JEOPARDY!

$100	$100	$100	$100	$100
$200	$200	$200	$200	$200
$300	$300	$300	$300	$300
$400	$400	$400	$400	$400
$500	$500	$500	$500	$500

Pharmacokinetics

Beers Criteria

Neuro/Psych

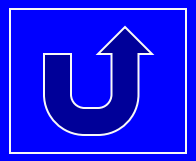
Falls

Misc

Kinetics	Beers	Neuro Psych	Falls	Misc
$100	$100	$100	$100	$100
$200	$200	$200	$200	$200
$300	$300	$300	$300	$300
$400	$400	$400	$400	$400
$500	$500	$500	$500	$500

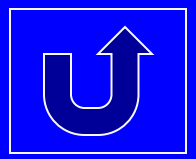
CATEGORY 1 - $100

These changes in body composition affect distribution of many medications in the elderly.



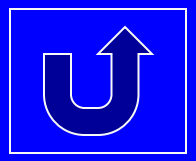
CATEGORY 1 - $200

This seizure medication is highly protein bound to albumin, and serum concentrations must be adjusted to calculate the patient's corrected level.



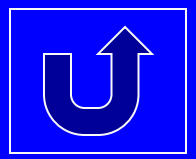
CATEGORY 1 - $300

This antibiotic class requires renal dose adjustment and can cause mental status changes in the elderly



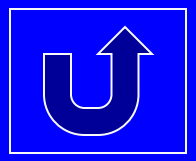
CATEGORY 1 - $400

This nutritional supplement is commonly used in older patients. It's absorption may be decreased by achlorhydria in older patients or by the use of PPIs.



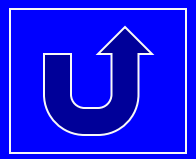
CATEGORY 1 - $500

These 2 age-associated changes in hepatic function affect drug metabolism in the elderly.



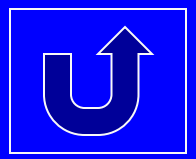
CATEGORY 2 - $100

This class of antidepressants is on the Beers Criteria as Potentially Inappropriate due to strong anticholinergic effects, risk of orthostasis, and mental status changes



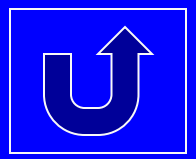
CATEGORY 2 - $200

This prokinetic agent is often used for gastroparesis or other issue of GI motility, but it is on the Beers Criteria due to risk of EPS.



CATEGORY 2 - $300

This class of antihypertensives is listed as a Beers Criteria potential drug-disease interaction for patients with constipation.

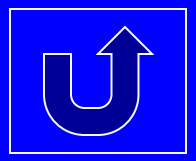


CATEGORY 2 - $400

Beers Criteria recommends using these 2 psychotropic medication classes with caution and close monitoring due to risk of SIADH or hyponatremia

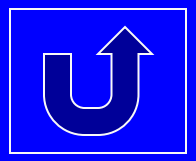
CATEGORY 2 - $500

How does Beers criteria describe the role of aspirin in older patients?



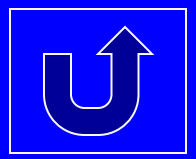
CATEGORY 3 - $100

While benzodiazepines are best avoided in the elderly, these 3 are the best options for short term use.



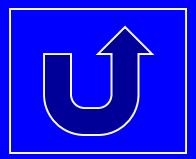
CATEGORY 3 - $200

This SSRI is the most anticholinergic, most sedating, and most likely to cause weight gain.



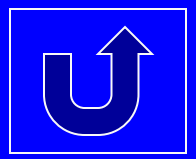
CATEGORY 3 - $300

This SSRI has an active metabolite, a very long half-life, and may suppress appetite and impair sleep.



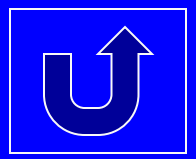
CATEGORY 3 - $400

This class of psychotropic medications should be avoided in patients with Parkinson's Disease as they may exacerbate Parkinson's symptoms.



