## Making Cancer Treatments Safer with Mathematics

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## THE PROBLEM

**Brachytherapy:** a radiation treatment where radioactive seeds are placed directly on the tumour.

**Issue:** when the tumour is located close to organs, the radiation can damage them, causing further health complications.



## THE IMPACT

Currently, clinicians do not have a tool to create treatment plans for brachytherapy.

This would provide them with one.





Engineering and **Physical Sciences Research Council** 









