Active Teaching Strategies for Educators In The Virtual World: What a Trip!

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Learning Outcome: At the conclusion of this professional development activity, 80% of learners will report increased knowledge by stating an active teaching strategy they will implement to meet the educational needs of both in person and online classes.

Menti

Evidence

Teaching and Learning

"During collaborative learning, some information comes from collaborators rather than other sources and that information is likely to become available exactly when it is needed resulting in a decreased load and increased learning."

Paul A. Kirschner, John Sweller, Femke Kirschner, Jimmy Zambrano R, 2018

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Evidence

Problem Solving

When students in an experimental group were given 4 problems to solve, they significantly improved their problem-solving abilities compared to a control group that only received traditional classroom instruction.

Stewart, G., Tondora, J., and Hoge, 26 April 2016.

Menti

Have you ever taken a trip that changed your life? If so, how did it change it?

A trip to church

Yes

Perspective on being a single mom

A walk from a family waiting room into a room to view my son

Trip to a dr = Cancer

Trip to my mothers funeral

Skidrow

Yes, I got engaged! Married with 2 boys now!

Menti

Have you ever taken a trip that changed your life? If so, how did it change it?

Alaskan Cruise Glacier Tour

Trip to nursing school

No

Yes. It made me appreciate a slower and more purposeful life.

Trip to take my dad for a transplant

Yes. Made me appreciate living in the US

No

First time flying

Menti

Have you ever taken a trip that changed your life? If so, how did it change it?

Germany for injured soldier

Yes, it gave me a different perspective I will never forget.

First visit to Yellowstone. 31 years ago. Came full circle last year when I worked in the clinic there.

Church

Nepal after the 7.8 earthquake

Hawaii gave me a new perspective on how amazing the world God created is!

Yes, a mission trip that helped me realize how blessed I was on my worst day.

Trip to Dallas,Tx. Changed my whole life

Menti

Have you ever taken a trip that changed your life? If so, how did it change it?

A trip to the hospital that made me a mama ❤️

Yes! Eloped to Colorado to marry my husband!

No

A flight to Dallas.

Trip from a snake bite..

Yes, dropping daughter off at college. Feels like missing pieces.

Attending a Latina Leadership conference. Changed my perspective on leadership, finances, and education.

Changed the way I viewed my way of living compared to another country

Menti

Have you ever taken a trip that changed your life? If so, how did it change it?

Yes, appreciated undistracted family time

Hospice home

Yes, I had cancer & chemo for one year. & it changed my life

Took my parents on a trip- my father died from cancer right after. Now I take trips frequently . That was his regret

Yes. It drives pursuit of education.

I also took a trip to the ICU that saved my life twice.

My nursing journey

My trip to Hawaii made me slow down, be more flexible in all areas of my life.

Menti

Have you ever taken a trip that changed your life? If so, how did it change it?

I moved halfway across the country for college, met my (now ex) husband, got my degree, got married, had my beautiful children.

Yes . I moved from California to Texas temporarily and ended up staying for 16 years now!

Yes! Refocused my perspective ended a divorce and established marriage

Yes to Bolivia

A trip to the holyland (Jerusalem) was able to see all of the places in the bible

Trip across the country for a better career

A trip to the emergency room

I took a trip to Italy and it changed my life.

Menti

Have you ever taken a trip that changed your life? If so, how did it change it?

Allowed me to see I could accomplish difficult things.

Yes, moving back to my hometown

Trip to Alaska , had family member have to be hospitalized in. Alaska. Challenges of getting home.

To ICU with my son.

Yes, taught me to view the world through a different lens

Trip to Honduras with medical team. Performed wound care and pulled larvae from feet.

Had my husband in the hospital for almost a month. .Made me appreciate being an advocate and an Instructor.

Yes. Travel to Mexico made me appreciate the little things seeing so much poverty around me.

Menti

Have you ever taken a trip that changed your life? If so, how did it change it?

Trip to MD Anderson changed my life. Cancer puts things in perspective quickly!

Back surgery. Watching the young nurses conduct patient care

Yes, and it made me face my fears and im no longer afraid. It showed me the beauty of life

Moved from NJ to TX 40 yrs ago. Learn about independence and increased spirituality.

Trip to see my daughter's grandmother.... We were told she had stage 4 breast cancer

trip on cruise that made me go to the doctor, then found out I had cancer

Yes. When I went to Air Force bootcamp.

Trip to my son suicidal ideations

Menti

Have you ever taken a trip that changed your life? If so, how did it change it?

Surgery for total hysterectomy. Made things better!

A trip to the nursing home

Yes, and now I have 4 beautiful kids and a wonderful husband

GI Bleed x2 trip😬

Participating in a church event for the community

Yes... made me know what it felt like to be loved and cherished

Trip to Dallas changed my life by marrying a wonderful person

Trip almost losing my daughter during childbirth

Menti

Have you ever taken a trip that changed your life? If so, how did it change it?

Missionary trip to the DR. Changed my perspective of my journey of life.

Gold fish

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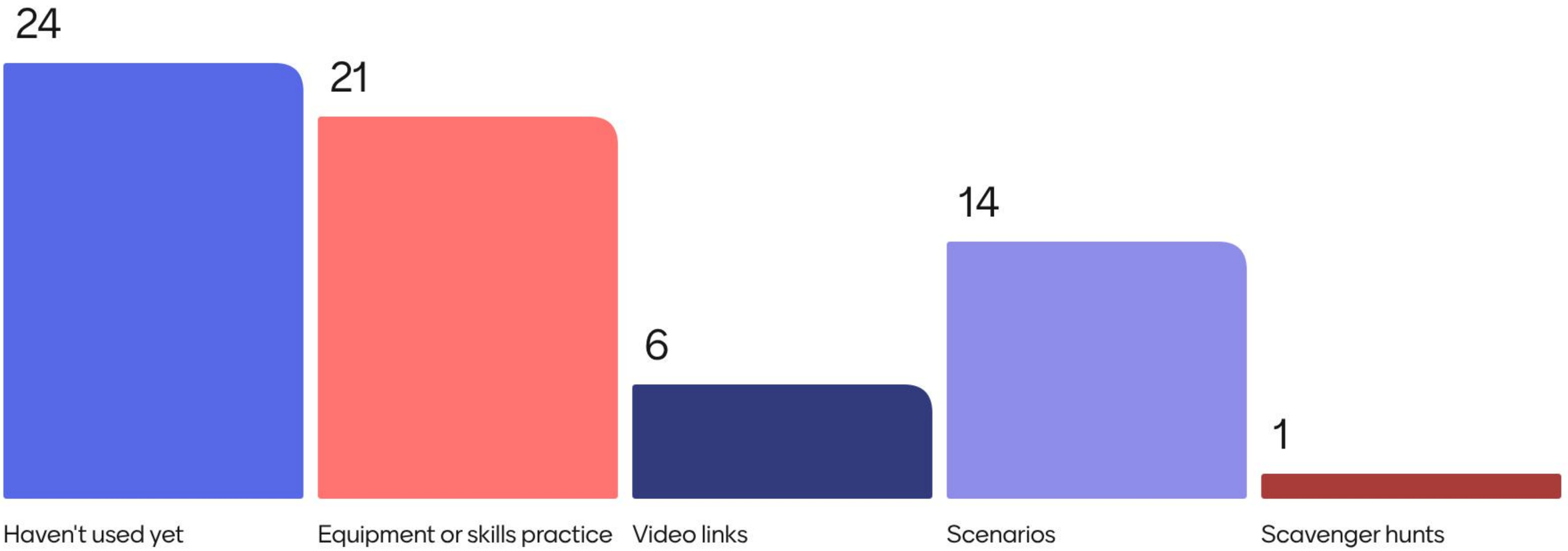
Use a QR Code Creator



- What is the longest imprisonment for HIPAA violations?

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Which of the following ways have you used Q-R codes?



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Evidence

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Cognitive Destination- Beach Lecture?



- Are they sitting and taking it all in with live lecture?
- Formats for recording mini lectures/ house on platforms, times after for debrief
- Podcasts?

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Which creature has the longest attention span, a human or a goldfish?

54



Goldfish

28



Human

Trivia!



The average human attention span has dropped by 33% since the year 2000 and is now at just 8.25 seconds, goldfish have an attention span of 9 seconds

Flying



- Immediate satisfaction
- Go farther faster
- High impact learning

Flying



- Learners produce
- Annotation tools

Form fill in with annotation tools with interview

Skilled Nursing Note

[ ] Initial Assessment [ ] Follow up visit [ ] Supervisory visit

Name of Patient: _____ Date: _____

Vital Signs
Ht: _____ Wt: _____ Temp: _____ Pulse: A/R: _____ [ ] Regular [ ] Irregular
Resp: _____ B/P: _____ [ ] Lying [ ] Sitting [ ] Standing [ ] Right [ ] Left

Nursing assessment and observation of signs/symptoms (Mark all applicable with an "X" or circle item(s) separated by "/"

CARDIOVASCULAR
[ ] WNL
[ ] Edema (Specify)
[ ] RUE [ ] LUE [ ] RLE [ ] LLE
1/2/3/4+ [ ] Pitting [ ] Non-pitting
[ ] Other:

EMOTIONAL STATUS
[ ] WNL
[ ] Disoriented
[ ] Forgetful
[ ] Depressed
[ ] Other:

NEUROSENSORY
[ ] WNL
[ ] Syncope/Vertigo
[ ] Visual Impairment
[ ] Other:

RESPIRATORY
[ ] WNL
[ ] Dyspnea/SOB
[ ] Cough/Sputum
[ ] Other:

GENITOURINARY
[ ] WNL
[ ] Incontinence
[ ] Catheter/Size
[ ] Ileostomy
[ ] Other:

MUSCULOSKELETAL
[ ] WNL
[ ] ROM:
RUE LUE RLE LLE
[ ] Unsteady gait
[ ] Generalized weakness
[ ] Other:

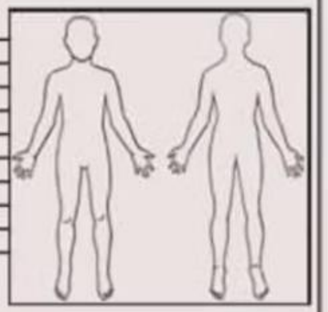
PAIN
[ ] None
[ ] Location:

Severity (0-10):
Other:

DIGESTIVE
[ ] WNL
[ ] Nausea/Vomiting
[ ] Difficulty Swallowing
[ ] Diarrhea/Constipation
[ ] Colostomy
[ ] Incontinence
[ ] Last BM

SKIN
[ ] WNL [ ] Cellulitis [ ] Pressure sore
[ ] Rash [ ] Skin tear [ ] Wound [ ] Incision

	#1	#2	#3
Length			
Width			
Depth			
Drainage			
Tunneling			
Odor			
Sur tissue			
Wound bed			



Stoma:

[ ] Steri-strips [ ] Sutures [ ] Staples
[ ] JP drain [ ] IV line Type:

SAFETY CONCERNS: [ ] Clear pathways/safe ambulation [ ] Fall precautions [ ] Home safety
[ ] Medication management [ ] IV safety [ ] Sharps disposal [ ] Oxygen safety [ ] Bleeding precautions
[ ] Infection control [ ] Other:

SUPERVISORY VISIT: Follows Std Precautions [ ] Yes [ ] No Follows Plan of Care [ ] Yes [ ] No
Performs Care Properly [ ] Yes [ ] No Patient satisfied [ ] Yes [ ] No HHA Present [ ] Yes [ ] No

Functional Needs (Circle): Bathing Grooming Dressing Eating Transferring [ ] Patient/client independent in ADLs / IADLs

Reason for Visit: [ ] Assessment [ ] Teaching/training [ ] Wound care [ ] IV Therapy [ ] Lab draw [ ] HHA/Companion services [ ] PT/OT/ST/MSW services
[ ] Medication management [ ] Other: _____
Recent history pertinent to reason for visit: _____
[ ] Patient is homebound Why? _____

Interventions/Instructions: Teaching/training re: [ ] Medication regimen, actions, side effects [ ] Disease process [ ] Bleeding precautions
[ ] Wound/incision care [ ] IV therapy [ ] Infection control measures [ ] Complications to report [ ] Physician follow up [ ] Home safety [ ] Oxygen safety
[ ] Diet [ ] Elevating legs to decrease edema [ ] Off loading techniques [ ] Sharps disposal [ ] Plan of care review [ ] Medication management
[ ] Inability to void post foley removal [ ] Discharge instructions

Wound Care Performed: [ ] Aseptic technique [ ] Sterile technique [ ] Cleansed with NS [ ] Cleansed with: _____
Product applied: _____
Covered with: [ ] Gauze [ ] ABD pad [ ] Telfa [ ] Packed: [ ] Wet to dry: NS [ ] Secured with tape/ace wrap/stockinette

Annotation Use On Care Map



Flying



- Learners produce
- How to use a white board care map for educator in general room

Flying



Group project: Using the white board, illustrate 3 of the 6 possible causes of dysnea:

Possible obstructed airway

Pulmonary bronchial constriction

Pneumothorax

Pneumonia

Pulmonary embolus

Pump failure

(10 minutes to develop- group support)

