

# R·A·D·I·O·L·O·G·Y

## THE CONTEST

Get ready for some fast-paced R·A·D·I·O·L·O·G·Y trivia excitement! Test your and your colleagues' knowledge on the history of imaging in this electrifying trivia competition.

### Instructions:

1. **Gather Your Colleagues:** Split your crew into 2-3 teams.
1. **Choose Your Host:** Someone needs to play the role of the quiz master. The host will be responsible for reading out each question and keeping the game flowing smoothly.
1. **Set Up the Game Board:** We recommend printing and organizing the game pieces in Jeopardy® format.
1. **Decide Who Goes First:** Determine which team will start by flipping a coin; someone has to call it in the air.
1. **Start the Game:** The first team will pick a Category and Clue Value (200-800). After the host reads the question and all possible answers, it's a race! The first team to raise their hand and shout out the correct answer wins those points and gets to choose the next question.
1. **Lightning Round:** In case of a tie, the host will ask a bonus question in the Lightning Round.

Continue this process with each team taking turns selecting categories and clue values. The more points you earn, the closer you get to claiming the title of Trivia Champion! When all questions have been answered, the team with the most points will be crowned the Ultimate R·A·D·I·O·L·O·G·Y Trivia Master and you may even take the other team's breakroom!

**Lightning Round:** *In case of a tie (or if you're just in the mood for some extra fun), the host will ask a bonus question in the lightning round.*

**Fears & PET Peeves**

**200**

**Fears & PET Peeves**

**400**

**Fears & PET Peeves**

**600**

**Fears & PET Peeves**

**800**

## Fears & PET Peeves

400

True or False: In 1999, the FDA launched its Initiative to Reduce Unnecessary Radiation Exposure from Medical Imaging, which brought more attention to reducing radiation dose with CT scans.

False; Correct answer: 2010

## Fears & PET Peeves

200

The American College of Radiology and the Society for Breast Imaging recommend that women receive annual mammograms starting at what age?

- A. 20
- B. 35
- C. 40
- D. 55

C

## Fears & PET Peeves

800

The first hybrid PET/MRI system for humans, created by Siemens, was installed in what year?

- A. 1988
- B. 1998
- C. 2008
- D. 2018

C

## Fears & PET Peeves

600

True or False: In 1974, American Biophysicist Dr. Michael E. Phelps developed the first positron emission tomography (PET) camera and the first whole-body system for human and animal studies.

True

**AnCienT History**

**200**

**AnCienT History**

**400**

**AnCienT History**

**600**

**AnCienT History**

**800**

## **AnCient History**

400

How many CT had been performed by 1980?

- A. 3
- B. 300
- C. 300,000
- D. 300,000,000

a

## **AnCient History**

200

Who invented the first CT scanner in 1967?

- A. Sir Elton John
- B. Sir Isaac Newton
- C. Sir Godfrey Hounsfield
- D. Sir Alexander Fleming

c

## **AnCient History**

800

Where was the first patient brain CT scan performed?

- A. Boston, Massachusetts
- B. Wimbledon, England
- C. Dublin, Ireland
- D. Sidney, Australia

B

## **AnCient History**

600

True or False: CT scans are used for many different uses but is best for quickly examining patients who may have sustained external injuries.

False: Internal injuries

Literature

**200**

Literature

**400**

Literature

**600**

Literature

**800**

## Literature

400

True or False: The Journal of American Medical Association reported in 2014 that 3D mammography technology finds significantly more invasive cancers than a traditional mammogram.

True

## Literature

200

Paul Lauterbur and the Invention of \_\_\_\_\_ was written by his widow, M. Joan Dawson.

- A. CT
- B. PET
- C. C-Arm
- D. MRI

D

## Literature

800

Jacob Gershon-Cohen and pathologist Helen Ingleby published the first standard work on mammography in what year?

- A. 1930
- B. 1960
- C. 1990
- D. 2010

B

## Literature

600

Time Magazine recognized Siemens Healthcare's world's first commercial PET-CT, Biograph, as Invention of the Year in what year?

