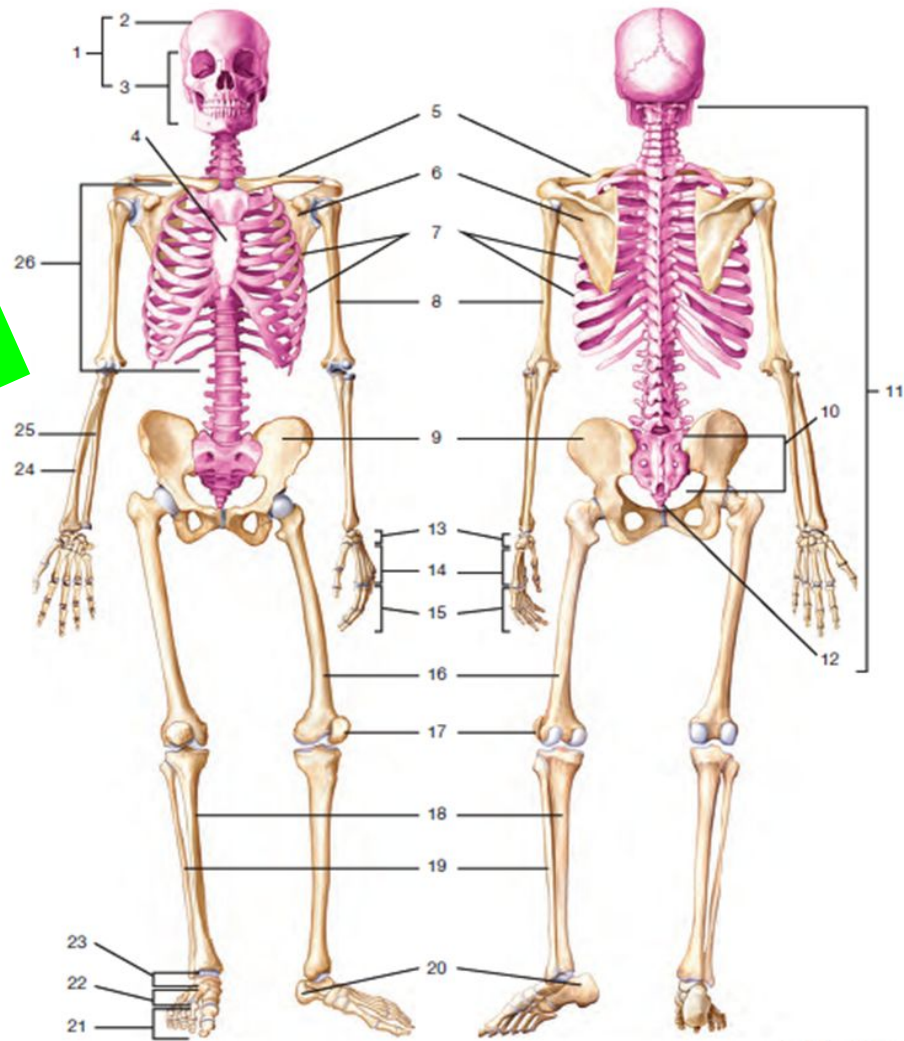