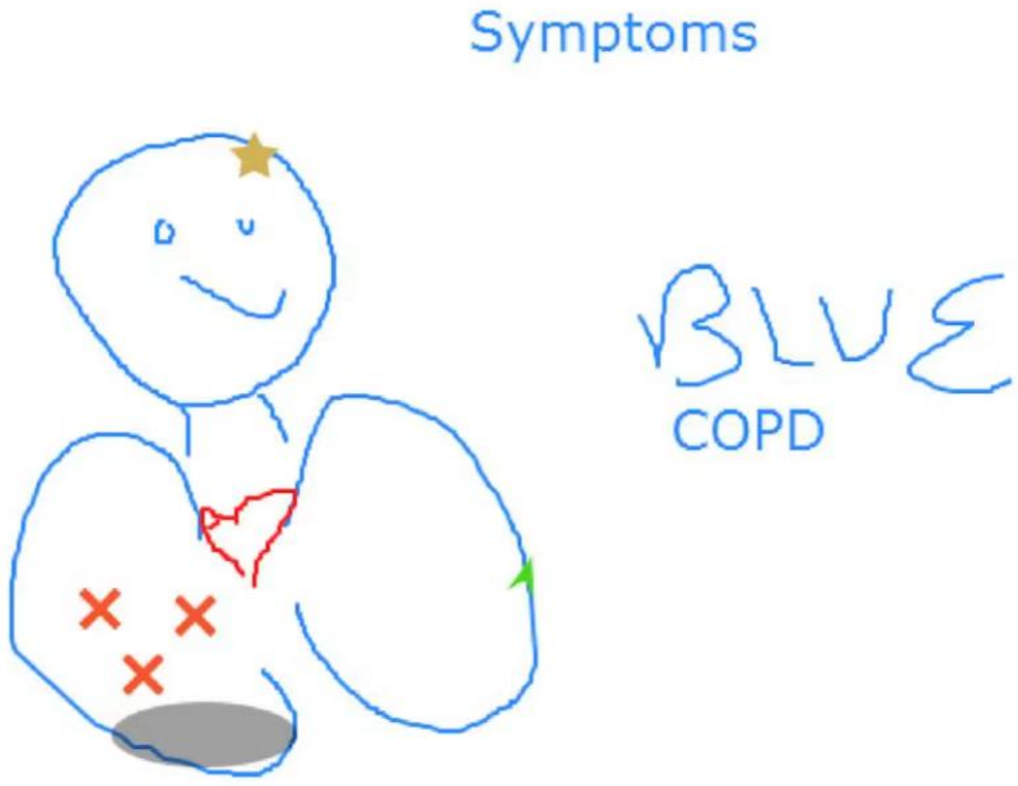


Souvenirs

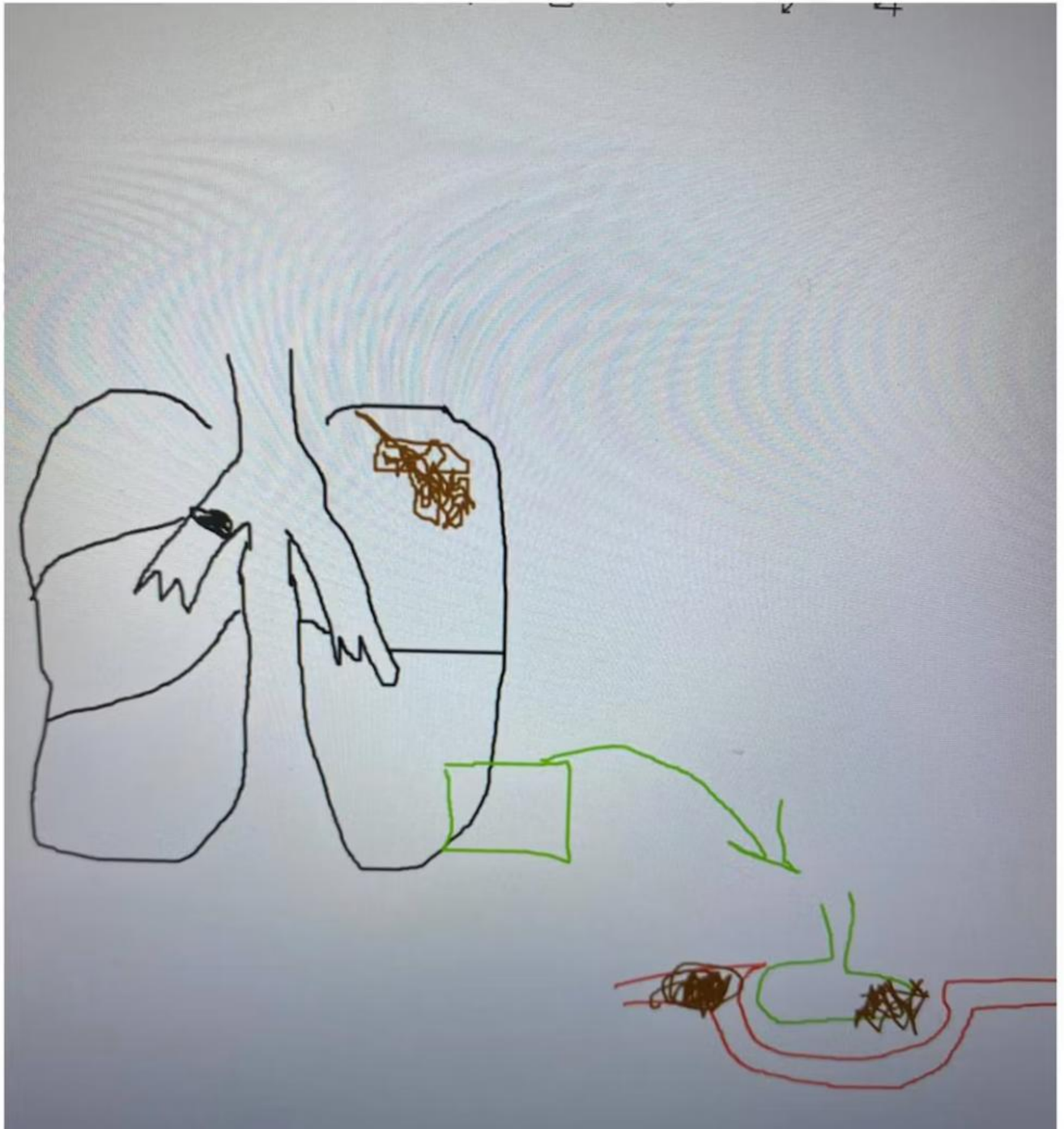
- Wheelofnames.com

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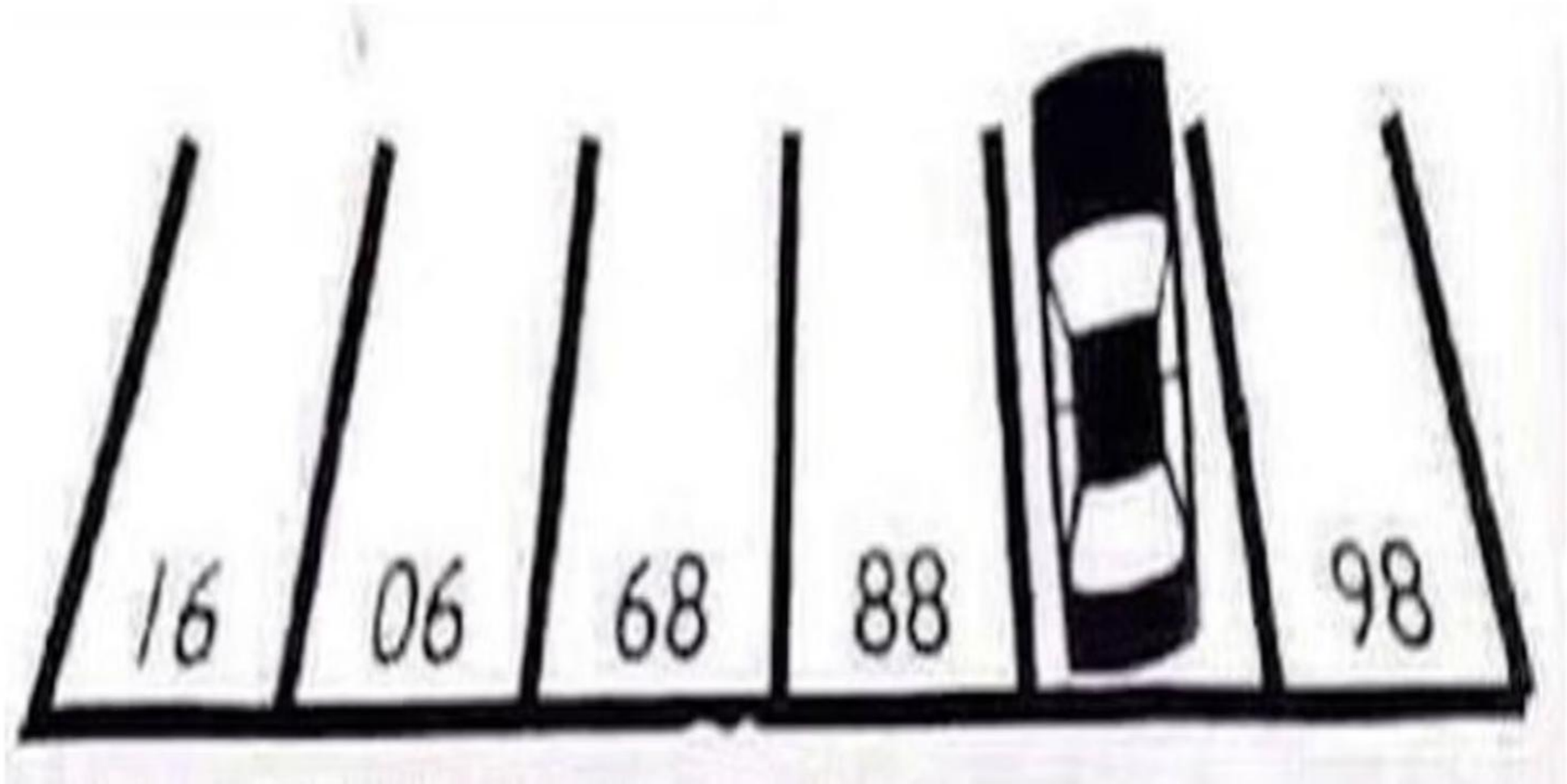
Results



Results

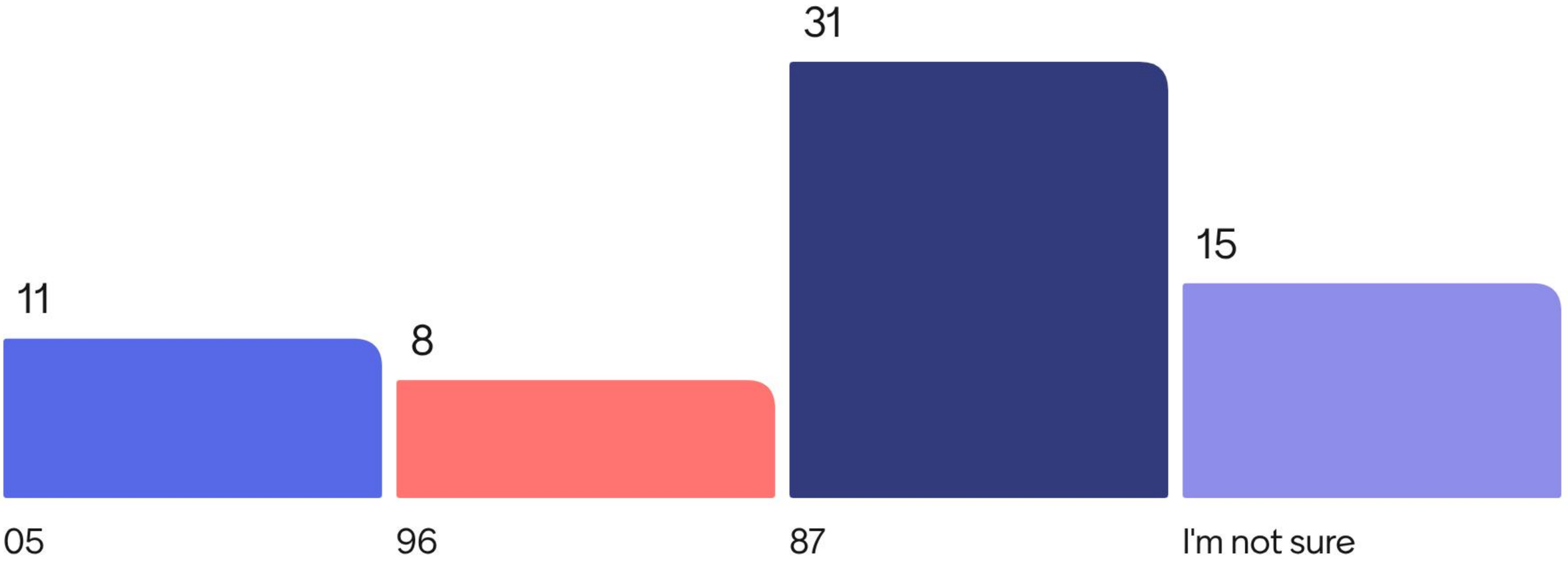


Based on the pattern shown, what number space is the car parked in?

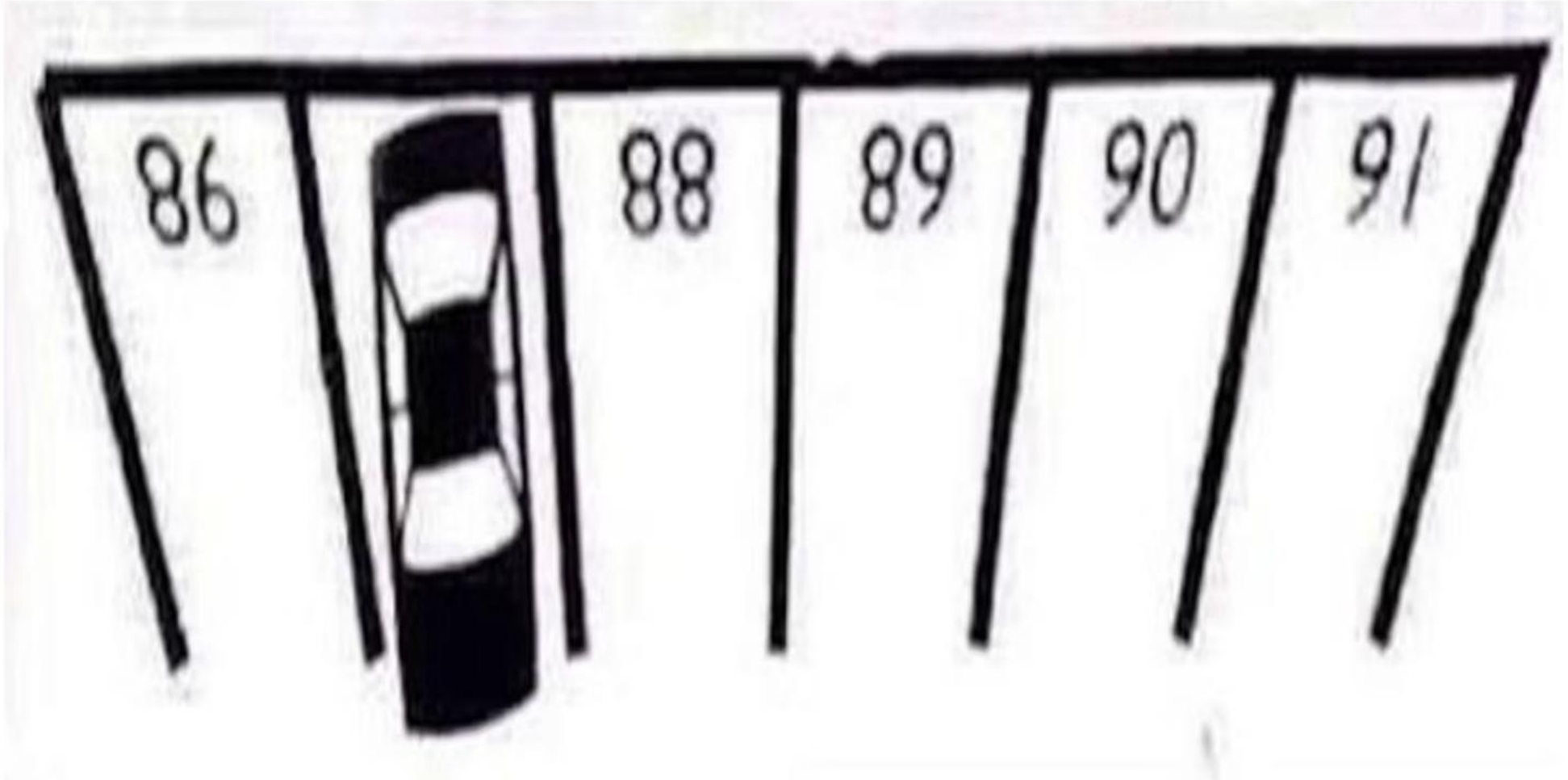


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Which place are you parked in?



Now, what number space is the car parked in?



For Better or Worse

A 59 year patient whom you have seen before enters your waiting area. The patient looks pale and is complaining of not feeling well. You call your colleague and before you know it the patient...

Using only your assessment and observation skills, list your observations that would indicate the patient is either getting better or getting worse.

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List the things that indicate the patient is getting better



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List the things that indicate the patient is getting worse



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If they are worse, what should you do?

Call a professional

Assessing

Take Vs

Get a nursier nurse

Call provider

Get vitals Head to toe
Get back up

Assess the patient

CPR

Menti

If they are worse, what should you do?

reassess

Depends on assessment findings

Call 911

Call for help

Assess!

Call 911

Safety

Vital signs

Menti

If they are worse, what should you do?

Start CPR

Left lateral position

Assess

Get orders from MD

assess

Assess and call rapid

Praying for them

Assess

Menti

If they are worse, what should you do?

Call code

call 911 and get the AED

Pulse ox - all vitals

Assesing the patient

Call funeral home

Assess

Assess the patient

HELP

Menti

If they are worse, what should you do?

Full assessment

Cry

Be a smart nurse

Complete assessment and vital signs

Start a Line, assess vitals, call for help

Intervening....take vitals, maybe call 911

Assess patient

Get him to a safe position

Menti

If they are worse, what should you do?

Get help Assist patient

Assessment, ABCs

Get vitals

Assess the patient

Get the LVN

Vitals,

Grab the crash cart

Stay with patient while calling for help

Menti

If they are worse, what should you do?

Get vitals

Assess. Get vitals ABC's

RIP

Assessing and calling for help

Pulse ox and O2

Assess patient, communicate to provider

Get the real nurse

HELP

Menti

If they are worse, what should you do?

triage pt and take vital signs

Connect to monitor Vital signs

Peace out

Get vitals

Check for pulse

Find the source of the problem

Lay pt down, call 911 and take vitals

Vital signs

Menti

If they are worse, what should you do?

Apply oxygen

High Fowler. Oxygen Epi

Ask for an adult

Medical History Chief complaint

Assess apply Oxygen VS start IV Get antiemetic

Vital signs, O 2 sat,

Get stretcher

Full assessment

Menti

If they are worse, what should you do?

- Get the real nurse
- Elbow IV
- Start an IV
- ABC's

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Identify and number the top 3 intervention:

Airway Breathing Circulation

Vitals signs and assessment

Maintain open airway

Maintain airway

Assess pulse

Backwards elbow IV

Keep them alive

Cardiac monitoring

Menti

Identify and number the top 3 intervention:

Fluids

Vitals, oxygen, start a line

Vitals/pulse ox

Assessment

Assess, call help/md, start IV

Airway

Check ABCs Call MD Assess for causes

Airway Breathing Circulation

Menti

Identify and number the top 3 intervention:

ABCs

Assess, get vitals, call provider

Get a set of vital signs, call for help

Start compressions

Airway breathing circulation

Asses consciousness Vitals Stimulate

ABC

Airway established, safe position in bed or sitting down, tele monitor

Menti

Identify and number the top 3 intervention:

Assess vitals Call a doctor

Asses abcde

Crash cart

Don't leave them alone

Add pressure to area that is bleeding

Do vitals, call 911, calm pt down

Assessment: neuro, VS, review of baseline

Assess Vital signs

Menti

Identify and number the top 3 intervention:

Abc's

Help, assess, and pray

Take VS, Neuro check, start IV

Assess Intervene Report ABC

Grt thrm to a bed, Take vitals, put IV

ABC

Assess, call the doctor, give meds

A airway B breathing C circulation

Menti

Identify and number the top 3 intervention:

Maintain Airway, breathing, circulation

Apply oxygen Call physician

Vitals/assessment, call 911, maintain safety/airway until 911 arrives

tap & shout, open the airway, start compressions if pulseless

Assess, ABCs,

1. Vitals 2. Cardiovascular Assessment 3. Neurological Assessment

Assessment Safety Call for help

Airway, v/s, check orientation

Identify and number the top 3 intervention:

Assessment, interview, & evaluate

sit call MD

Lay them down before they fall and hit head

Call in other healthcare team members

Sit the patient down Assess

VS & assessment

Focused rapid assessment

Check 02, vitals,

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Identify and number the top 3 intervention:

Vital signs electrodes
EKG

Abc, vitals, call doctor

Assess airway. Vital signs and full assessment

Abcd

Call Rapid response
Oxygen IV

Base vital signs, oxygen and stabilize

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Problem Solving



A man was afraid to go home because a man with a mask was there.