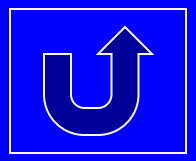
CATEGORY 3 - $500

These 3 agents or classes of medications are very anticholinergic and can cause delirium or impaired cognition.



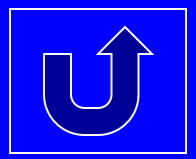
CATEGORY 4 - $100

This vitamin MAY be beneficial in preventing falls and fractures in older patients.



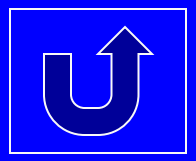
CATEGORY 4 - $200

Agents in this class of osteoporosis medications are considered first line for fracture prevention.



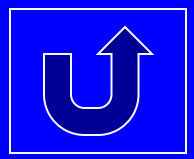
CATEGORY 4 - $300

These 2 complications of diabetes can increase fall risk in the elderly.



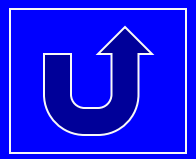
CATEGORY 4 - $400

This class of diabetes medications has been shown to increase fracture risk.



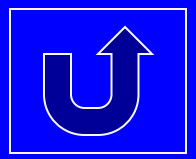
CATEGORY 4 - $500

This commonly used class of psychotropic medications has been associated with increased fracture risk.



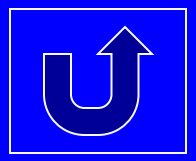
CATEGORY 5 - $100

Although used in managing delirium, this class of medications carries a black box warning for increased morbidity and mortality in the elderly



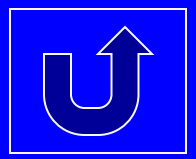
CATEGORY 5 - $200

Term for multiple medications used in an elderly patient that may increase the risk of adverse drug reactions



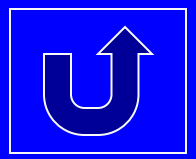
CATEGORY 5 - $300

This medication used for atrial fibrillation and heart failure can cause anorexia and delirium in the elderly.



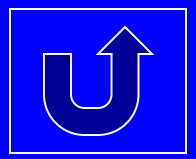
CATEGORY 5 - $400

This term describes what happens when medications are prescribed to treat side effects of other medications, and can lead to polypharmacy



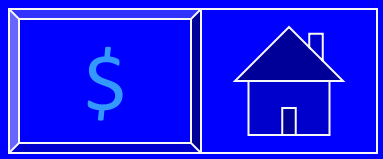
CATEGORY 5 - $500

This class of drugs may increase risk of pneumonia, fractures, and *c. difficile* infections in the elderly.



CATEGORY 1 - $100

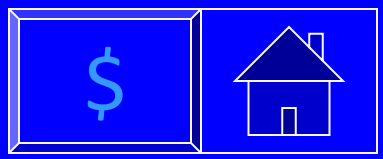
Increased body fat and decreased total body water



CATEGORY 1 - $200

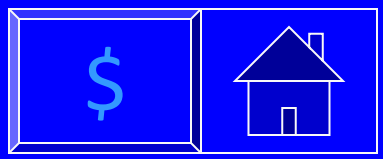
Phenytoin

$$\text{Concentration}_{\text{corrected}} = \frac{\text{Concentration}_{\text{measured}}}{0.2\ (\text{albumin}) + 0.1}$$



