

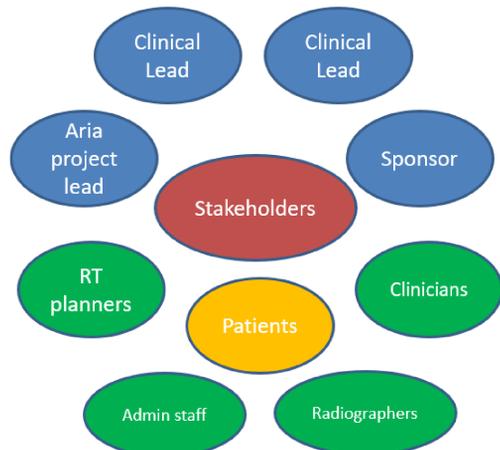
Peer review project

Dr Yasmin Odding

Improvement Aim

A completed peer review record for 25% of eligible patients in 6 months

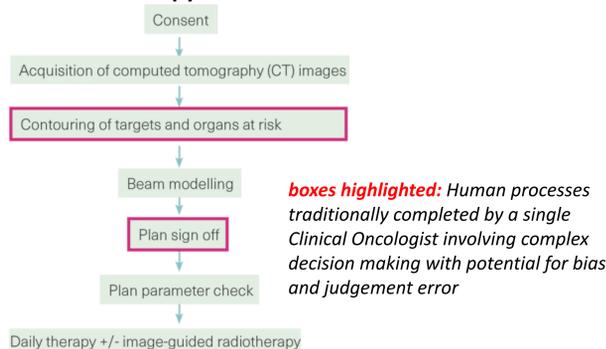
Improvement Team & Stakeholders



Background to project

Approximately 50% of patients with cancer will receive radiotherapy through their cancer journey

Radiotherapy Workflow



Peer review: Royal College of Radiologists recommendations

- All 'individualised' radiotherapy contours to be reviewed by more than one Clinical Oncologist
- Departments should have clearly defined and systematic process
- IT infrastructure should allow prospective documentation with standardised and auditable peer review document

Status in Cheltenham Oncology Centre April 2023

- Peer review 'conversations' varied significantly between tumour sites
- No standard documentation existed on Treatment Planning System

Outcome Measure: (stratified by tumour site) the proportion of eligible patients who have completed peer review records vs proportion of eligible patients who don't have completed peer review record

Process measure: One process with real-time documentation so challenging to break down

Balancing measure: Time implications with regards to patient pathway of implementation of peer review



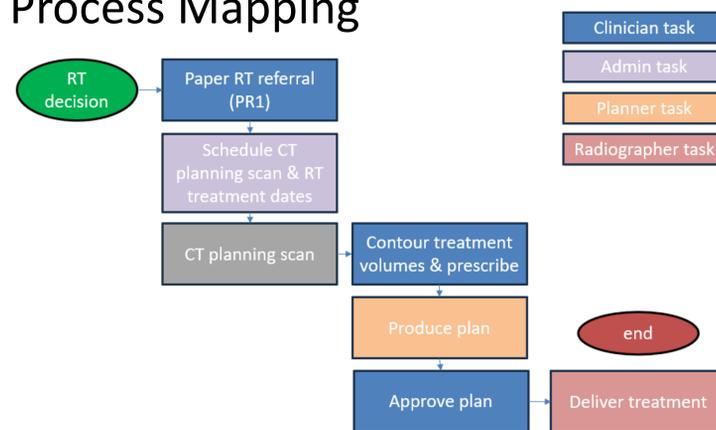
PDSA 1: June 2023

- Discussion with colleagues, designed peer review form.
- Uploaded form, lunchtime education session
- Reviewed results
- This plan of action abandoned

PDSA 2: September 2023

- Met with ODN RT, attended RCR Attended RCR training 'Barriers to implementing peer review', broader sit down meetings with stakeholders
- Creation of new peer review form and process, pilot with small group
- 'Go live' planned for Jan 2024

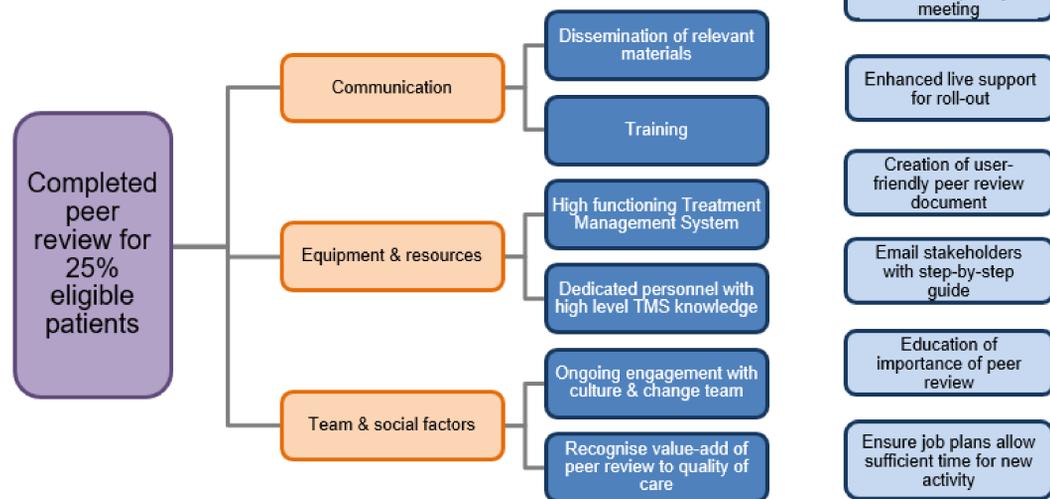
Process Mapping



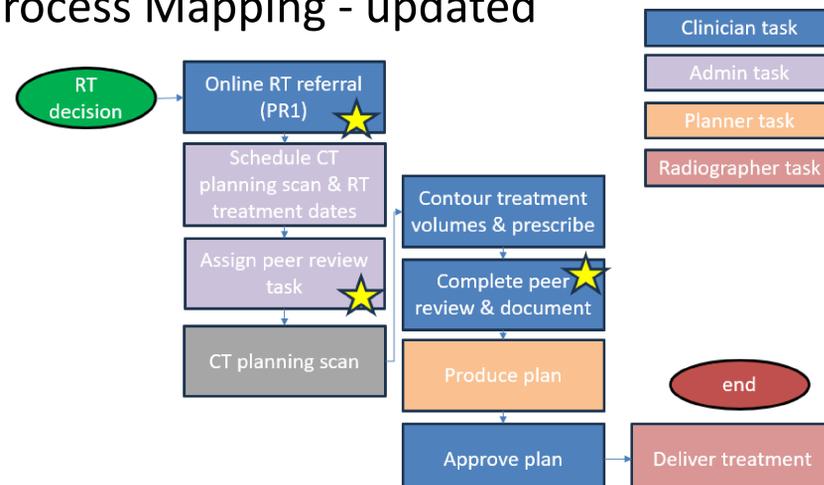
Potential stumbling blocks



Driver Diagram



Process Mapping - updated



Future Plans

- 'Go live' planned January 2024 to coincide with radiotherapy referral form
- Data collection – quantitative using 3 monthly time points
- Standardise reporting and peer review data collection across south-west network
- Audit compliant with Royal College of Radiologists guidelines

References:
 - Radiotherapy dose fractionation (third edition), 2019. Royal College Radiologists website
 - Radiotherapy target volume definition and peer review (second edition), 2022. Royal College Radiologists website