Why was the man afraid and what was the man with a mask holding?

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Problem Solving



He was playing baseball!

Problem Solving



I rounded the corner with my dog and saw a hotel. I knew I was dead.

What was the situation?

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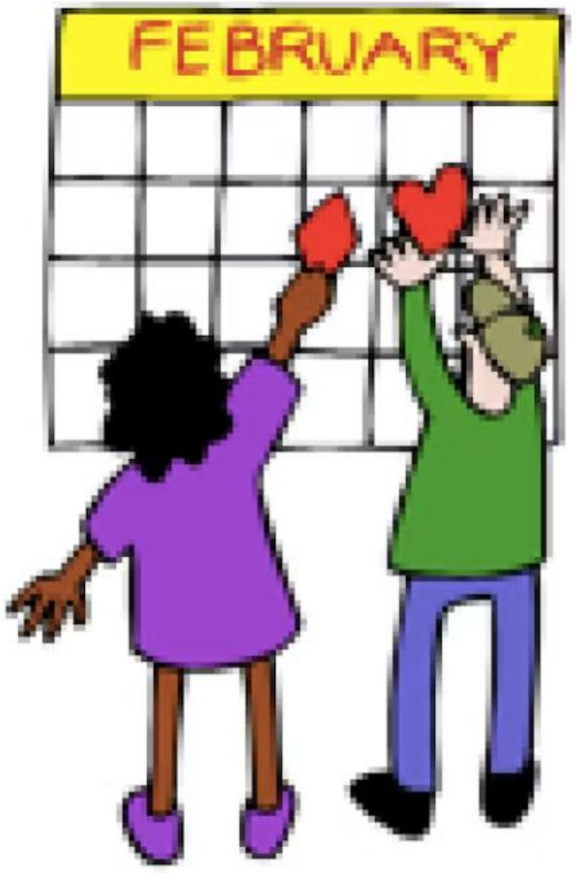
What is the situation?

Problem Solving



You are playing monopoly!

Month Math

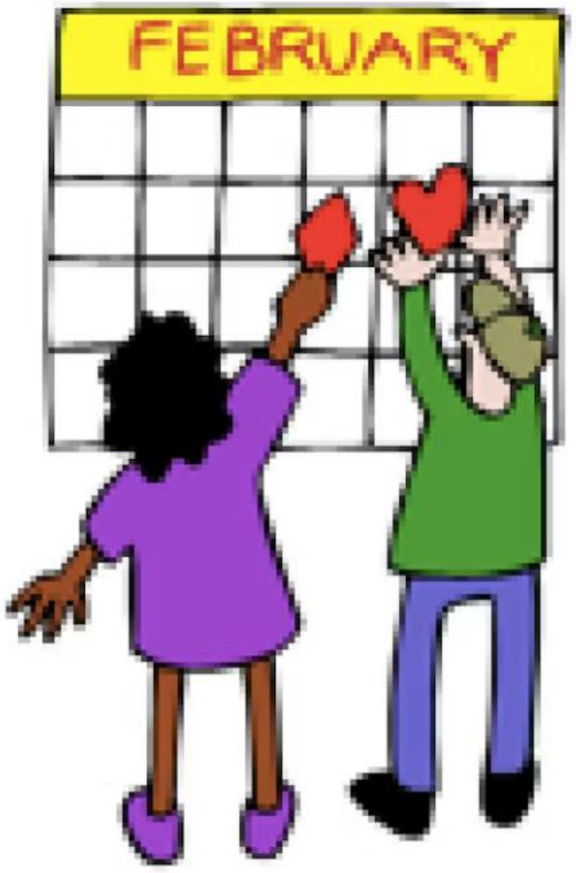


In a calendar year, four months have 30 days and seven months have 31 days. How many months have 28 days?

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How many?

Month Math



All of them have 28 days!

Elucidat

The **modern learner**...



Is **overwhelmed** and **distracted**

In a typical working week they spend...



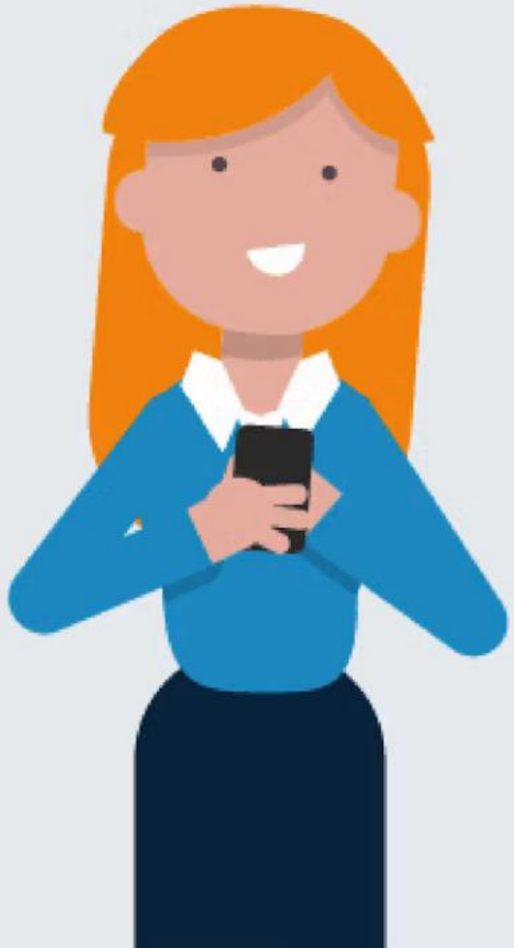
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The Modern Learner Wants To

Turns to their **phones**



Turn to their phones and search in moments of need





And check their phone **10 times an hour**

The Modern Learner Wants **personalized, timely, quality** content



Users want content **tailored to their needs**...but it has to be the **best**.



And they give content just **7 seconds** to decide if it's for them or not.

It's All About the Hormones

Social networking has an actual ***chemical effect*** on our brains.



Oxytocin, the hormone that stimulates trust and empathy, spikes when social media users are online.





This hormone is usually released during ***face-to-face*** social interactions.

Social networking can stimulate the same type of hormonal response as talking to friends or family.



Stress hormones also tend to drop, according to recent studies, while users tweet.



- ***Adrenaline*** is released when we respond to a sudden change in environment, and ***social media is a series of changes***, giving the body plenty of cause to send out bursts of this addictive hormone.



from assistedlivingtoday.com

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from assistedlivingtoday.com



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I've Got a Secret Identity

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Ask a yes/no question.

Do I have difficulty regulating blood sugars

Is it a heart issue

Is it specific to labor and delivery

Is it chronic?

Is it chronic?

Is it cardiac?

Is it terminal?

Are you in pain

Menti

Ask a yes/no question.

Is it chronic?

Does it affect the heart

Do you affect the heart?

Is it chronic

Is it contagious?

Is it contagious

Chronic?

Is it acute

Menti

Ask a yes/no question.

Is it genetic

Is it contagious

Is it terminal?

What body system does it involve?

Can you speak

Is it autoimmune?

is it respiratory?

Is it cardiac?

Menti

Ask a yes/no question.

Is it enfocrine

Can you breathe regularly

Is it a skin issue

Is it GI related?

Is it acute

Are you able to walk

Is it a neurological condition?

Is it chronic?

Menti

Ask a yes/no question.

Is it chronic?

Are you a hot/cold condition

Is it respiratory?

Can you breathe

Is it respiratory

Is it endocrine related?

Is it stress related

Did an accident cause it

Menti

Ask a yes/no question.

GI?

Do you have sob

Tell me your signs and symptoms

Is it contagious

Is it a GI condition?

Is it respirtory

Can you walk it off?

Is it an emergency

Menti

Ask a yes/no question.

Will I die

Is neurological

Are you in labor?

Does it affect bp

when did your symptoms start

Is their bleeding

Does it affect the liver?

Do you have preeclampsia

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Ask a yes/no question.

Does it affect baby or mom?

Are you prehnanty

Do you have pain in the right upper quadrant?

Am I in labor

Do you have pain?

Are you having contractions

Are u pg and bleeding

pain?

Menti

Ask a yes/no question.

Is it hormonal?

Are you having labor?

Are you having a baby?

Is it a complication

Is it pregnancy

Can you die from it?

Is it pregnancy

Any bleeding?

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Ask a yes/no question.

Is it preclampsia?

Are you pregnant?

Is it neurological

Is it hereditary

Pregnant?

Do you need surgery?

Are you pregnant

Is there bleeding?

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Ask a yes/no question.

Daily medication

Does magnesium sulfate help?

Is it bleeding related?

Gestational diabetes

Are you pregnant

Do you get easily fatigue?

Are they pregnant?

Is it emotional

Menti

Ask a yes/no question.

Does it change when you change position

Are you in labor?

Do you have a ob-gyn

Are you in labor

Do you have hellp

Are u in pain?

Tell me about the condition

What are your signs and symptoms

Menti

Ask a yes/no question.

Is it a blood pressure issue

Cup

Headphone placement, cup, keys


DASA


DASANI


AEG POWERTOOLS

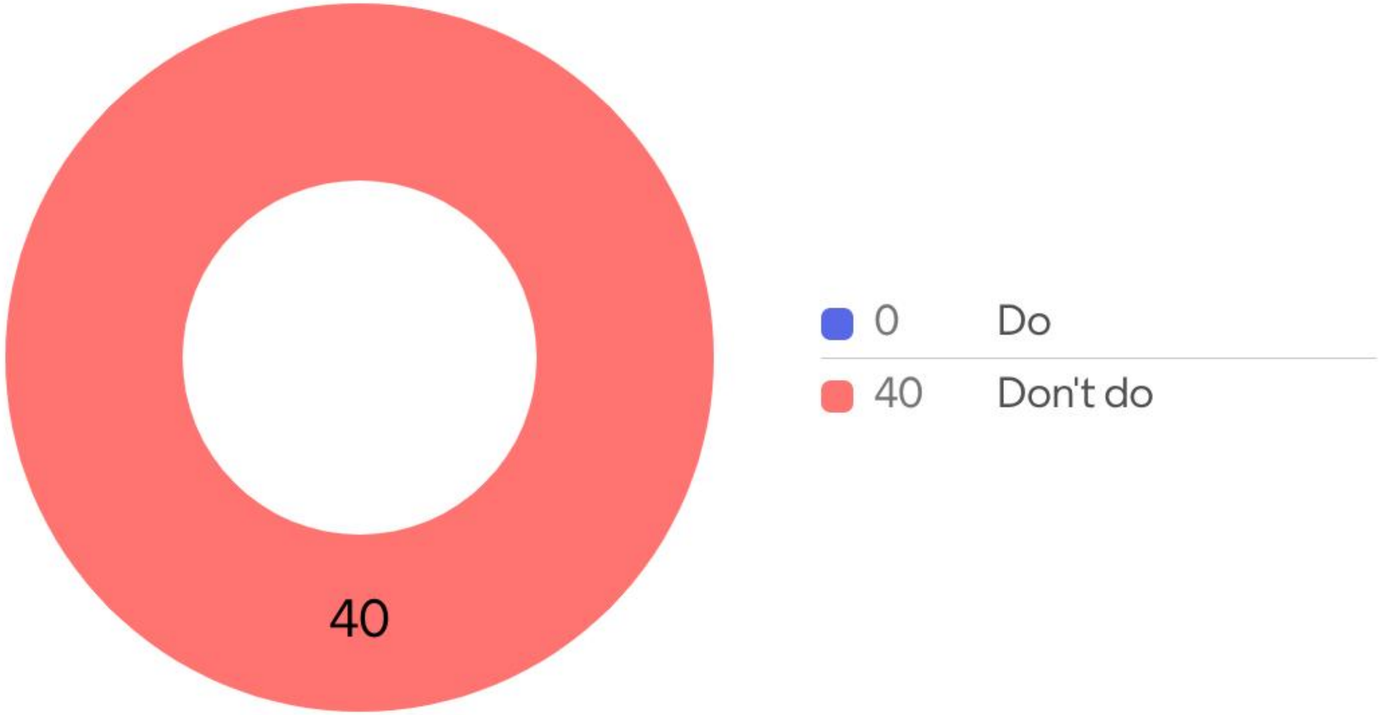


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Do or Don't do

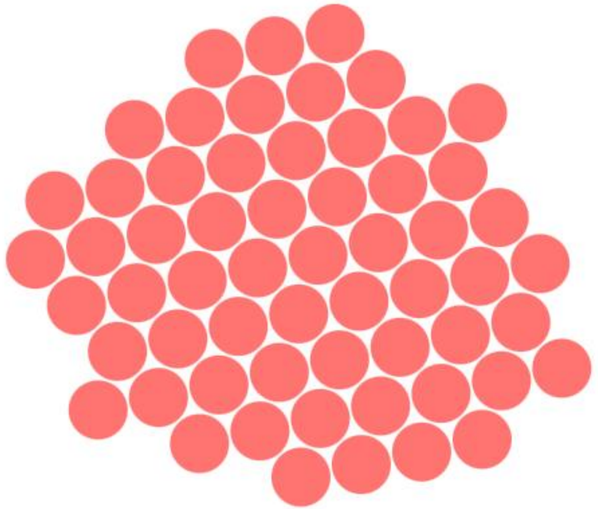
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You have a paper due for your class. Do you use chat GPT to write it and turn it in?



Menti

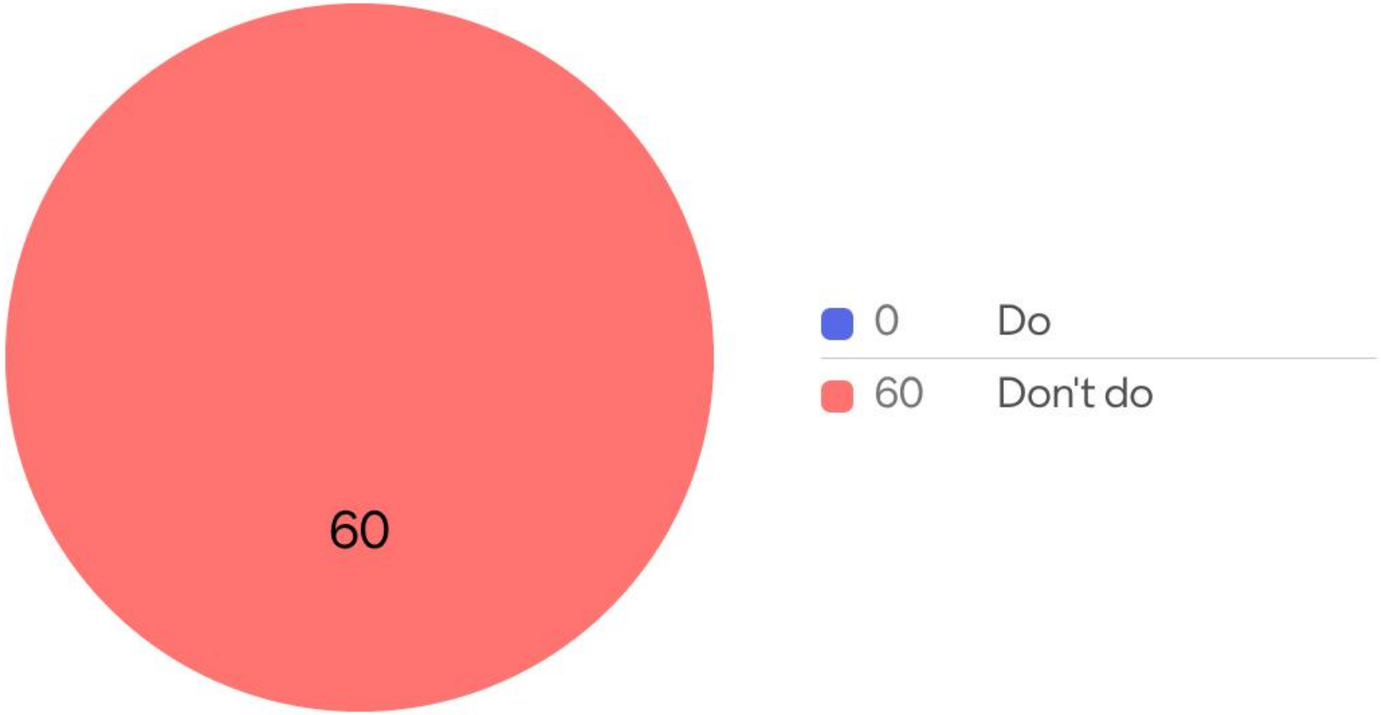
You are working on a nursing unit. You have a bad headache. Do you use a prescription strength med from your patient's supply and take it yourself?