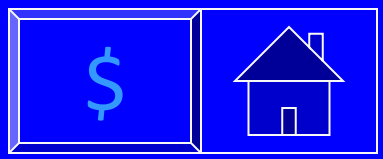
CATEGORY 1 - $300

Quinolones



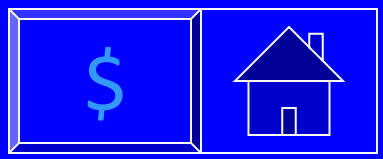
CATEGORY 1 - $400

Calcium carbonate



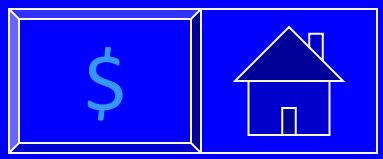
CATEGORY 1 - $500

- Reduced hepatic perfusion
- Reduced liver mass
- Decreased enzymatic activity



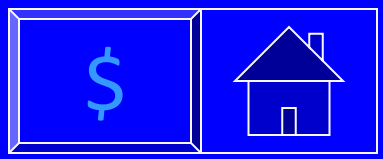
CATEGORY 2 - $100

Tricyclic Antidepressants



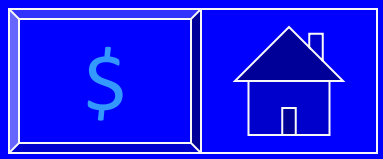
CATEGORY 2 - $200

Metoclopramide



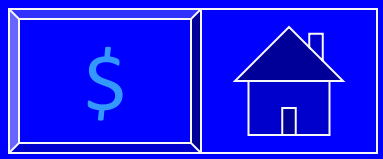
CATEGORY 2 - $300

Calcium Channel Blockers

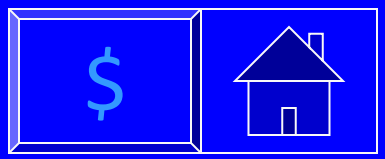


CATEGORY 2 - $400

SSRIs
SNRIs
TCAs
Mirtazapine
Antipsychotics



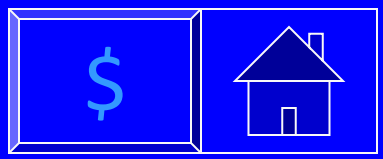
- PIM for primary prevention of cardiac events age $\geq$ 80
- Aspirin > 325 mg daily (especially with h/o GU or DU)



CATEGORY 3 - $100

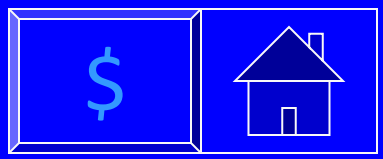
Lorazepam
Oxazepam
Temazepam

The half-life of diazepam in the elderly may be as long as 105 hours!



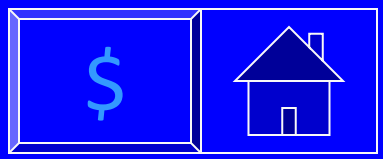
CATEGORY 3 - $200

Paroxetine



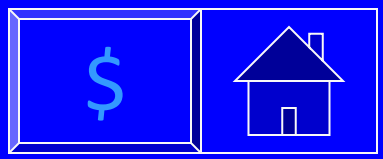
CATEGORY 3 - $300

Fluoxetine



CATEGORY 3 - $400

Conventional/First Generation Antipsychotics
(e.g. haloperidol, thioridazine)



CATEGORY 3 - $500

Diphenhydramine, Hydroxyzine

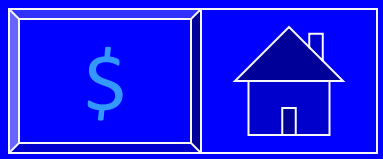
Tricyclic antidepressants (TCA)

