Harnessing the Power of Precision: Therapeutic Radiology in Modern Medicine

Priyanka Sharma*

Department of Radiology, St Georges University of London, UK

Introduction

Understanding therapeutic radiology

 $\left\{ \begin{array}{c} \left(\begin{array}{c} 1 \\ 1 \end{array}\right) \left(\begin{array}{c} 1 \end{array}\right) \left(\begin{array}{c} 1 \\ 1 \end{array}\right) \left(\begin{array}{c} 1 \end{array}\right) \left(\end{array}) \left(\begin{array}{c} 1 \end{array}\right) \left(\end{array}) \left(\begin{array}{c} 1 \end{array}\right) \left(\begin{array}{c} 1 \end{array}\right) \left(\end{array}) \left(\begin{array}{c} 1 \end{array}\right) \left(\end{array}) \left(\end{array})$

Types of therapeutic radiology

External beam radiation:

Internal radiation (Brachytherapy):

Advantages and challenges

Precision:

*Corresponding author: Priyanka Sharma, Department of Radiology, St Georges University of London, UK, E-mail: Priyankasharma@gmail.com

Received: 05-Aug-2023, Manuscript No. roa-23-111342; Editor assigned: 07-Aug-2023, PreQC No. roa-23-111342 (PQ); Reviewed: 21-Aug-2023, QC No. roa-23-111342; Revised: 24-Aug-2023, Manuscript No. roa-23-111342 (R); Published: 31-Aug-2023, DOI: 10.4172/2167-7964.1000481

Citation: Sharma P (2023) Harnessing the Power of Precision: Therapeutic Radiology in Modern Medicine. OMICS J Radiol 12: 481.

Copyright: © 2023 Sharma P. This is an open-access article distributed under the terms of the Creative Commons Attribution License, which permits unrestricted use, distribution, and reproduction in any medium, provided the original author and source are credited.

Description

Radiation oncology teams

Quality assurance and safety

Managing side e ects

Radiation therapy for benign conditions

Research and innovation

ין, ארוניי היילי יין אין ייני אייא אוואר. ייא נויק אייאאין איין גרא גיינאראי איינאראי איי

Global accessibility

Conclusion

Acknowledgement

. .

Con ict of Interest

. .

References

- Rades D, Stalpers LJ, Veninga T, Schulte R, Hoskin PJ, et al. (2005) Evaluation of fve radiation schedules and prognostic factors for metastatic spinal cord compression. J Clin Oncol 23: 3366-3375.
- Maverakis E, Cornelius LA, Bowen GM, Phan T, Patel FB, et al. (2015) Metastatic melanoma - a review of current and future treatment options. Acta Derm Venereol 95: 516-524.
- 3. Quick D (1948) Therapeutic radiology. Radiology 50: 283-96.
- Gruel PM, Corde S, Laissue JA, Carter MB (2022) FLASH radiotherapy with photon beams. Med Phys 49: 2055-2067.
- 5. Drew FD (1961) Therapeutic radiology. J Natl Med Assoc 53: 463-466.
- Chandra RA, Keane FK, Voncken FEM, Thomas Jr CR (2021) Contemporary radiotherapy: present and future. Lancet 398: 171-184.
- MC Vozenin, JBourhis, M Durante (2022) Towards clinical translation of FLASH radiotherapy. Nat Rev Clin Oncol 19: 791-803.
- Allen C, Her S, Jafray DA (2017) Radiotherapy for Cancer: Present and Future. Adv Drug Deliv Rev 15: 109: 1-2.
- 9. Lochman DJ (1962) Therapeutic radiology. Chic Med 64: 14-17.