- A. 1950
- B. 1970
- C. 2000
- D. 2020

C

**It's All Relative**

**200**

**It's All Relative**

**400**

**It's All Relative**

**600**

**It's All Relative**

**800**



### **It's All Relative**

400

This mother of modern physics developed the mobile X-ray.

- A. Elizabeth Cady Stanton
- B. Florence Nightingale
- C. Marie Curie
- D. Edith Quimby

C

### **It's All Relative**

200

Who is considered to be the "Father of Radiology"?

- A. Wilhelm Roentgen
- B. Christian Doppler
- C. Winston Churchill
- D. Godfrey Hounsfield

A

### **It's All Relative**

800

Philip Strax's passion to fight and cure breast cancer was ignited after losing which woman in his life?

- A. Mother
- B. Grandmother
- C. Sister
- D. Wife

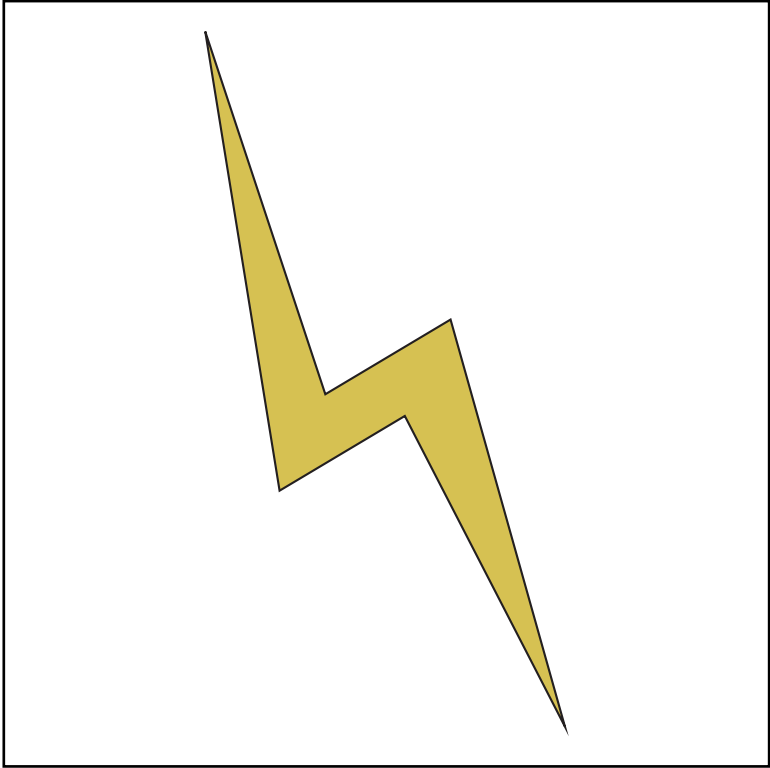
D

### **It's All Relative**

600

True or False: The Nobel Prize in Physiology or Medicine was jointly awarded to Paul Lauterbur and Peter Mansfield in 2003 for their discoveries in MRI.

True





The MRI was originally called NMR, what did the N stand for?

- A. Nucleus
- B. Nuclear
- C. Nano
- D. Nervous

# RADIOLOGY

## THE CONTEST

### Instructions:

1. **Gather Your Friends:** Just like how the gang always met at Central Perk, gather your own crew and split into 2-3 teams. Each team should channel their inner Ross, Rachel, Monica, Chandler, Joey, or Phoebe.
2. **Choose Your Host:** Someone's got to play the role of the quiz master—think of it as being the “Monica” of the game, taking control! The host will be responsible for reading out each question and keeping the game flowing smoothly.
3. **Set Up the Game Board:** You can print out or display the game board on a screen. Make sure everyone can see it—no peeking over someone's shoulder like Joey does when he's trying to steal food.
4. **Prepare to Score:** Equip each team with a dry-erase board or some paper and a pen. You'll need these to keep track of those important points. Remember, “The One with the Highest Points Wins!”
5. **Decide Who Goes First:** Determine which team gets to start. It could be the team that knows what Chandler's job is. Just kidding—pick any method you like!
6. **Start the Game:** The first team will pick a Category and Clue Value (200-800). After the host reads the question and all possible answers, it's a race! The first team to raise their hand and shout out the correct answer, like “transponster” wins those points and gets to choose the next question.

