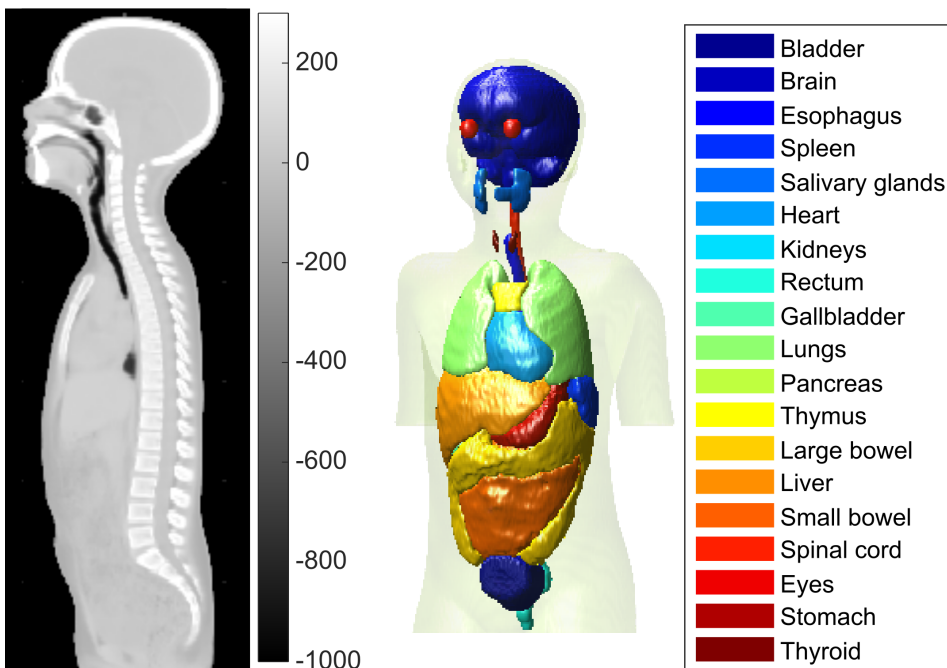


RT-PAL: Radiotherapy Paediatric Atlas

The Radiotherapy Paediatric Atlas (RT-PAL) is a set of 3D images that make a virtual model of an average paediatric patients across developmental stages. The models were developed for radiotherapy academic (non-commercial) research use.

RT-PAL is a set of 3D images that make a virtual models of average paediatric patients across developmental stages and were developed for academic research use.

RT-PAL 2021 model



The RT-PAL models were generated by merging computed tomography (CTs) from a population of paediatric radiotherapy patients.

Full description of the methodology used for its synthesis can be found in [Veiga et al \(2021\)](#).

The atlases serve for a range of applications in radiotherapy-related research. It was developed with the aim of facilitating research into late effects of radiotherapy in paediatric patients, as it serves as a common reference frame to spatially standardise this complex population. They may also be used for other applications, such as reconstruction of radiotherapy doses, quality assurance, research & development of novel radiotherapy/diagnostic exposures, etc.

The atlases were built through a collaboration with University College London Hospitals.

Further information available in our [website](#).

Category

Healthcare Tools

Software/Bioinformatics

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References

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