Cholesterol lowering drugs may increase effectiveness of radiation therapy for prostate cancer.

Printed from https://www.cancerquest.org/newsroom/2011/04/cholesterol-lowering-drugs-may-increase-effectiveness-radiation-therapy-prostate on 11/14/2026



Statins are a type of drug commonly used to lower cholesterol levels. They work by interfering with the activity of the enzyme, HMG-CoA reductase, a key enzyme in cholesterol production in the liver. Recent studies have indicated that statins also can benefit high-risk localized prostate cancer patients receiving high doses of radiation therapy. In a controlled study, coupling statins with radiation therapy correlated with an increased relapse-free survival period, which suggests that statins may play in sensitizing cancer cells to radiation.

Source
https://www.ncbi.nlm.nih.gov/pubmed/20452139
Learn More
Radiation Therapy