0	Do
59	Don't

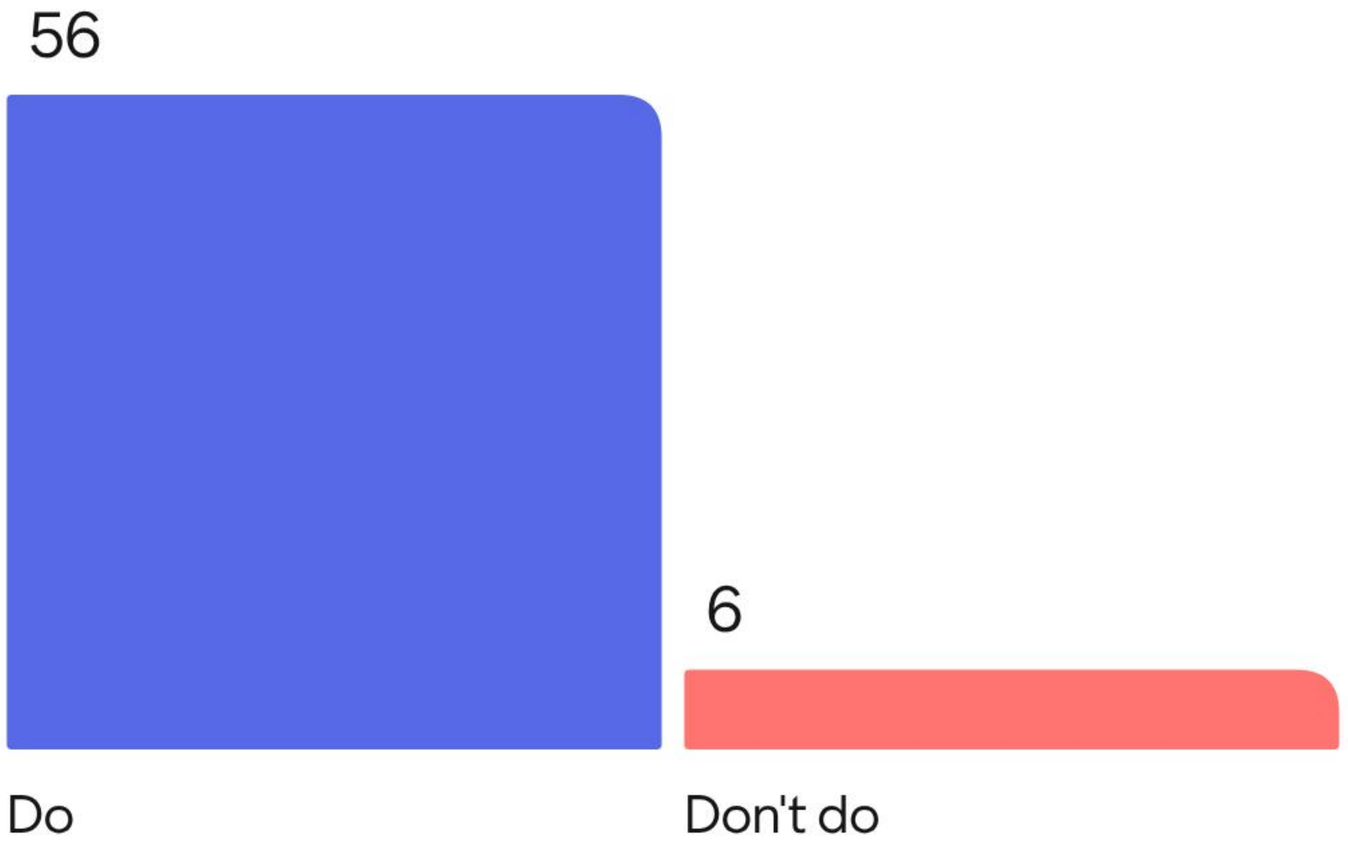
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You are coding a chart. Do you choose a code one step higher in complexity to get better reimbursement if asked to do it by your supervisor?



Menti

The patient's blood pressure is 110/60. Do you give the regular dose of antihypertensive medication?



Create two "do or don' t do" scenarios.

Would you give a pill that you dropped

Patient codes and is DNR, family revokes DNR, what do you do?

There is a Benjamin Franklin in stool on the floor? Pick it up?

Psych patient wants to stop their meds because they are better and do not need their meds any longer. Should you stop it or not?

Apical pulse is 60 bpm do you administer Digoxin

Do or don't do: Administer a medication you did not draw up

Do you give ice chips if NPO?

If the patient has a terminal illness, and respirations are 10? Do you continue with morphine administration?

Menti

Create two "do or don' t do" scenarios.

Do you give atorvastatin in the morning with morning meds?

Pts O2 sat is 90% with COPD do you put them on oxygen?

The RN hangs a unit of blood. She has to go to the bathroom at the 7 minute mark and asks you to watch the patient. Do you?

Trache care and pulse ox AND insulin related to blood sugar.

Give digoxin with hr 55

Mom comes in with child says to not notify the father. Child says i want my dad.

Your patients potassium level is 3.0. They have scheduled lasts dose at 9 am. Should you give it or not give it?

Mom is IN ICU. Daughter calls for information. Do you give it?

Create two "do or don' t do" scenarios.

Another pulled drew up insulin and had to use the restroom. They gave you the syringe and asked you to give it.

Do or don't do: immediately call the dr

Patient is thirty with a sodium level of 140. Do you give them the water or not?

Give black coffee with clear liquids

Get the dad to sign a consent on a circ on a newborn baby?

Can you text test results to the provider?

Do you send a cna to do a repeat of an abnormal vital sign.

Pt wants to be friends on Facebook after d/c. Do you connect with them? Pt want to see their chart. Do. you show it to them?

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Create two "do or don' t do" scenarios.

Your patient is receiving lasix. Their K is 4 do you hold the potassium supplement?

If you are doing your abdominal physical assessement. Do you palpate first?

Would you administer a patients prescribed anticoagulant when they are admitted from the ER when you know they will ultimately need surgery but you do not know when it will occur.

Would you start tnkase/TPA therapy for a patient that had a cva event 3 months prior?

1.-if the patient is prescribed an antidepressant and does not feel well after 5 days: do you call MD?

Potassium is 5.9 would you administer Spironolactone

Skin integrity and Do's and Don'ts

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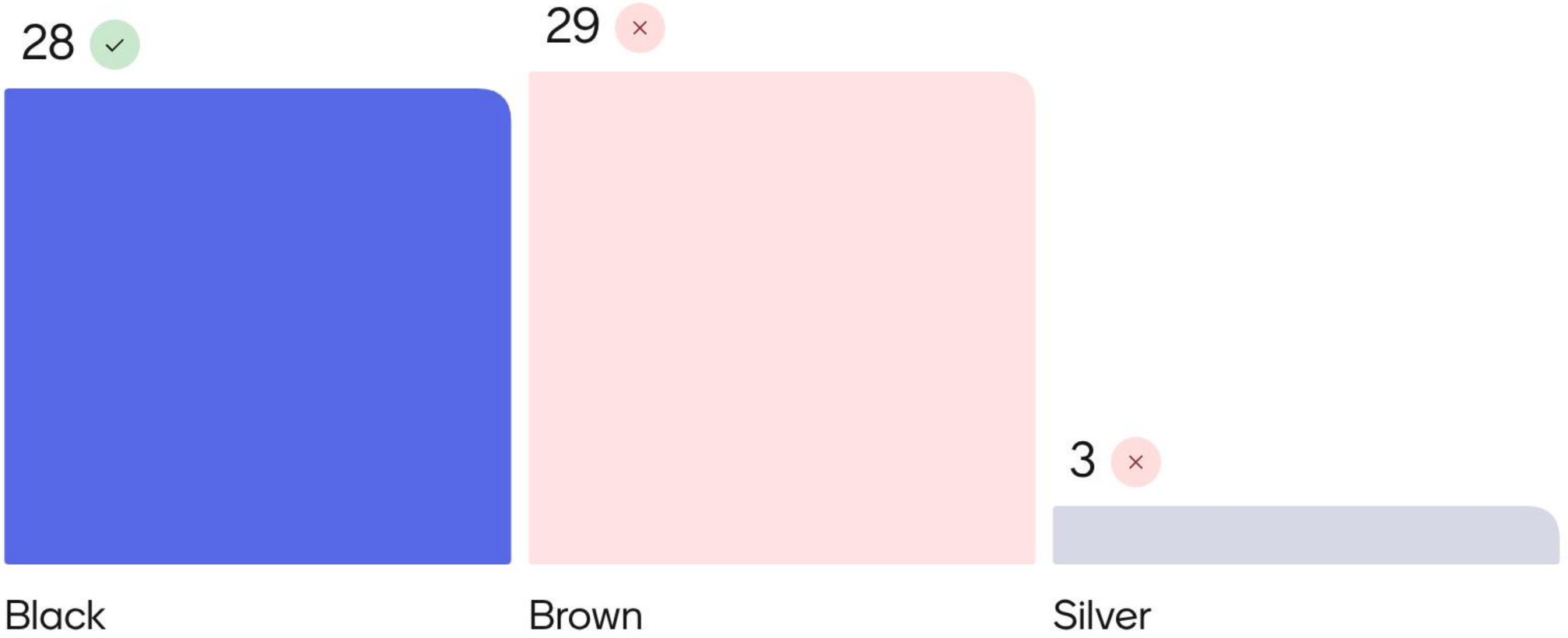
Create two "do or don' t do" scenarios.

Menti



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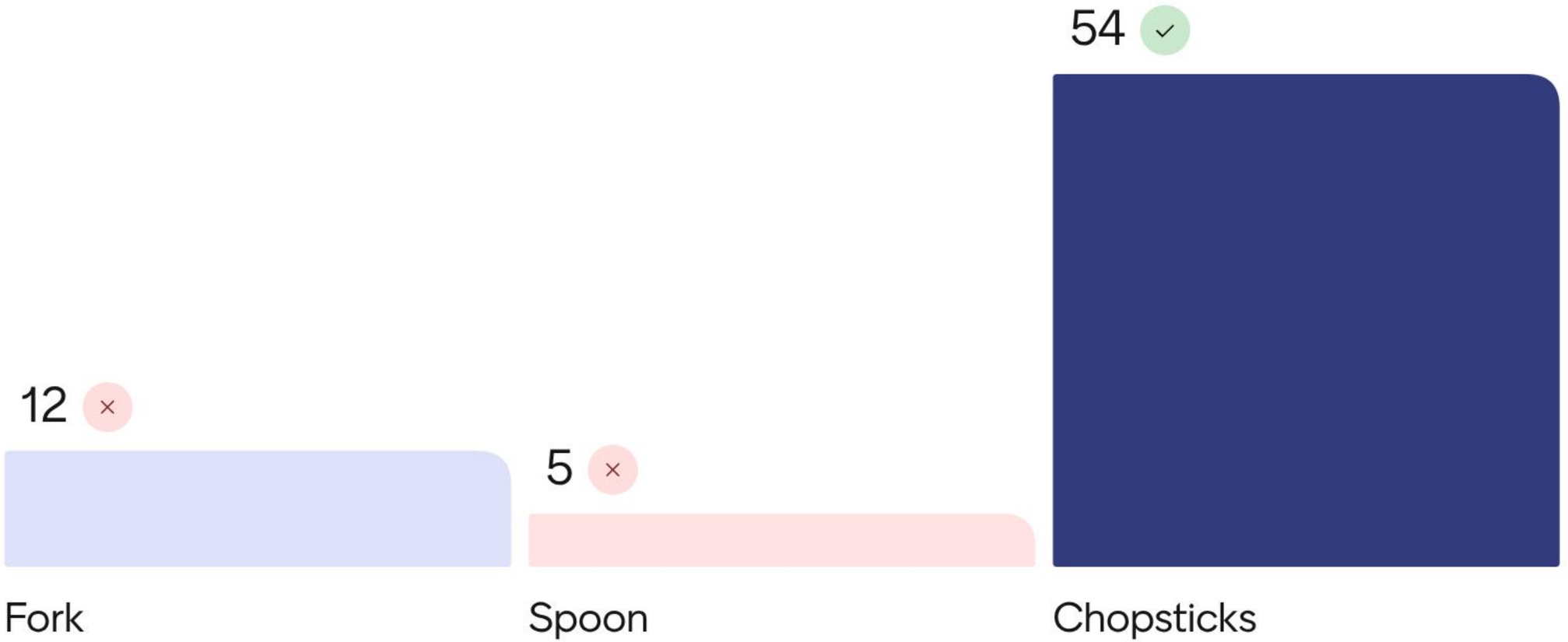
What color was the knife handle?

