



Brachytherapy word find

F H E R F P S D E T Y H J U K I C A A P
 A A F R E A P O I U Y T R E W Q A F I K
 D S H G I R I D I U M Q W E R A E D R J
 C X J U I I D F O Y D A U J M G S E E G
 F C H Y T S B D D B C S D F G H I W N D
 G V G F K L Y K I T Y W S X E N U Q E A
 H B F G H J U L N G H Z C F E L M A C Z
 Y N I X C V K O E B N G H O P N O S U Y
 J M N D O P T I M I Z A T I O N P Z R T
 J R T E R T Y U I O P L K J G D L X I I
 C E R V I C A L C A N C E R G H K C E V
 E T A R E S O D D E S L U P T W J B T A
 Y S L S Y P A R E H T Y H C A R B H G C
 G E U Q V F R E D C X S W Q A A I Y B A
 V H M A G J K L L P O J G F D D J T F R
 H C I Z L A I T I T S R E T N I N F D T
 N N N D G T H Y T G D E D F B U H D C N
 J A A V G T C V T Y U J I G N M T C B I
 I M L F B P A F T E R L O A D I N G H N

HOW DO I CLAIM THIS AS CPD?

The questions in this word find are not designed to be easy. Some of the questions should challenge you to undertake some online research, open a book, unlock information that you stored in the dark and dusty areas of your brain during university, inspire you to have a chat with a colleague or the radiation oncology team.

To get the most out of the word find, try to explore the information and make links with your current knowledge, or gain some new knowledge, rather than just finding the answer that will fill in the gap. For example: when radioactive sources are placed inside the tumour this is known as brachytherapy. Do you know the names and techniques for various types of brachytherapy? Why is one technique more effective than another?

Once you have completed this wordfind you can lodge your CPD credits in the Self Directed Learning Group under Complete an AIR Crossword/Word find

1 credit is allocated per Word find puzzle that you complete. This Word find can be claimed as a 'Category A' activity.



Answer the following questions and then find answers in the word find

- _____ is the name of the treatment modality which uses radioactive sources placed close to the tumour bed.
- Who is the person who first discovered artificial radioactivity? _____
- Name the low dose radioisotope which replaced radium in gynaecological treatment. _____
- _____ was the first isotope to be used in brachytherapy treatment.
- An isotope which can be used for LDR, HDR or PDR brachytherapy is _____.
- A _____ dosimetry system is commonly used for interstitial implants.
- What does the acronym PDR stand for? _____
- Remote afterloading machines have assisted in the improvement of the quality of brachytherapy treatment, due to the ability to vary source dwell times and positions resulting in dose _____.
- Which low dose rate isotope is used in permanent seed implants for prostate cancer? _____
- _____ is a disease in which brachytherapy is a standard part of the treatment regime.
- The _____ system is commonly used for gynaecological insertions.
- Brachytherapy of the bronchus or oesophagus is known as _____ brachytherapy.
- When radioactive sources are placed inside the tumour volume, this is known as _____ brachytherapy.
- Another type of brachytherapy is _____ brachytherapy; gynaecological insertions are an example of this.
- This technique and equipment were developed to improve radiation safety in brachytherapy. _____

Thank you to the team at Royal Brisbane and Women's Hospital Radiation Therapy Department for their tricky questions.