Continue this process, with each team taking turns selecting categories and clue values. The more points you rack up, the closer you get to claiming the title of trivia champion! When all the questions have been answered, the team with the most points will be crowned the ultimate RADIOLOGY trivia master and you may even take the other team's breakroom!

**Lightning Round:** *In case of a tie (or if you're just in the mood for some extra fun), the host will ask a bonus question in the lightning round. Get ready for some fast-paced, Joey-eating-a-sandwich level of excitement!*

### Categories:

- Fears & PET Peeves
- anCienT history
- Literature
- It's All Relative
- Bonus: Lightning Round

### Game Board Design:

Each rectangle from top to bottom 200, 400, 600, 800

- **Green** – Fears & PET Peeves
- **Pink** – anCienT history
- **Yellow** – Literature
- **Purple** – It's All Relative
- **Bonus:** Lightning Round

# H·O·S·T K·E·Y

## Fears & PET Peeves

### 200 – Fears & PET Peeves

The American College of Radiology and the Society for Breast Imaging recommend that women receive annual mammograms starting at what age?

- A. 20
- B. 35
- C. 40**
- D. 55

### 400 – Fears & PET Peeves

True or False: In 1999, the FDA launched its Initiative to Reduce Unnecessary Radiation Exposure from Medical Imaging, which brought more attention to reducing radiation dose with CT scans. **False; Correct answer: 2010**

### 600 – Fears & PET Peeves

True or False: In 1974, American Biophysicist Dr. Michael E. Phelps developed the first positron emission tomography (PET) camera and the first whole-body system for human and animal studies. **True**

### 800 – Fears & PET Peeves

The first hybrid PET/MRI system for humans, created by Siemens, was installed in what year?

- A. 1988
- B. 1998
- C. 2008**
- D. 2018

## AnCienT History

### 200 – AnCienT History

Who invented the first CT scanner in 1967?

- A. Sir Elton John
- B. Sir Isaac Newton
- C. Sir Godfrey Hounsfield**
- D. Sir Alexander Fleming

### 400 - AnCienT History

How many CT had been performed by 1980?

- A. 3
- B. 300
- C. 300,000
- D. 300,000,000**

### 600 – AnCienT History

True or False: CT scans are used for many different uses but is best for quickly examining patients who may have sustained external injuries. **False: Internal injuries**

# H·O·S·T K·E·Y

## 800– AnCienT History

Where was the first patient brain CT scan performed?

- A. Boston, Massachusetts
- B. Wimbledon, England**
- C. Dublin, Ireland
- D. Sidney, Australia

## Literature

### 200–Literature

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- A. CT
- B. PET
- C. C-Arm
- D. MRI**

### 400–Literature

True or False: The Journal of American Medical Association reported in 2014 that 3D mammography technology finds significantly more invasive cancers than a traditional mammogram. **True**

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- B. 1960**
- C. 1990
- D. 2010

## It's All Relative

### 200 – It's All Relative

Who is considered to be the "Father of Radiology"?

- A. Wilhelm Roentgen**
- B. Christian Doppler
- C. Winston Churchill
- D. Godfrey Hounsfield

# H·O·S·T K·E·Y

## 400 – It's All Relative

This mother of modern physics developed the mobile X-ray.

- A. Elizabeth Cady Stanton
- B. Florence Nightingale
- C. Marie Curie**
- D. Edith Quimby

## 600 – It's All Relative

True or False: The Nobel Prize in Physiology or Medicine was jointly awarded to Paul Lauterbur and Peter Mansfield in 2003 for their discoveries in MRI. **True**

## 800 – It's All Relative

Philip Strax's passion to fight and cure breast cancer was ignited after losing which woman in his life?

- A. Mother
- B. Grandmother
- C. Sister
- D. Wife**

## **Lightning Round:**

The MRI was originally called NMR, what did the N stand for?

- A. Nucleus
- B. Nuclear**
- C. Nano
- D. Nervous