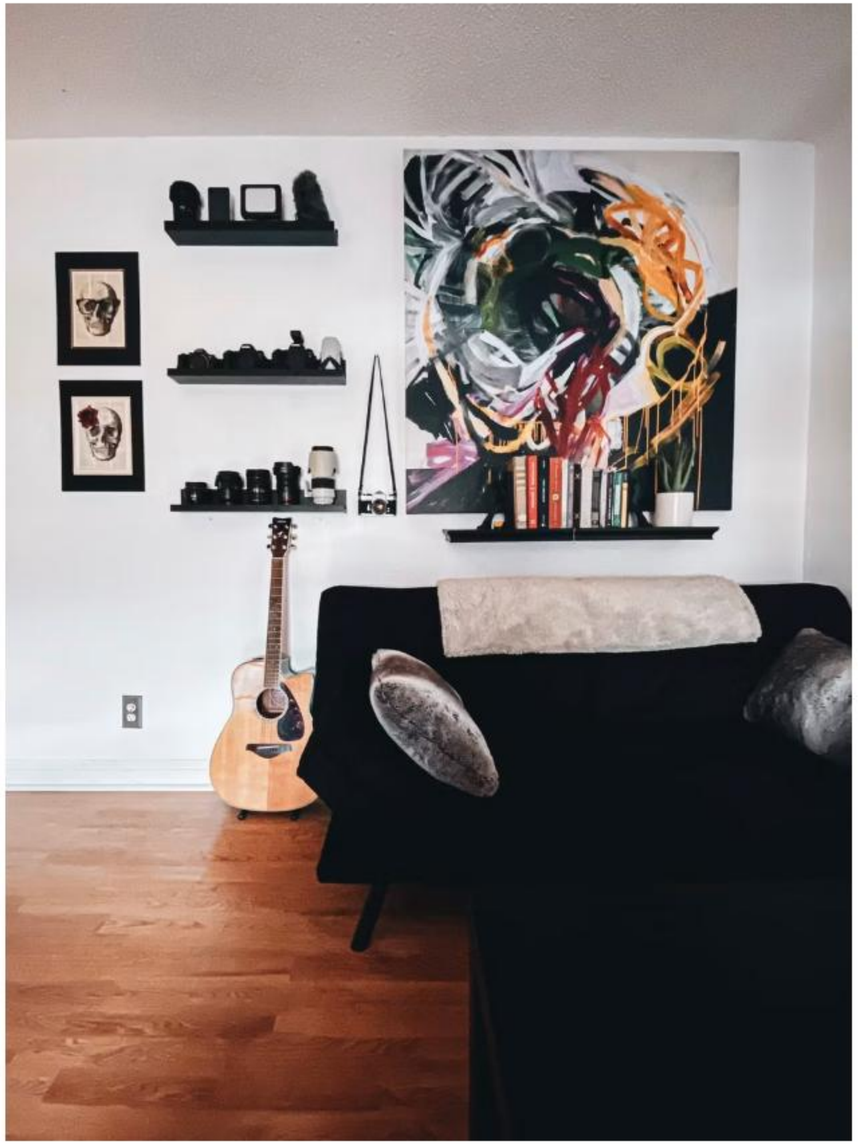




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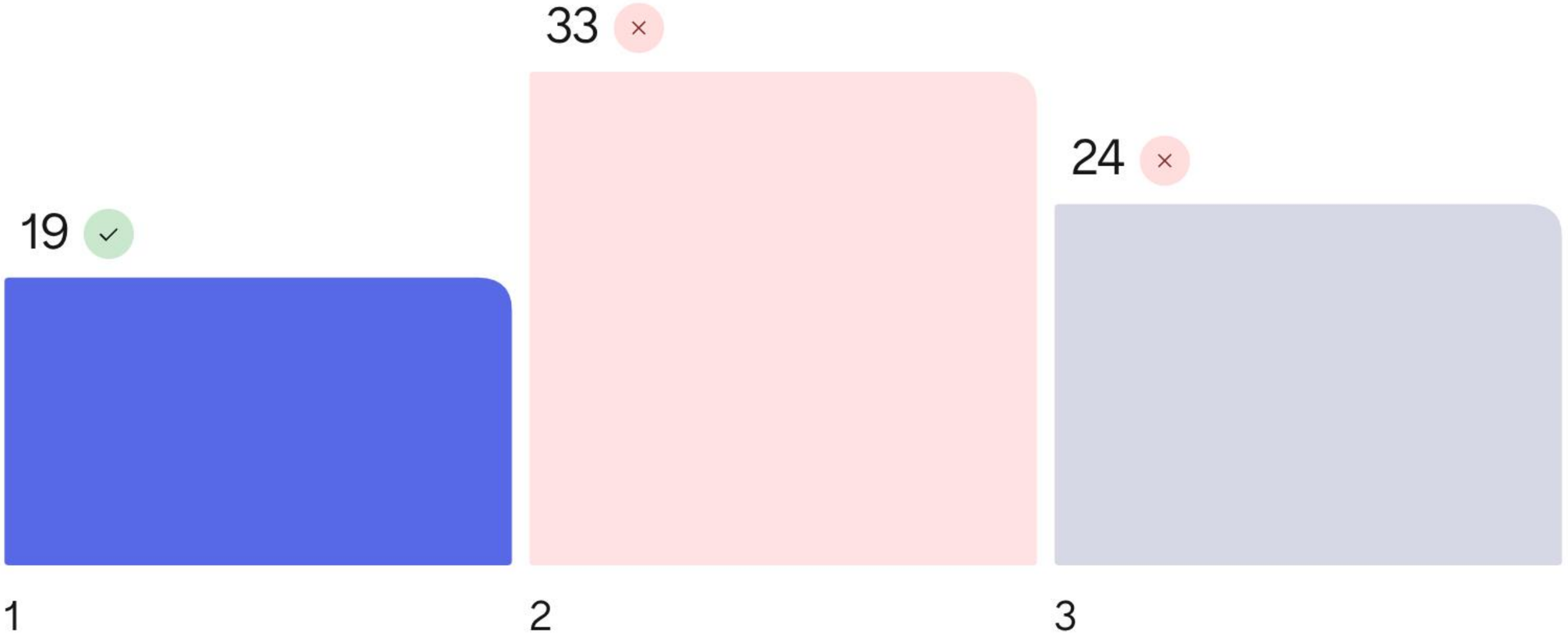
Which utensil is being used in the picture?





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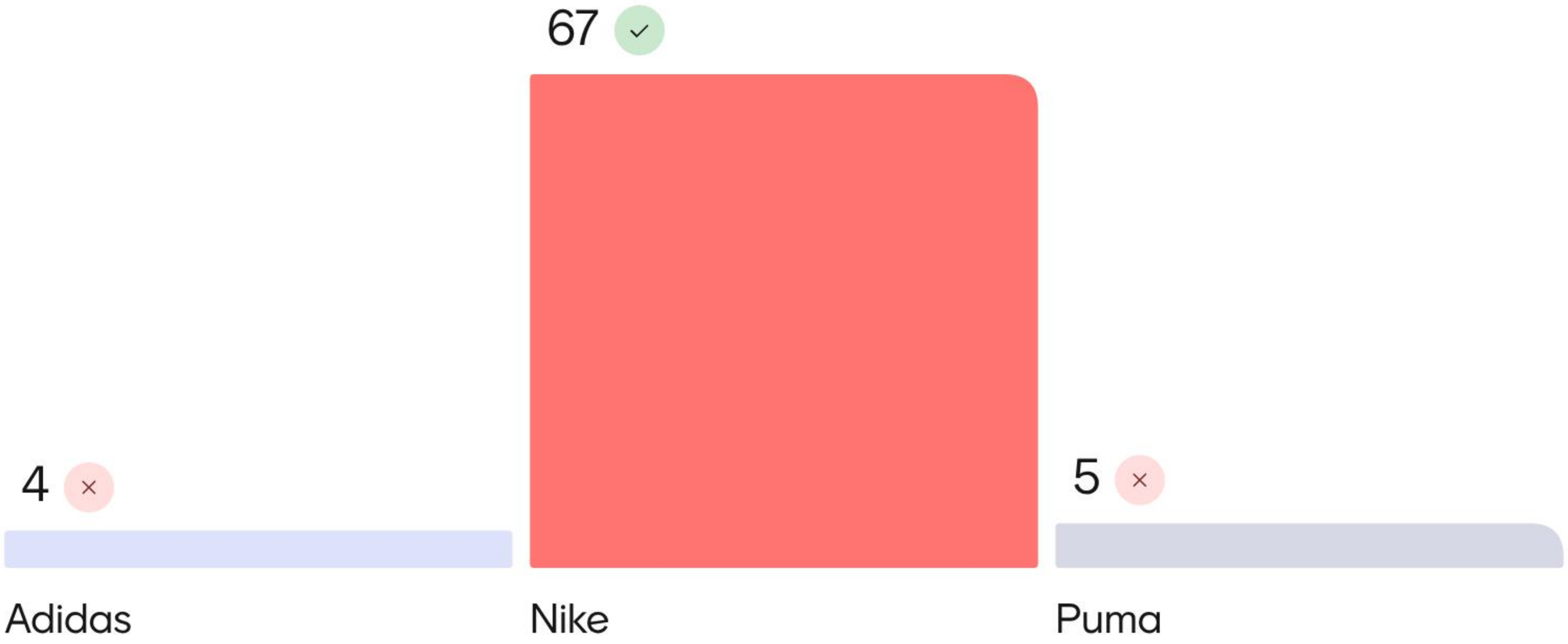
How many cameras were hanging on the wall?





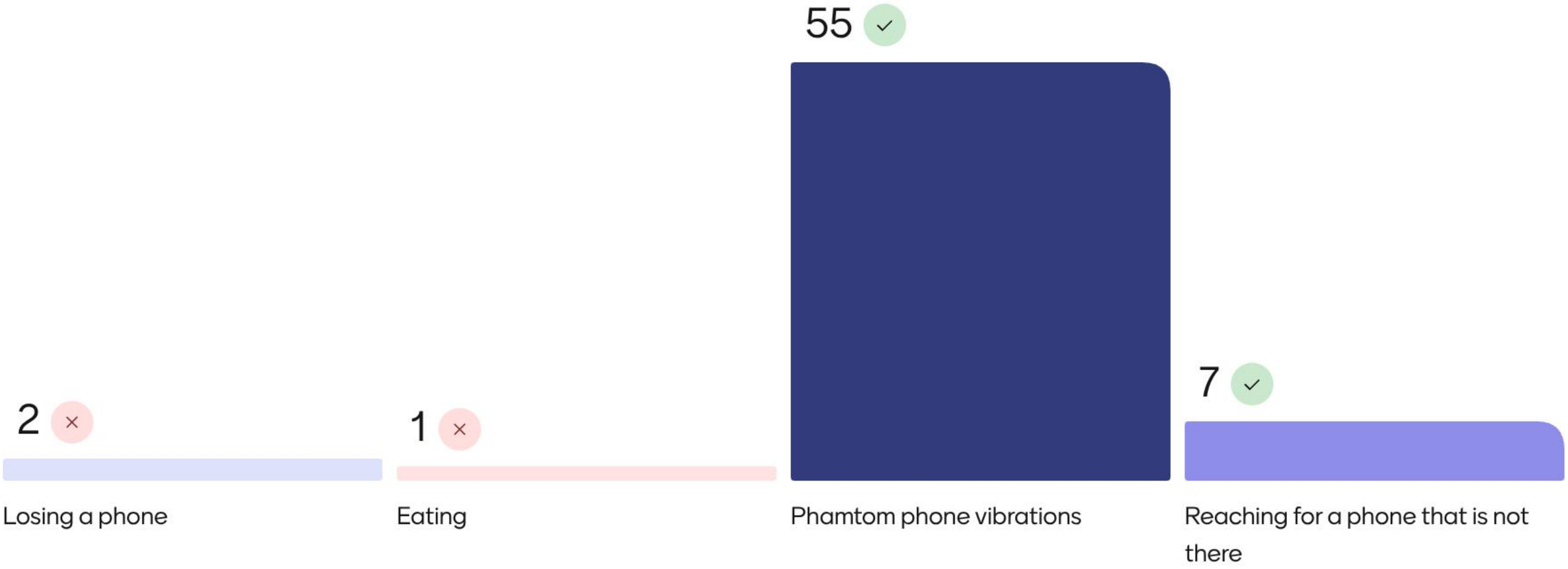
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Which brand of shoes was the man wearing?



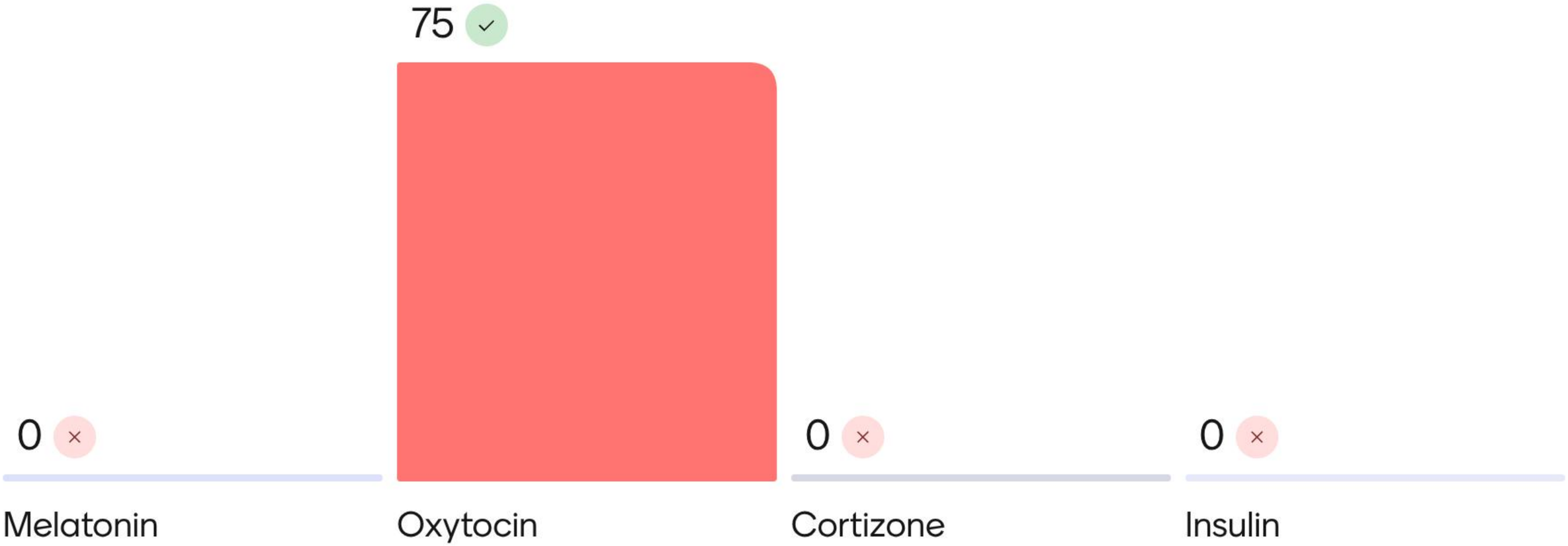
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Which of the following are symptoms of internet addiction?



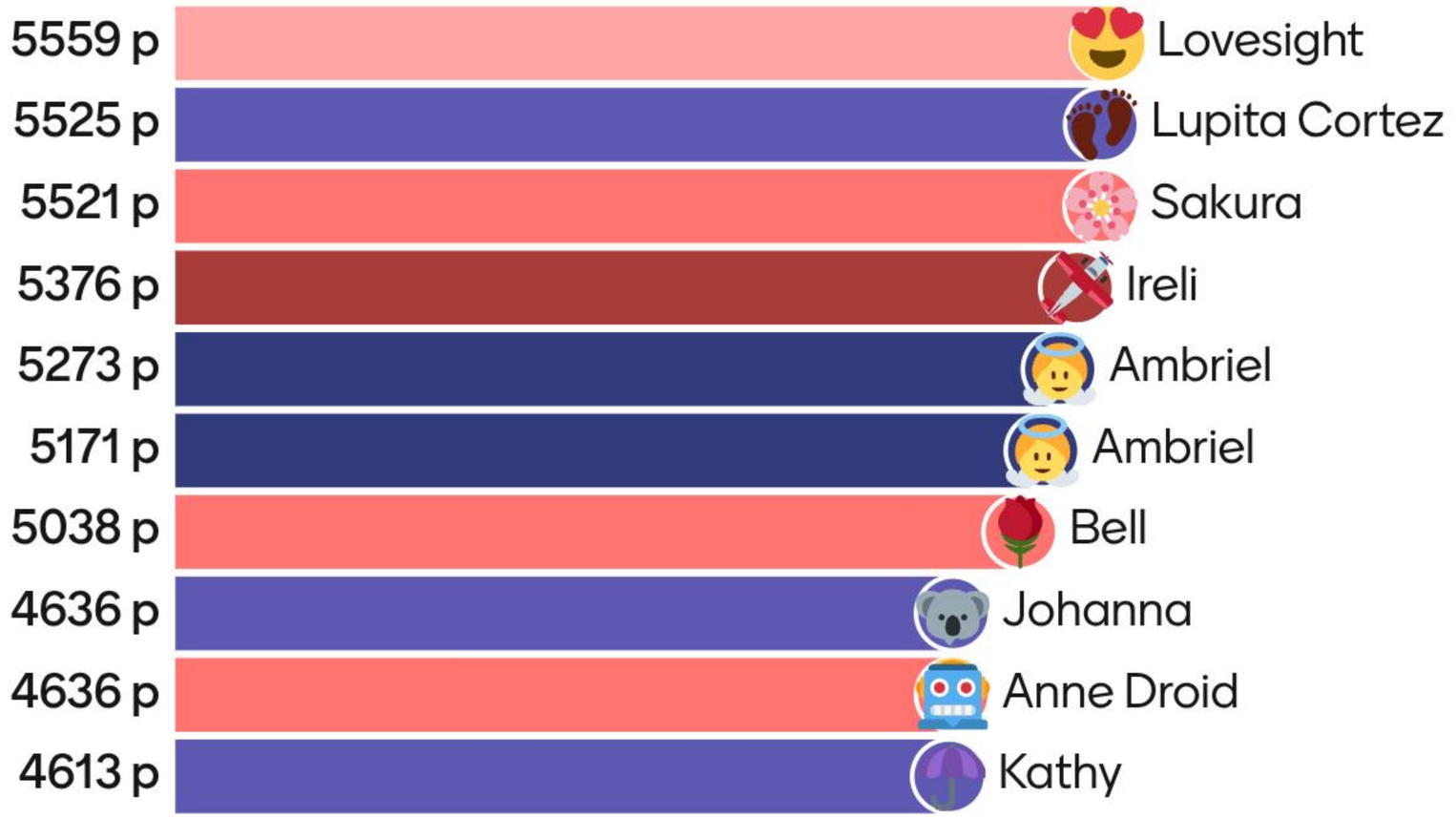
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Which hormone is released when using social media?

