

REASON WHY?

Prior to beginning a research project at SaTH it is a governance requirement that all duties are delegated to appropriately experienced and trained staff on a delegation log. Template delegation logs are usually provided by the Sponsor (Commercial or Non-Commercial) of a research project. Currently, most delegation logs are in paper format and must be passed between several members of staff for completion. This takes time, increases errors and can be an infection control risk.



To reduce waste and defects when completing delegation logs for all new research projects by 50% by 1 September 2023

PLAN

A previous project increased engagement and involvement in using the EDGE system amongst the R&I team.



EDGE has a delegation log functionality, so the team wanted to explore how receptive sponsors would be to using this, as well as whether its use would reduce waste and defects compared to paper delegation logs. We decided to trial this for all new research projects.

DO

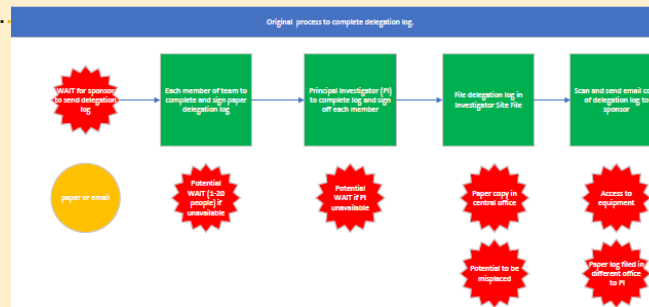
During the set-up of a new research project, the Sponsor was asked if they would be willing to use the EDGE delegation log and a demonstration was provided if requested.

Data was collected about whether they would use the log and if they declined the reasons why. If the sponsor agreed to use the EDGE delegation log training was provided to the research project team and a guide created. Signatures were also created on EDGE.

Data was collected on the time it took to complete paper delegation logs compared to EDGE delegation logs, as well as areas of potential waste.

The process of completing a paper delegation log can take a couple of hours to a few days to complete depending on when staff are on shift to get them to complete and then again finding the Principal Investigator to approve. Seven potential areas of waste were identified.

STUDY



53% (8 out of 15) of Sponsors approached said they were happy to use the EDGE delegation log. The main reason sponsors did not want to use the EDGE delegation log was because the responsibilities are standardised in EDGE and cannot be amended to match those on the Sponsor delegation log.

We trialled using the EDGE delegation log for 50% (4 out of 8) of research projects where the Sponsor agreed to its use.

Feedback from the team was that the EDGE delegation is much easier to use compared to the paper version and is approved more quickly, taking hours rather than days in most cases. Two potential areas of waste were identified in the process. Both outcomes demonstrate at least 50% reduction in waste and defects.



ACT

We will **adopt** the EDGE guide for clinicians.

Next steps

Initial data from the project has shown a reduction in waste and defect, however, it is limited amount so we will continue to ask Sponsor's at set-up if they are willing to use the EDGE delegation log and collect feedback.



We will feedback our findings to EDGE and the WM:CRN Research Operational Group.

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