Antipsychotics

Muscle relaxers

Antidiarrheals

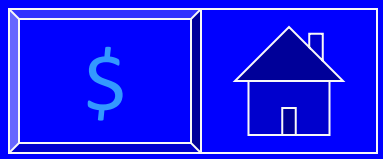
Promethazine and other phenothiazines



CATEGORY 4 - $100

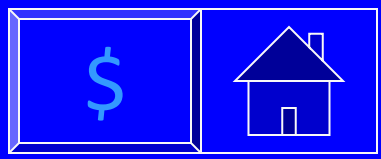
Vitamin D

800 IU daily MAY be beneficial in preventing falls and fractures



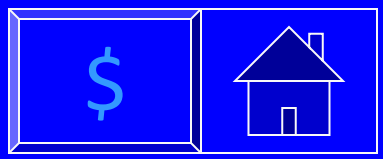
CATEGORY 4 - $200

Bisphosphonates



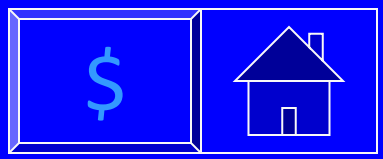
CATEGORY 4 - $300

Retinopathy
Neuropathy (peripheral, autonomic)
Hypoglycemia



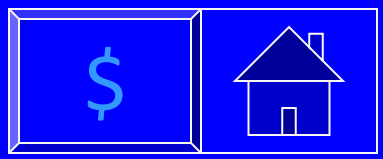
CATEGORY 4 - $400

Glitazones/TZDs
(Rosiglitazone, Pioglitazone)



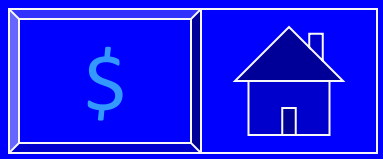
CATEGORY 4 - $500

SSRIs



CATEGORY 5 - $100

Antipsychotics



CATEGORY 5 - $200

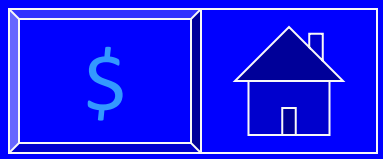
Polypharmacy

The risk of adverse events in the elderly increases with number of medications

5 medications – 4 %

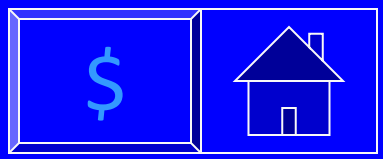
6-10 medications – 10 %

11-15 – 28 %



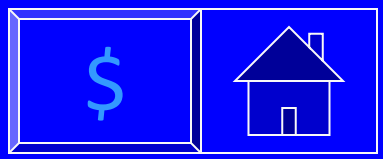
CATEGORY 5 - $300

Digoxin



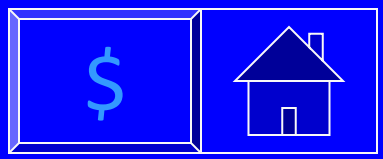
CATEGORY 5 - $400

Prescribing Cascade



CATEGORY 5 - $500

Proton Pump Inhibitors

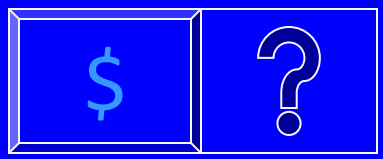


FINAL JEOPARDY!

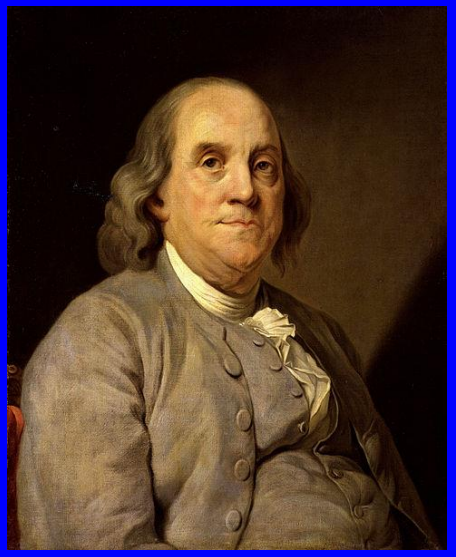
FINAL CATEGORY

FINAL CATEGORY

This famous senior invented bifocal glasses at the age of 78



FINAL CATEGORY



Benjamin Franklin

Inventor, statesman, and ambassador invented bifocal glasses when he was 78 years old!