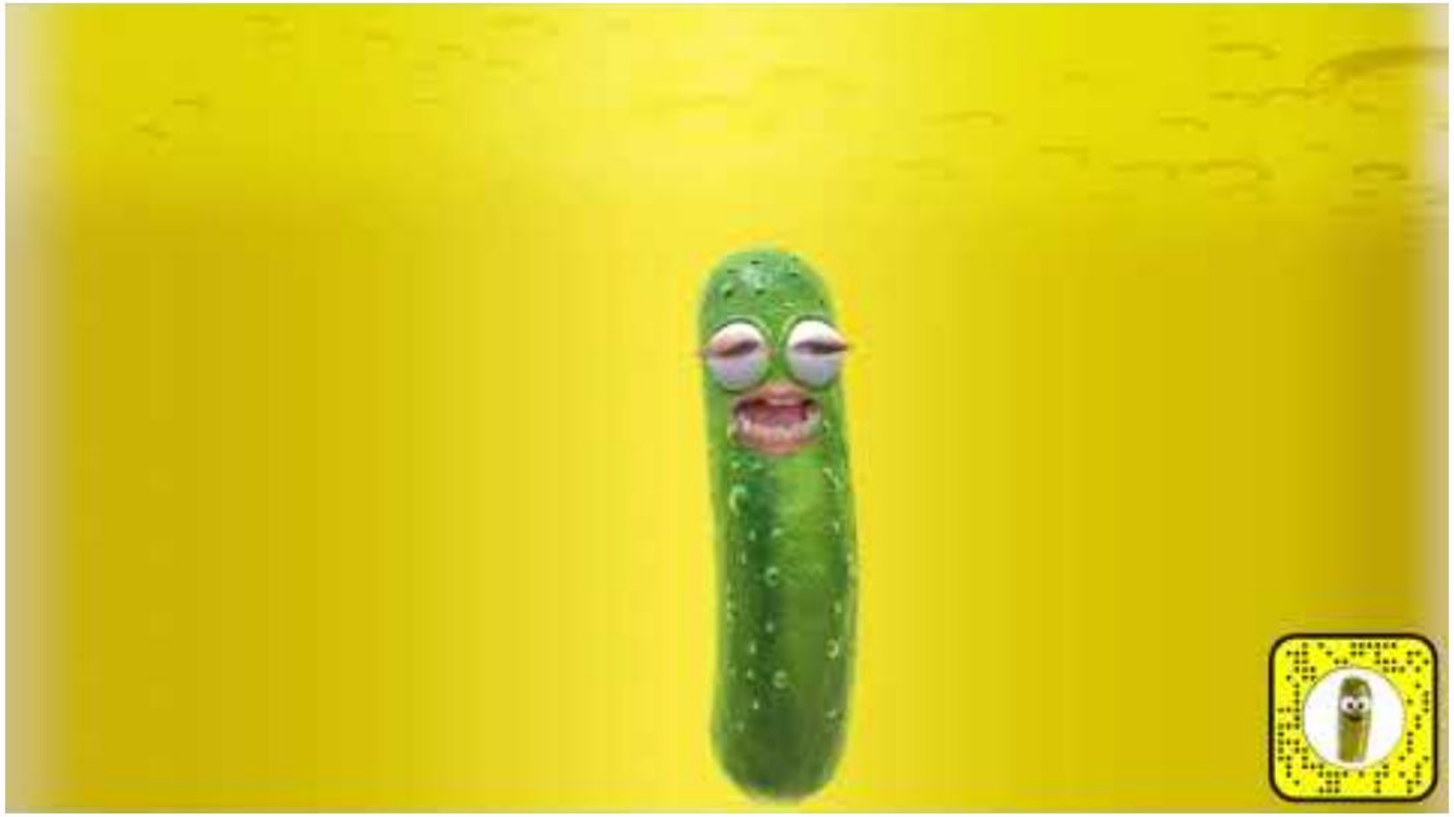


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Leaderboard



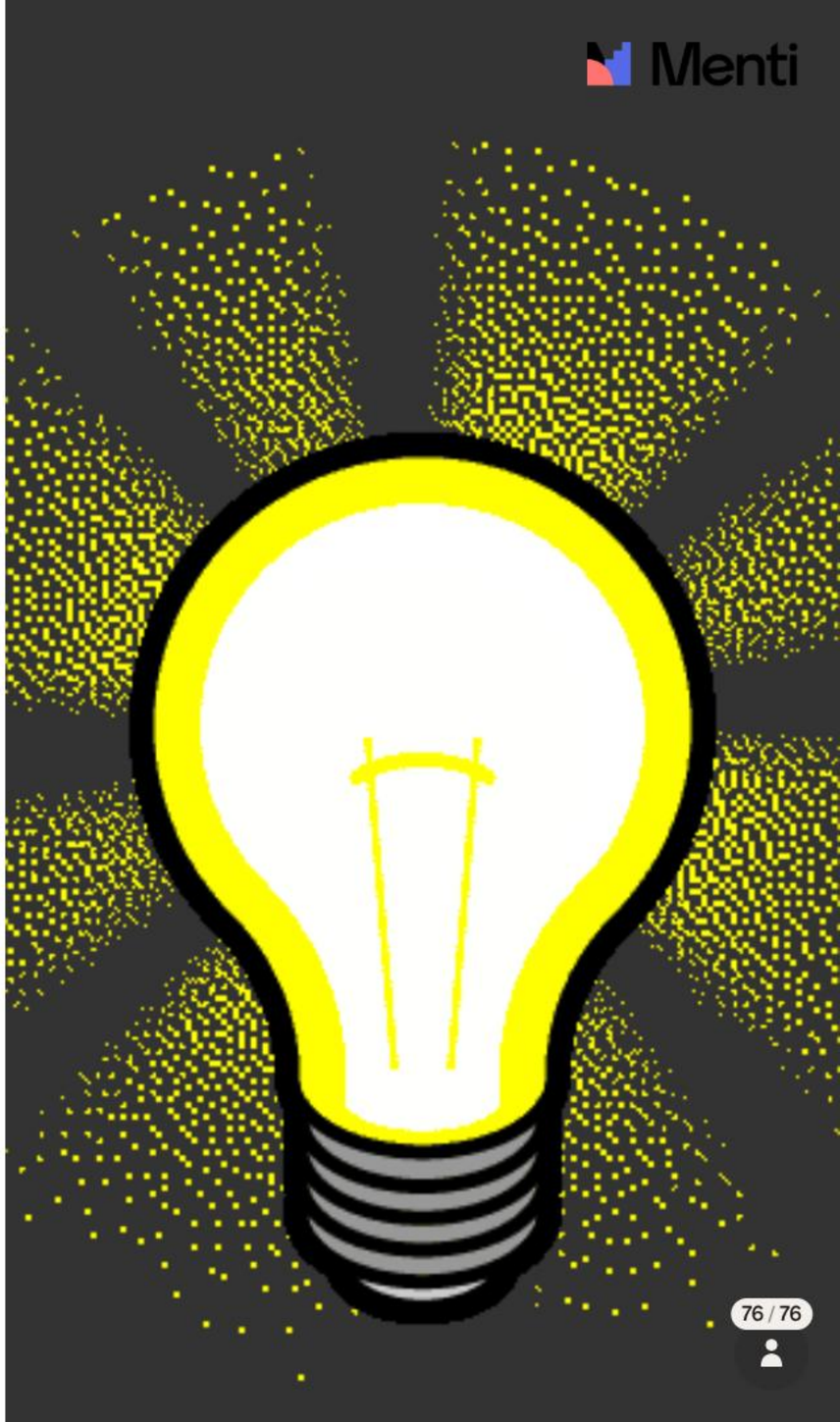
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If all else fails, become a pickle.

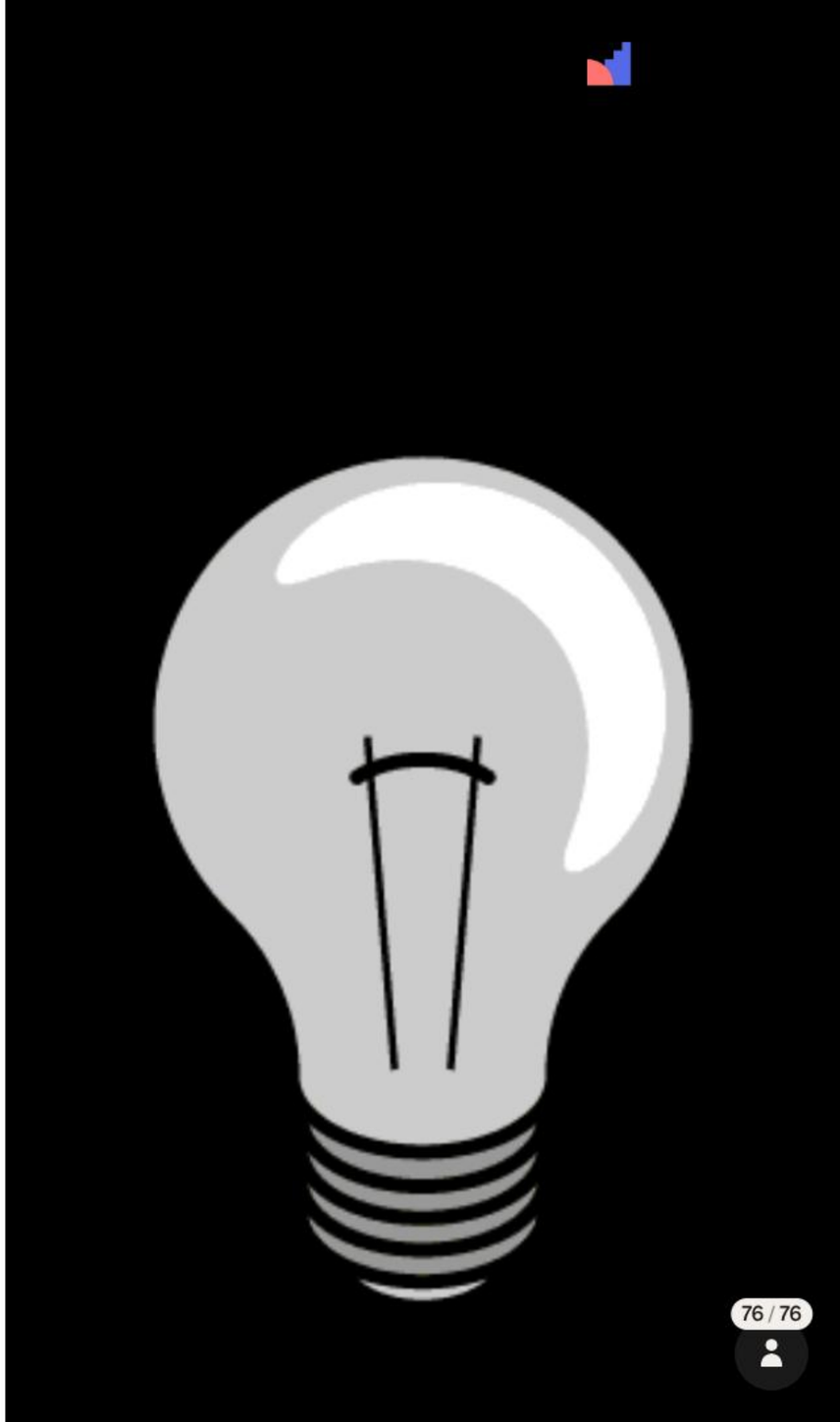
What was the best idea you've gained in our session?

Pickle filters for sure	I've got a secret ID	Qr codes	I loved the open ended questions
Secret identity	How to ask questions activity!!	What changed	Do pr don't



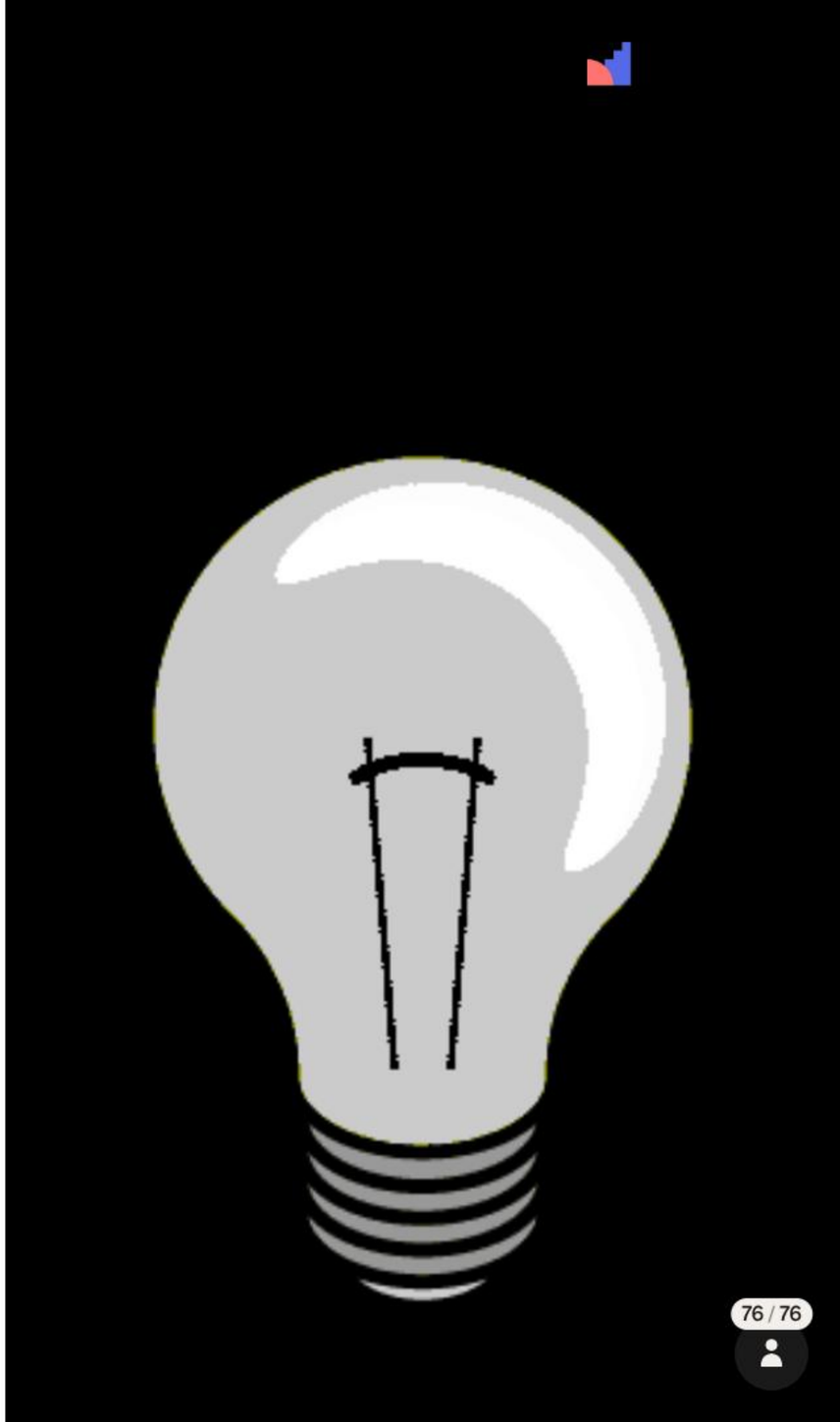
What was the best idea you've gained in our session?

The wet toilet paper activity	start with something safe	dos and don't dos	Gaming reels students in
Toilet paper skin	Attention to detail	Pictures	Picture comparison



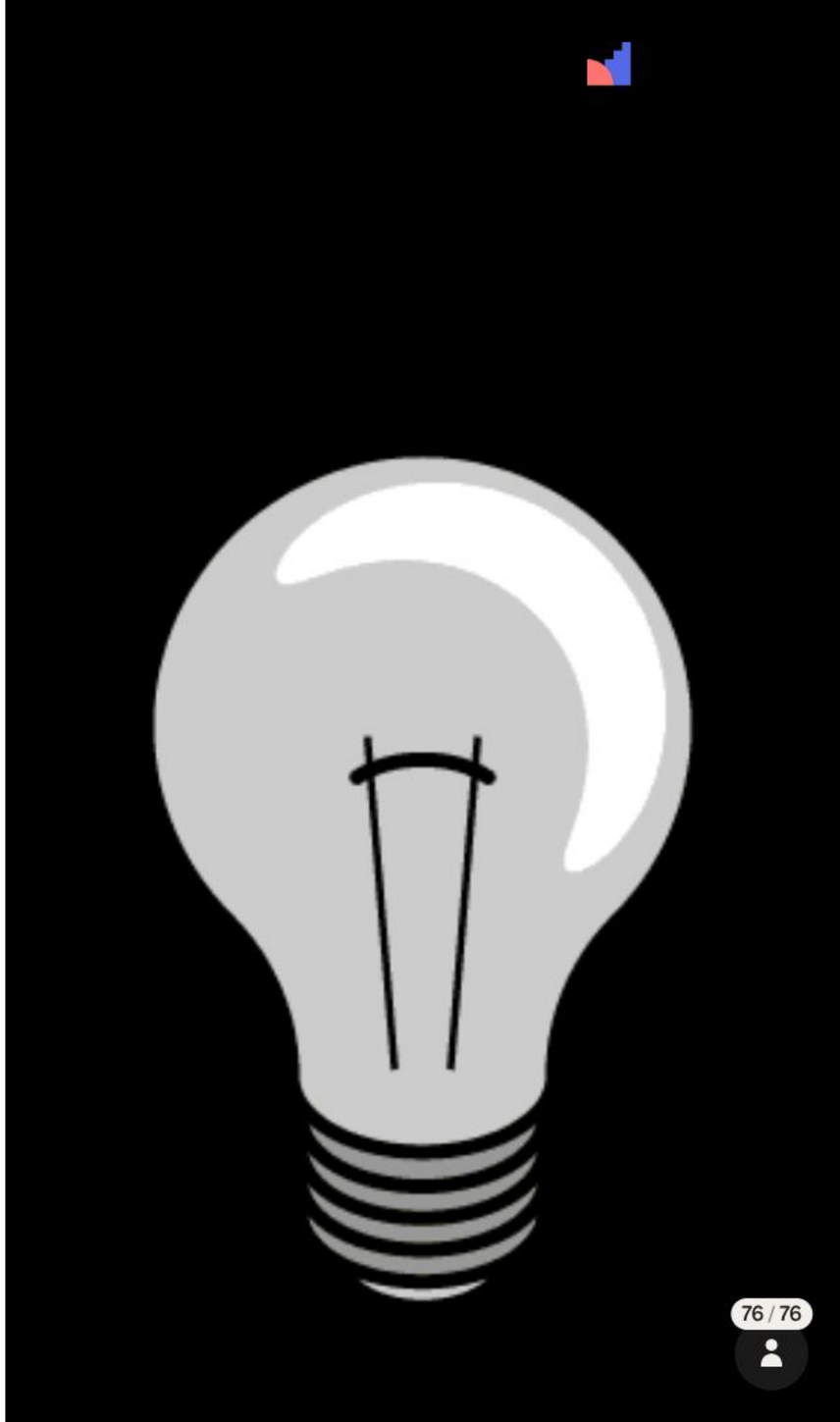
What was the best idea you've gained in our session?

