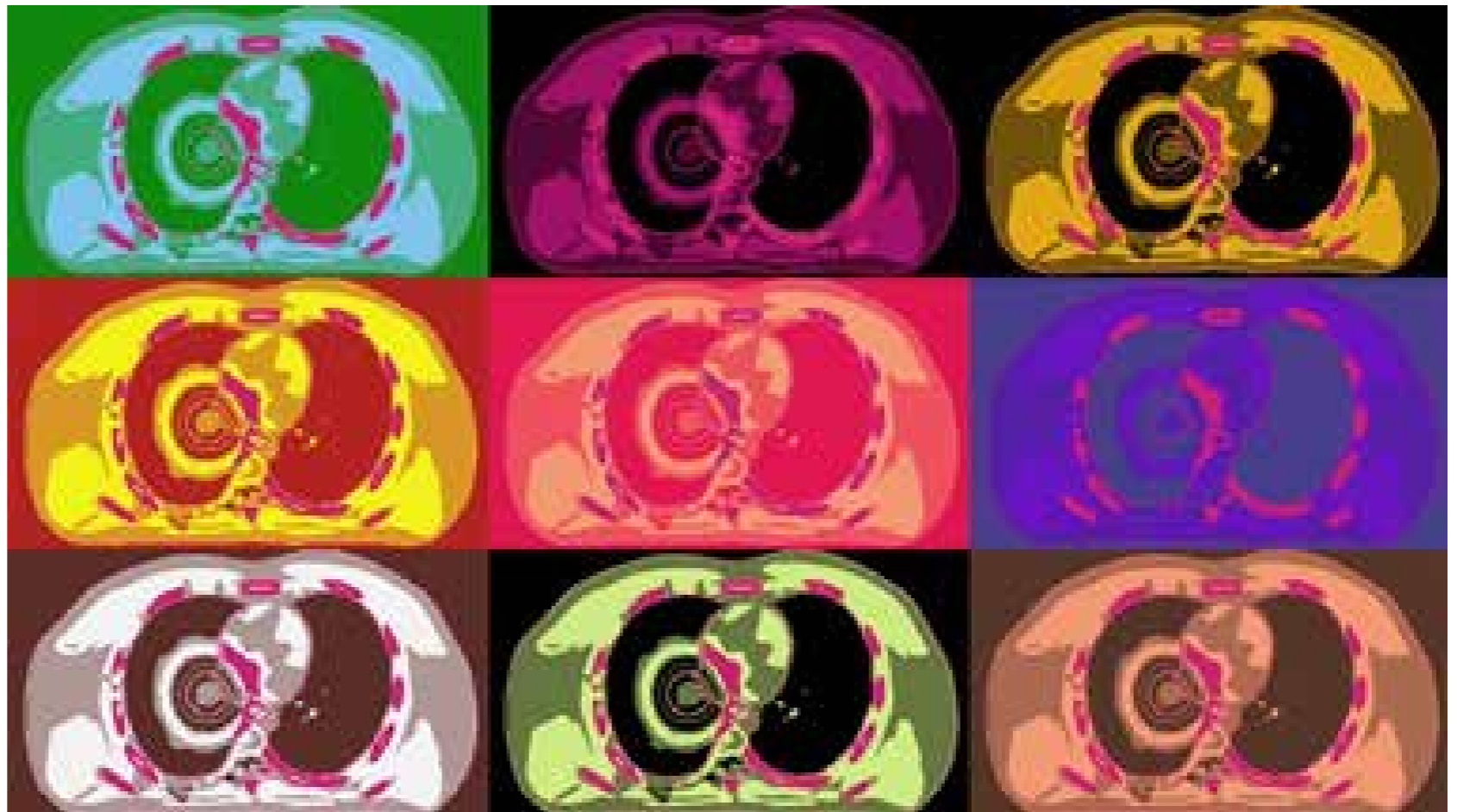


Pattern Of Practice for Adaptive and Real Time Radiation Therapy (POP-ART RT)



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The Pattern Of Practice for Adaptive and Real Time Radiation Therapy (POP-ART RT) study has been established by participants of the "real-time and adaptive management of anatomical variations" track at the 2nd ESTRO physics workshop, held in October last year in Málaga, Spain.

The study has two aims. First, we would like to determine to what extent and how adaptive and real-time radiotherapy is being used in clinical practice. Second, and more importantly, we

would like to understand what the barriers to implementation or further use are.

Therefore, we have developed an institutional survey, which contains questions on the current use of gating/tracking for respiratory motion management, and for adaptive radiotherapy using multiple treatment plans for the management of interfraction motion. The survey also contains questions on plans for further or new implementation of real-time and adaptive motion management techniques, and the main ▼

barriers and challenges preventing wider use.

It is important for the success of this study that all institutions complete the survey, including those that are not doing any form of adaptive or real-time radiotherapy. For those institutions where this is the case, the survey will only take five minutes to complete.

The results, which we intend to disseminate through a scientific paper, will enable us to identify the necessary action to be taken by vendors, users and society to implement adaptive and real-time radiation therapy more widely in clinical practice and to increase confidence in using this new technology.

We hope you find this project interesting and valuable, and that you can find time to coordinate with your colleagues to provide one answer to the survey per institution. We thank you in advance for your participation and look forward to sharing the results of the POP-ART RT study with you.

Please complete the survey online at: www.surveymonkey.co.uk/r/RZRYF83 A PDF of the survey is also downloadable (https://www.estro.org/binaries/content/assets/pdf/projects/pop-art_rt.pdf) and can be used for internal discussion before completing the online form.

If you would like more information, please email: Gail Distefano (gail.distefano@nhs.net) or Jenny Bertholet (jenny.berthole@icr.ac.uk).

On behalf of the POP-ART RT workshop participants, Jenny Bertholet, Gail Distefano, Ben Heijmen and Marianne Aznar

