

# Project scope: National Radiology Information System (RIS)

31 January 2022

## Research question

The main research question is:

- What are the perceived benefits and constraints to implementing a national radiology information system (RIS) in Scotland?

The main research question will be addressed by gathering information on the following:

- the RIS contract landscape across individual health boards (i.e. planned or in progress upgrade and replacement projects, contract expiry dates, termination clauses)
- the limitations of existing local RIS systems in terms of functionality and range of interfacing with external feeder systems
- the perceived constraints and challenges faced by health boards converging to a national RIS
- the benefits (e.g. system, outcomes, costs) of a national RIS which cannot be realised through existing or planned alternatives (e.g. local RIS upgrades, PACS reprovisioning, PACS Plus)
- views on predicted optimal workflow in the medium to long-term and how it could be achieved with/without a national RIS, and
- assessing the appetite for a national RIS from the perspective of health boards, particularly in relation to desired functionality.

## Inclusion criteria – Not Applicable.

The selection of studies for inclusion in the literature review element of the project will be based on the following criteria:

|                     |     |
|---------------------|-----|
| <b>Population</b>   | N/A |
| <b>Intervention</b> | N/A |
| <b>Comparator</b>   | N/A |
| <b>Outcomes</b>     | N/A |
| <b>Limits</b>       | N/A |

## Planned activities

SHTG have agreed on the following activities to support the development of SHTG Assessment on National RIS:

1. Consultation exercise with Health Boards and Scottish Radiology Transformation Program (SRTP)
2. Review of local Health Board digital and radiology strategies and plans

## End products

At the end of the project, SHTG will publish:

- SHTG Assessment (offering advice on the feasibility of a national RIS)
- Consultation comments

## Timescales (approximate)

- May 2022