Do or don't do	Pictures-- what's changed	Spotting the difference	Pickles
Do or Don't Do	Do and don't	Critical thinking games	Utilize brain teasers to warm up the brain



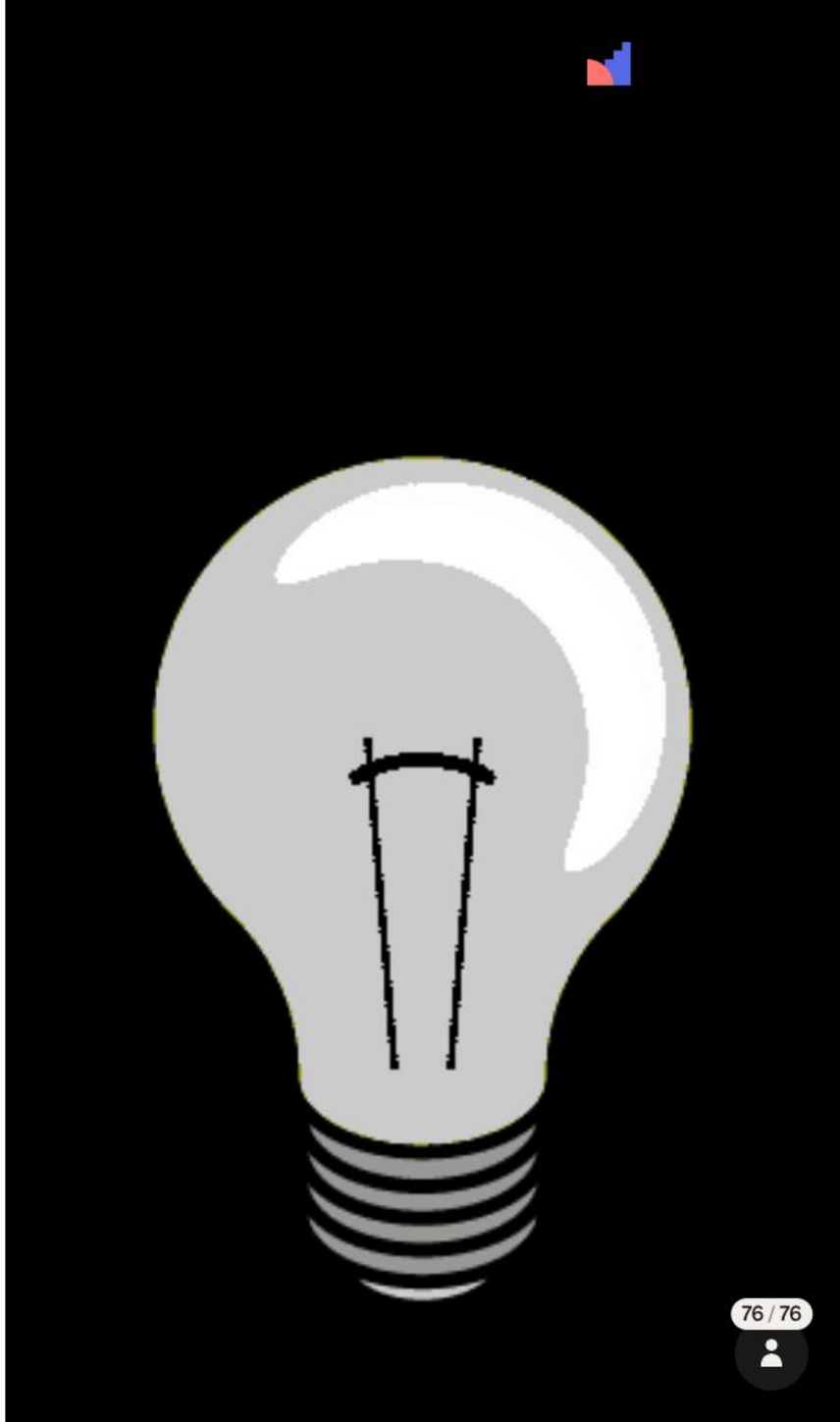
What was the best idea you've gained in our session?

Secret identity	Do and donts	Brain teaser openers	Guess the diagnosis
The “what changed pictures”	Critical thinking to create open ended questions	Do or dont questions	Secret identify! Do or don’t do!



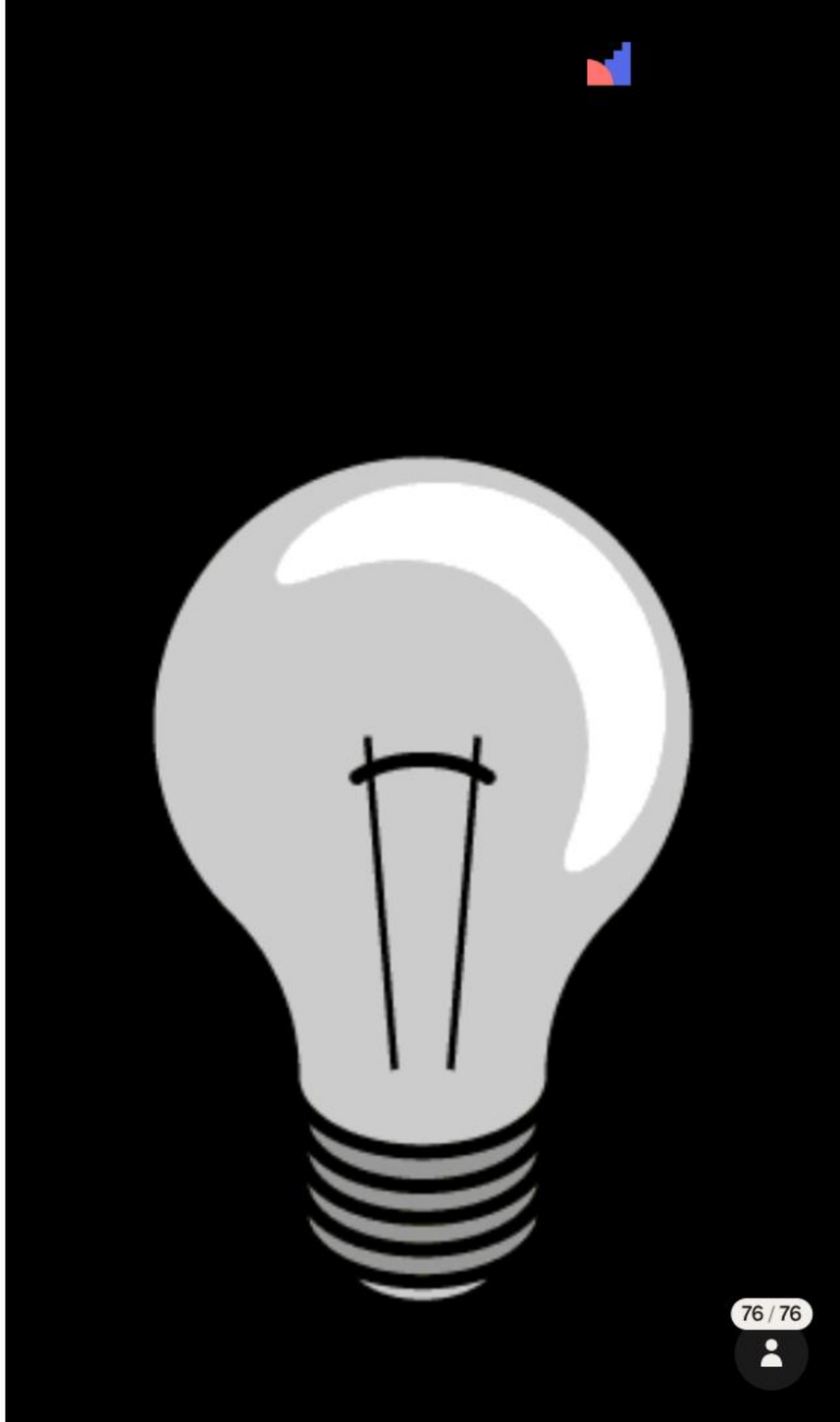
What was the best idea you've gained in our session?

Using pictures to illustrate assessment	QR codes	Do or don't do	Engaging students
Secret identity	Secret ID	Know your environment	Do and don't do



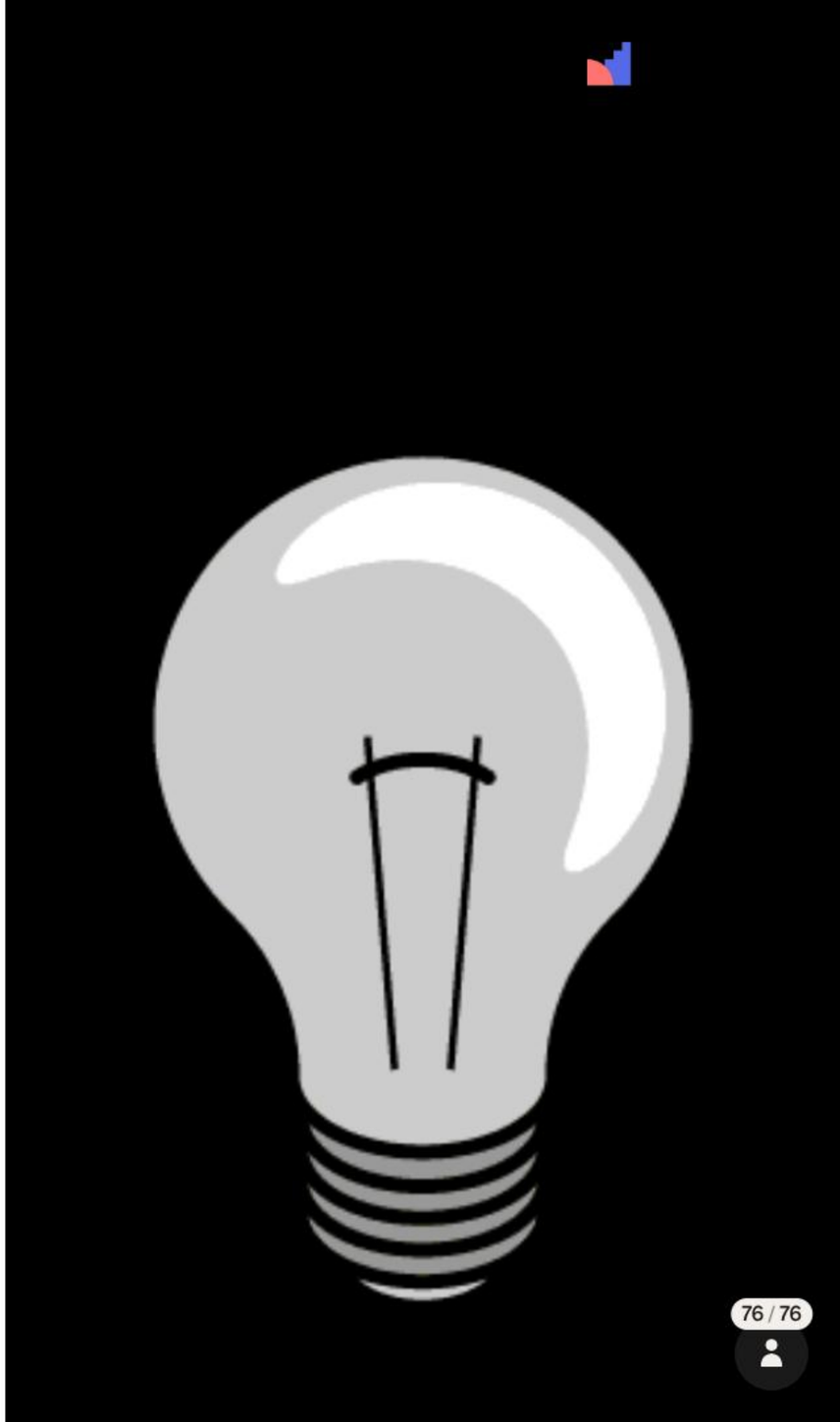
What was the best idea you've gained in our session?

For better or worse	Guess the condition game	Altered skin integrity exercise	Do what ever it takes to engage them
For better or worse	Secret identity	be the pickle	QR codes



What was the best idea you've gained in our session?

Identify	Open ended question with post it notes	Pickle filter	QR codes on low fidelity manikin
QR code creator to use in multiple way.	QR codes	skin breakdown-TP exercise	Secret identity



What was the best idea you've gained in our session?

Do or don't.

Secret identity

I need to do observation practice exercises 🤦‍♀️

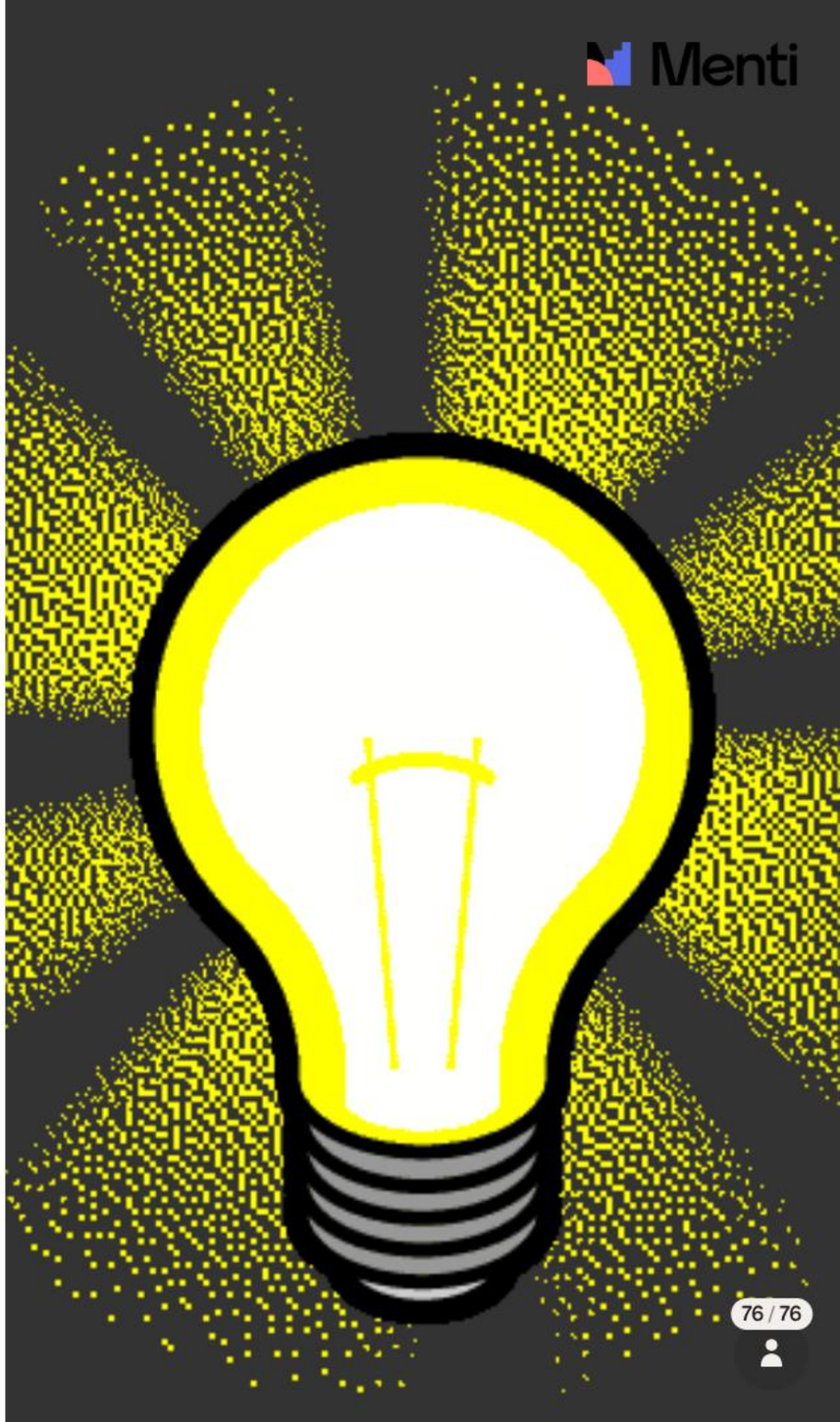
2 pictures....what changed. To get them watching change in patients.

