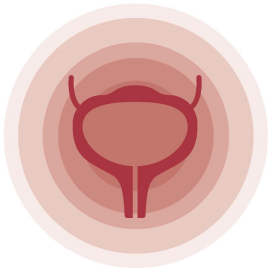




RAIDER

Are new radiotherapy techniques safe for bladder cancer treatment?



Standard bladder radiotherapy uses **one plan**, using a scan from before treatment, giving the **whole bladder** the same radiotherapy dose



Adaptive radiotherapy uses **small, medium and large plans** and the **highest radiotherapy dose** can be focused on the tumour



A tumour boost with a **higher radiotherapy dose** than normal can also be given

345 people took part in RAIDER from 49 hospitals in the UK, Australia and New Zealand



91 people had **standard bladder radiotherapy**

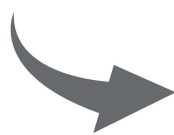
94 people had **adaptive tumour focused radiotherapy**



147 people had **adaptive tumour boost radiotherapy**



2+ years of data was collected about each participant



One participant in each group had a **serious side effect** caused by radiotherapy

ICR The Institute of Cancer Research



Adaptive tumour boost bladder cancer radiotherapy is safe, with similar side effects to standard bladder radiotherapy