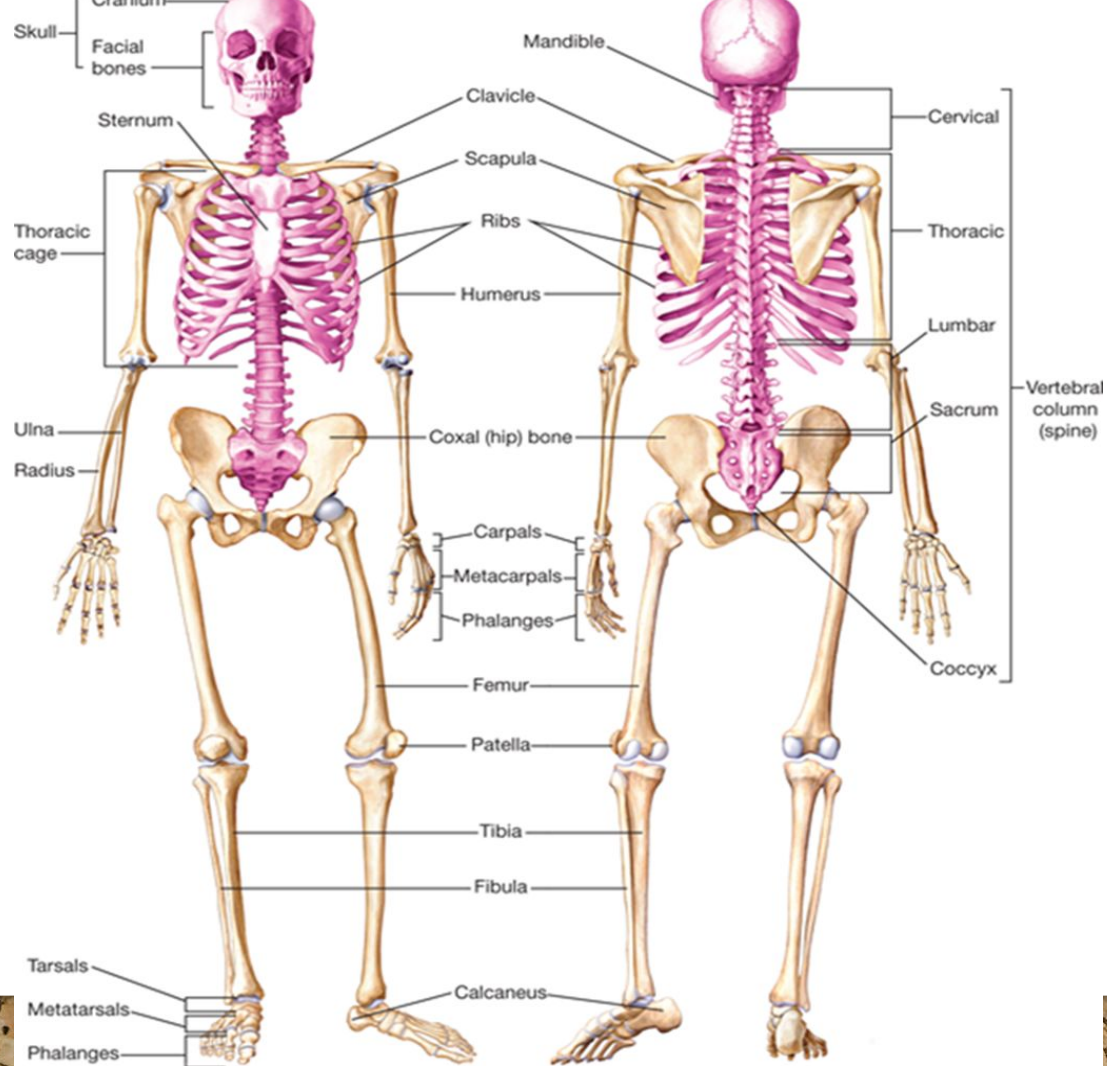