Guess the condition

Looking at photos with changes

pictures with changes

Secret identity



What was the best idea you've gained in our session?

Skin breakdown example

Paper TP and water to show skin breakdown

The process of making groups. I have a group project and I'm doing every step beginning with what's one thing that made you happy today.

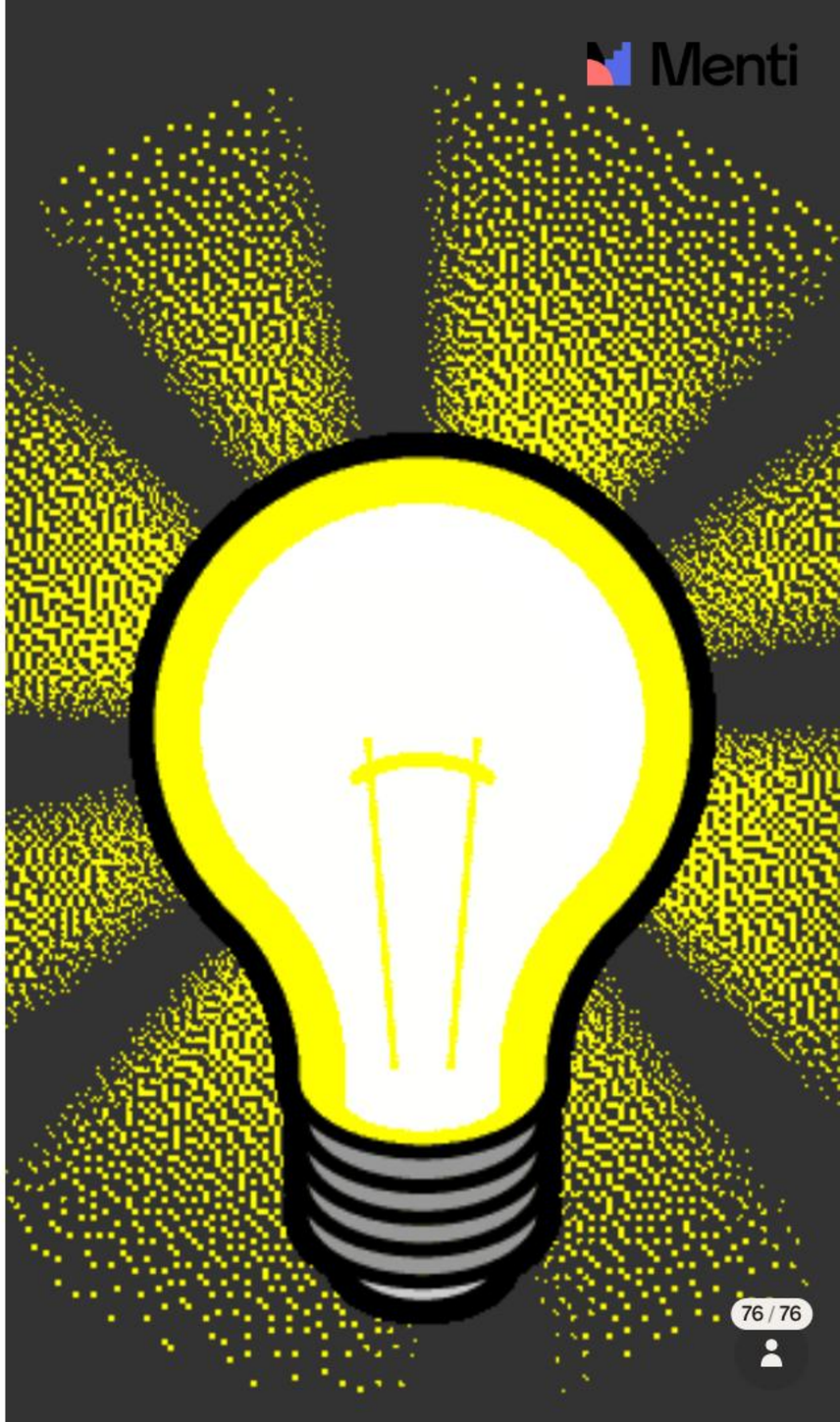
Do or Don't Do, review a photo to see what has changed. The pickle filter.

The skin breakdown example.

Open ended vs yes or no

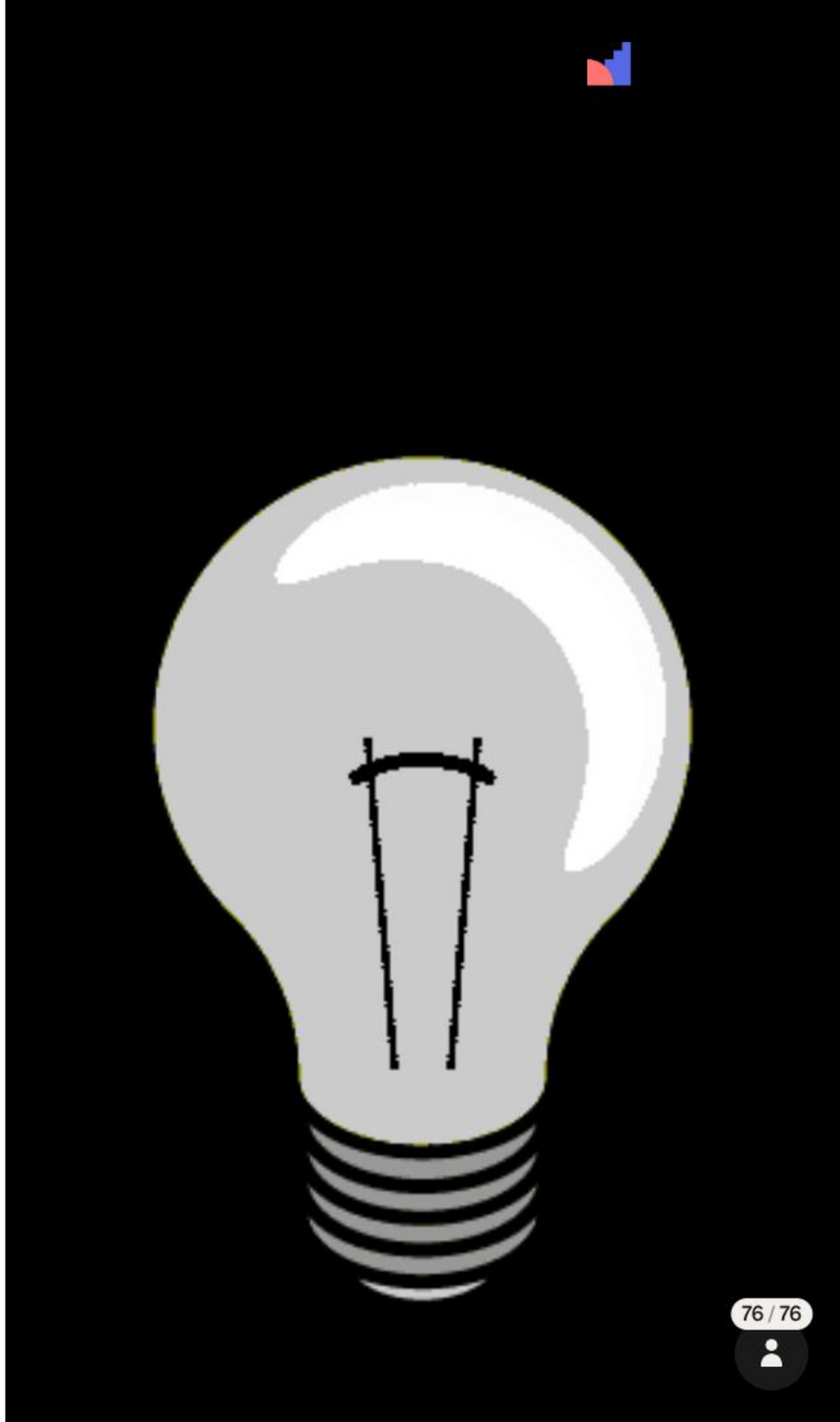
Use if QR codes in simulation lab

Online platforms to reinforce information



What was the best idea you've gained in our session?

Secret Disease	Do or don't do	Gess the diagnosis	Skin and water example
Brain teasers	QR codes	using QR codes	Innovation beats memorizatio n



What was the best idea you've gained in our session?

Warm Up Activities

Identifying changes Quick, easy, a lower level learning that builds that part of the nursing brain

Pictures what's the difference

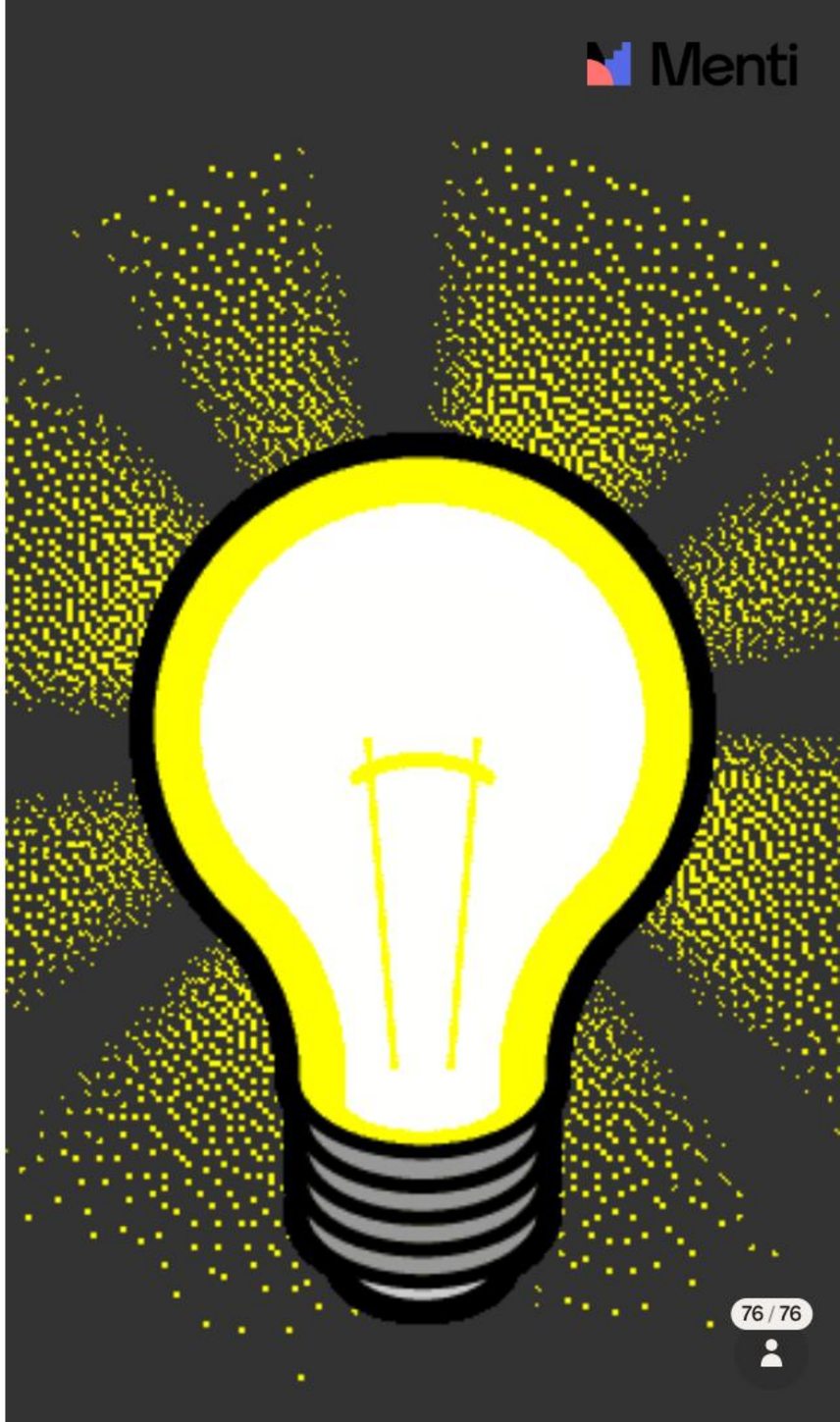
Do or Don't Do

Ketchup!

Liked it all. The do's and the don't. They what changed. Secret ID. Yes and not- vs open ended questions.

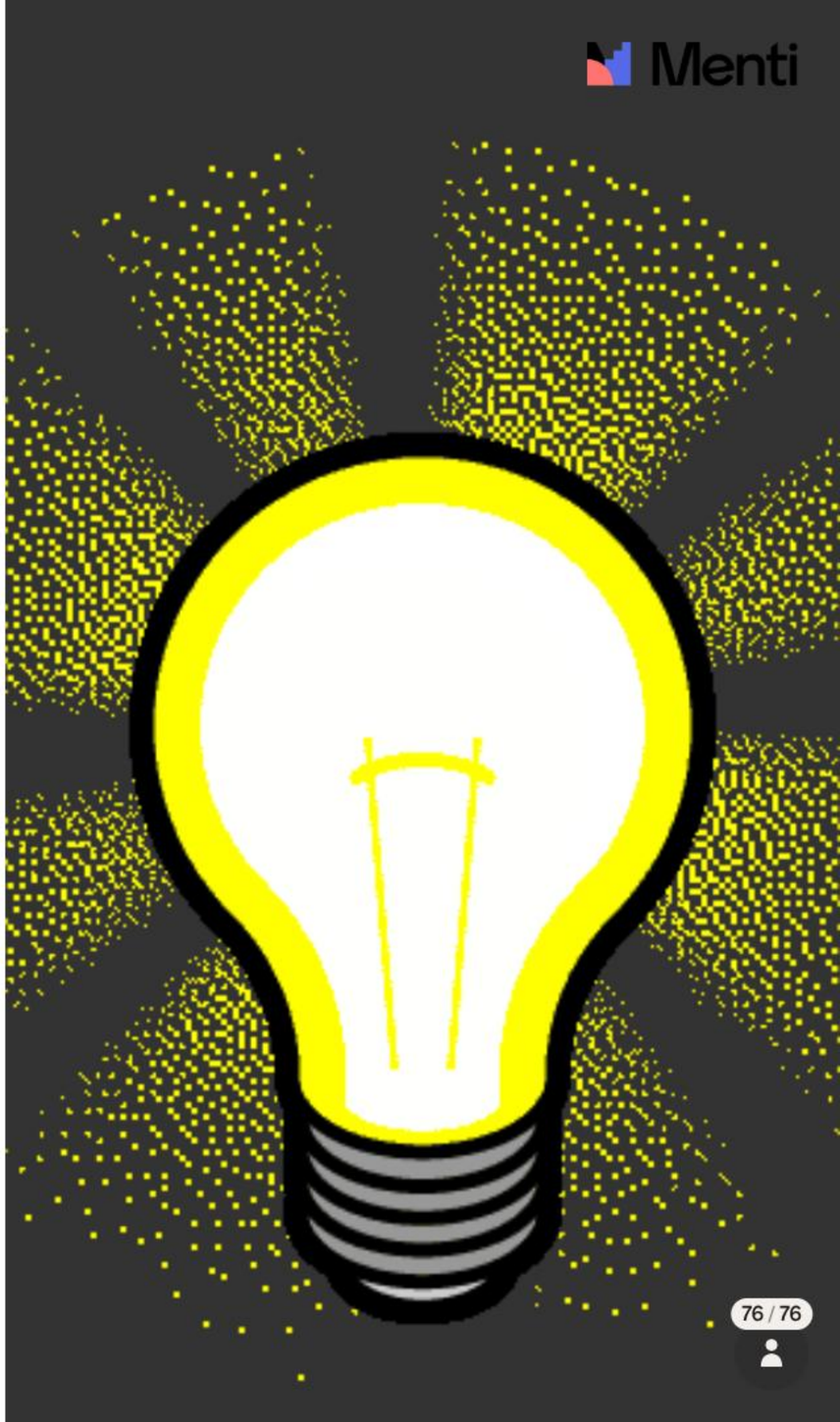
Do and donts mapping

QR, maps, identity, difference, do or don't



What was the best idea you've gained in our session?

- QR codes
- All of the activities we can use
- QR Code
- There were so many



Menti

Thank you for inviting me today! Thank you, TAVNE!!!

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