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9. Are spared by prolongation (beyond about 2 weeks). 10. Are made worse by shorter overall times (except below 1 to 2 weeks, which is within the turnover time for mucosa). 16
Seminars in Radiation Oncology, Vo12, No 1 (January), 1992:pp 16-21 Fractionation:
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Modeling the Cellular Response of Lung Cancer to Radiation Therapy for a Broad Range of Fractionation Schedules Clin Cancer Res . 2017 Sep 15;23(18):5469-5479. doi: 10.1158/1078-0432.CCR-16-3277.

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The treatment of a patient with radiation therapy is planned to find the optimal way to treat a tumour while minimizing the dose received by the surrounding normal tissues. In order to better exploit the possibilities of this process, the availability of accurate and quantitative knowledge of the peculiar responses of the different tissues is of paramount importance.

Modelling Radiotherapy Side Effects: Practical ...

mon Radiobiological Models Result in Similar Predictions of Time-Dose Relationships. Radiat. Res. 150,83-91 (1998). One of the fundamental tools in radiation biology is a formal-ism describing time-dose relationships. For example, there is a need for reliable predictions of radiotherapeutic isoeffect doses

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