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peptide receptor radionuclide therapy prrt cleveland clinic Oct 19 2023 what is peptide receptor radionuclide therapy prrt prrt is a type of targeted cancer therapy that treats neuroendocrine tumors nets it enables the delivery of radioactivity directly to the net cancer cells

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around your body in the bloodstream to the area where the cancer is the radioactive part is called an isotope it may be attached to another substance which is designed to take the isotope to the cancer the cancer cells take up the radioisotope and get a high dose of radiation which destroys them

*targeted radionuclide therapy an overview sciencedirect* Mar 12 2023 targeted radionuclide therapy trt is a systemic treatment that uses radiolabeled cancer cell specific molecules to deliver a cytotoxic dose of radiation to cancer cells with limited damage to healthy tissues and organs gudkov et al 2015

targeted radionuclide therapy a historical and personal Feb 11 2023 this review traces the development of targeted radionuclide therapy trt the magic bullet from the discovery of radioactivity in nature and the subsequent discovery of artificial radioactivity the production of radioactive isotopes of stable elements to the current status of trt in the medical literature and clinical practice

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*present and future prospects of radiation therapy using  $\alpha$*  Nov 08 2022 this article reports the results of treatments on 4 patients with cancer and reviews the clinical use of  $\alpha$  radiation from  $^{223}\text{Ra}$  and radon it discusses the prospect of using the novel  $^{225}\text{Ac}$  prostate specific membrane antigen ligand 617 ligand as a therapeutic agent for prostate cancer

*molecular imaging and radionuclide therapy molecular* Oct 07 2022 the molecular imaging and radionuclide therapy is an open access scientific double blind peer reviewed journal in the field of

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