Diagram Drill



Build a Model



Build a Model

Fun way
to review
anatomy



Flashcards- Small group race

Drills



Term

-otomy



Definition

incision

Practice!!



-algia	Pain, painful condition
-otomy	Surgical incision, cutting
-ostomy	Surgical Opening
-ectomy	Surgical removal, cutting out
-osis	Abnormal Condition, disease
-rrhage, -rrhagia	Bleeding, abnormal excessive fluid discharge
-rrhea	Abnormal flow, discharge
-sclerosis	Abnormal hardening
-itis	Inflammation
-plasty	Surgical repair
-necrosis	Tissue death
-ology	Study of, science of
-pathy	Disease, suffering, feeling, emotion
-cyte	cell

Suffixes - Chapter 1

Foldable
S





Review Activities/**Diagram cards**

Direction
found in
Lesson
Plans



Foldables



Bell ringers



Exit Tickets



Labs



Models

**Flash
cards**

Table Groups
Small group Races
Diagram cards

**White
Boards**

Word Surgery
Word Construction
Diagram Drills

Games

Bingo
Flyswatter
Kahoot
Gimlet
Quizlet



Diagram Card



© Body Concepts International
Frontal (coronal) plane

Plane that divides the body into front and back section



Online Terminology
Review!

Jeopardy

Kahoot

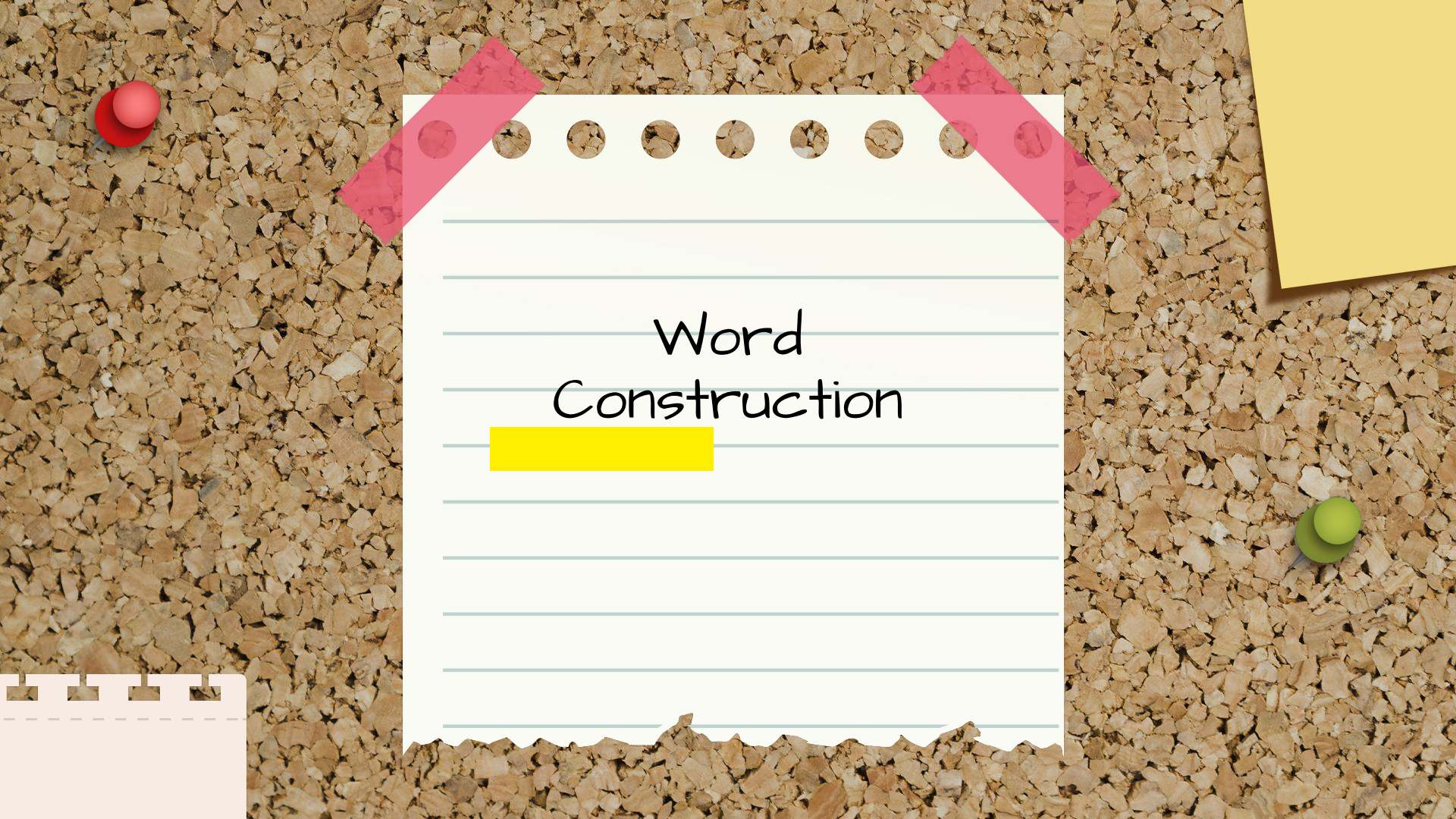
Blooket

Gimkit

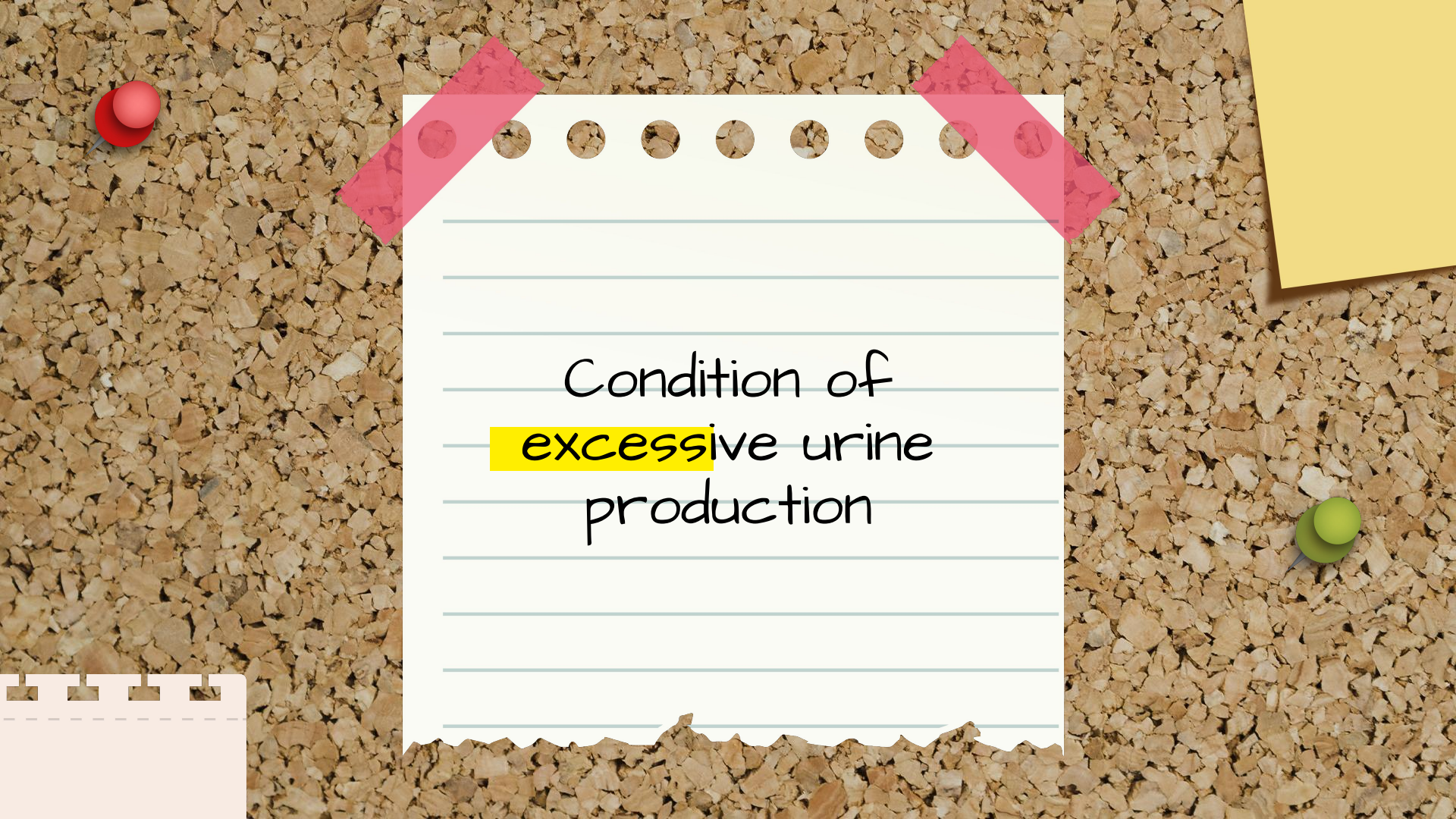
QUIZLET

Quizizz






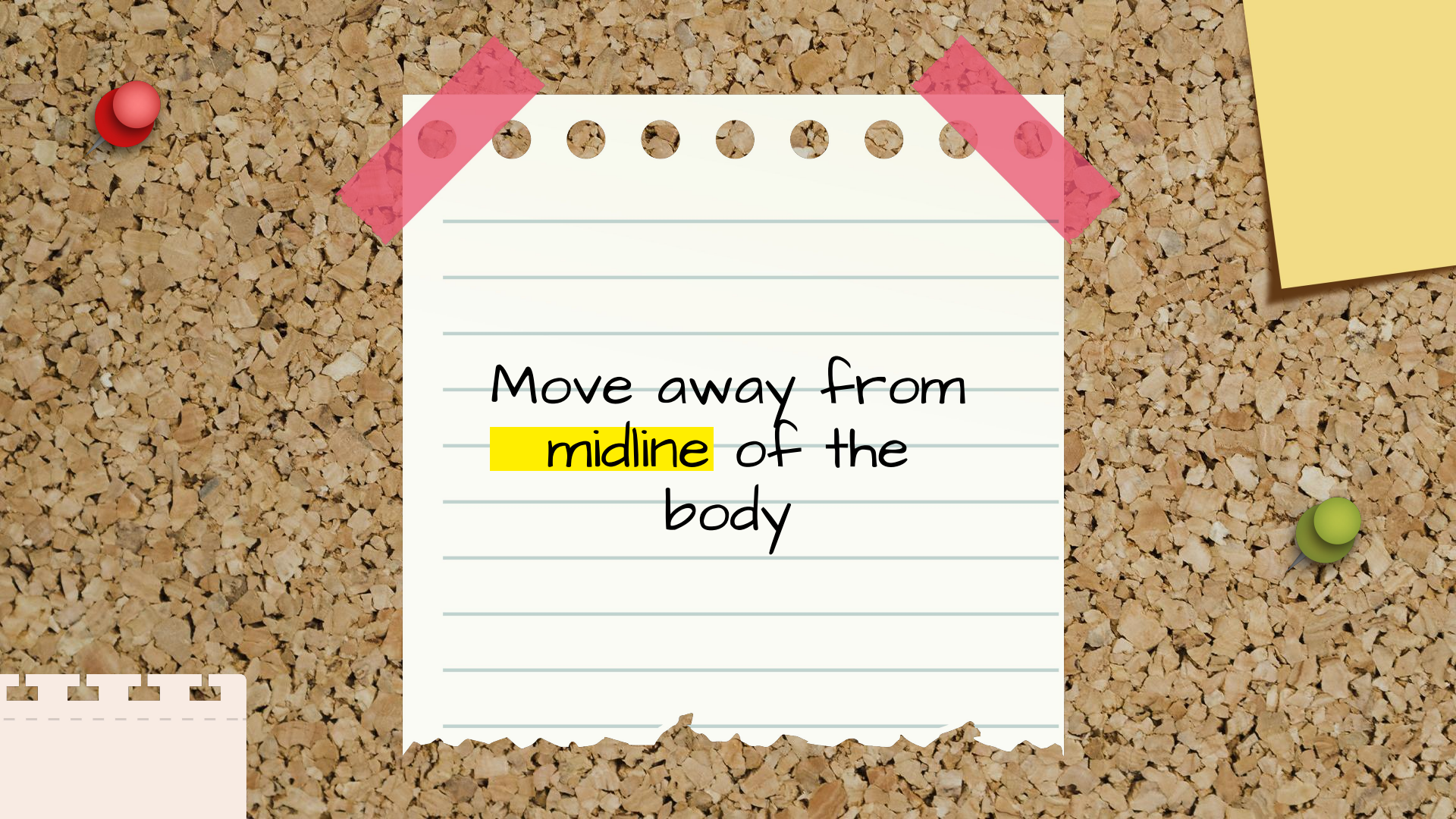
Word Construction



Condition of
excessive urine
production



Poly/uria



Move away from
midline of the
body



Ab/duct/ion



Flashcards- table groups

Drills



Term

Tricho-



Definition

Chair

Practice!!



Exit Ticket Example

Exit
Ticket!

Exit slip Name _____
Date _____

I really got it when...I didn't like it when...I enjoyed...

I'm still wondering...I figured out...I didn't understand...



Exit slip Name _____
Date _____

I really got it when...I didn't like it when...I enjoyed...

I'm still wondering...I figured out...I didn't understand...



**Exit
Ticket**

Instructors!! Here is an Exit Ticket Idea!



Let's Practice!

Exit
Ticket!

Medical

Terminology Review!

Terminology Review!

TERMINOLOGY REVIEW!

**Exit
Ticket**



Thanks for joining us!

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