$

END OF GAME

Daily Doubles and
usage notes follow...

DAILY DOUBLE

$

DAILY DOUBLE

$

DAILY AUDIO DOUBLE

$

DAILY VIDEO DOUBLE

$

Contestant 1

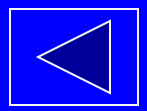
$ 0

Contestant 2

$ 0

Contestant 3

$ 0



JEOPARDY! Slide Show Setup

- The font for the question & answer slides is “Enchanted;” a copy of this font in located in the “REAL Jeopardy Template” folder or included in the “jeopardy_pc.zip” file. (This font will need to be installed in the C:/WINDOWS/FONTS folder of the computer running the show.) In order to keep all of the sounds and fonts together, copy the entire “REAL Jeopardy Template” folder or “jeopardy_pc.zip” file.
- To change the categories:
  - 1. Go to the “Edit”menu and choose “Replace…”
  - 2. In the Find box, type CATEGORY X (X being 1 through 5) (all caps).
  - 3. In the Replace box, type the category in all caps (for example, PRESIDENTS).
  - 4. Click Replace All…
- To change the dollar values (for example to create Double Jeopardy):
  - 1. Go to the “Edit” menu and choose “Replace…”
  - 2. In the Find box, type $X (the dollar value you want to change).
  - 3. In the Replace box, type the new dollar value (with $).
  - 4. Click Replace All...

JEOPARDY! Slide Show Setup continued

- To set up the Daily Double:
  - 1. Choose which dollar value(s) to set as Daily Double (normally, Jeopardy has one Daily Double, and Double Jeopardy has two).
  - 2. Go to the Game Board slide (Slide 8), right click once on the dollar value for the appropriate question, choose Hyperlink, and choose Edit Hyperlink.
  - 3. In the Edit Hyperlink window, go to “Named location in file” and click “Browse…”
  - 4. In the Hyperlink to Slide window, scroll down to the appropriate slide; Slides 64 and 65 are regular Daily Doubles, Slide 66 is an Audio Daily Double, Slide 67 is a Video Daily Double. Click “OK.”
  - 5. Go to the Daily Double slide just linked to, and right click once on the answer arrow at the bottom right, choose Hyperlink, and choose Edit Hyperlink.
  - 6. In the Action Settings window, make sure the Hyperlink button (to the left of “Hyperlink”) is selected, and in the select box underneath choose “Slide…”
  - 7. In the Hyperlink to Slide window, scroll down to the appropriate question slide (the original slide number of the question).
- NOTE: Using the Audio and Video Daily Doubles requires adding audio or video/picture clips to the question slides. If you are not familiar with doing this in PowerPoint, do not use those Daily Doubles.

Running the JEOPARDY! Slide Show

- On the game board with the categories on top (Slide 8), click on the desired dollar value. (The first game board is used only to blink in the dollar values like the show.)
- The question slide will pop up; the slides are timed with an eight-second timer. At the end of the timer, an alarm will chime.
- ICONS:
  - **?** Go to the answer screen.
  - **House** Go back to the game board.
  - **Right Arrow** (on Daily Doubles) Go to the question screen.
  - **Right Arrow w/ Bar** (on Game Board) Go to the Final Jeopardy category.
  - **Turned-up Arrow** Reload question screen after incorrect guess.
  - **$** Go to the Scoreboard slide.
  - **Left Arrow** (on Scoreboard) Go to the previous slide.

“Jeopardy!”
Powerpoint Template

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Version 1.0 - Last updated 9 June, 2000

The graphics and sounds used in this template are recorded from the “Jeopardy!” television show, were obtained from the “Jeopardy!” website, and are the property of Sony Pictures Entertainment.

Visit http://www.geocities.com/jcteacher for updated versions!