



Radiation therapy word find

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

HOW DO I CLAIM THIS AS CPD?

The questions in these word finds are not designed to be easy. Some of the questions should challenge you to undertake online research, open a book, unlock information that you stored in the dark and dusty areas of your brain during University or inspire you to have a chat with a Colleague.

To get the most out of the Word find, try to explore the information and make links with your current knowledge, rather than just finding the answer that will fill in the gap. For example, 'This benign condition of the eye is effectively treated with surgery and prophylactic irradiation with beta particles'. Do you know the name of this condition? Do you understand the pathological processes of this disease? Are there any other treatments used anywhere else in the world? Are these treatments more effective? Once you have completed this Word find you can lodge your CPD credits in the 'Self Directed Learning Group' under 'Complete an AIR Crossword/Word find' completed. 1 credit is allocated per Word find; this can be claimed as a 'Category A' activity.



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

- Name the Brachytherapy system specifically developed for use with iridium wire after-loading techniques. _ _ _ _ _
- What is the common name given to the technique where small opposing lateral beams are used to treat T1 larynx tumours? _ _ _ _ _
- Useful in plan evaluation, this tool summarises graphically the 3D dose distribution information into a single curve for each structure of interest. _ _ _ _
- The P+ is one model used for predicting the probability of _ _ _ _ _ disease control.
- Shielding blocks, wedges and compensators are all examples of early methods of this increasingly common approach to radiation therapy. _ _ _ _ _
- The Gill-Thomas-Cosman and the Brown-Robert-Wells systems are examples of localisation devices for what type of radiation therapy treatment? _ _ _ _ _
- Name the genes found in an abnormally expressed form in many human cancers. _ _ _ _ _
- The _ _ _ _ _ sarcoma is one of the most common bone tumours in young people and generally presents as painful swelling.
- _ _ _ _ _ is the name of the fractionation strategy where multiple fractions are delivered daily within the same overall treatment time as for conventional fractionation.
- The advantages of this type of radiation therapy treatment include high skin dose, rapid dose fall off, simple shielding and good dose distribution for small fields. _ _ _ _ _
- The _ _ _ _ _ is the international organisation responsible for developing recommendations for the delineation of volumes important in 3D radiation therapy planning, including the GTV, CTV & PTV
- The _ _ _ _ _ technique commonly used for irradiation of the infradiaphragmatic lymphatics.
- In this form of radiation therapy, diseased tissues are surgically exposed and treated selectively to reduce morbidity to normal tissues. _ _ _ _ _
- _ _ _ _ _ radiation is produced as a result of inelastic collisions between high-speed electrons and a nucleus.
- This benign condition of the eye is effectively treated with surgery and prophylactic irradiation with beta particles. _ _ _ _ _
- Name the computer simulation used for radiation dose calculation where individual electron paths are randomly generated to model theoretical scattering cross-sections. _ _ _ _ _
- Kilovoltage imaging and cone beam CT are commonly used for position verification in _ _ _ _ _.
- Name the radiation therapy technique used to induce immunosuppression prior to bone marrow transplantation. _ _ _ _
- What general name is given to beam modifiers such as wax, gelatine flab, wet cotton wool and metal foils? _ _ _ _ _
- _ _ _ _ _ is the process by which cells that are hypoxic at the time of irradiation become subsequently oxygenated.

Thank you to all of the staff at Perth Radiation Oncology for their tricky word find questions