

# Project scope: Bluetooth Tagging

08/11/2021

## Research question

Is the Floki Bluetooth Tagging system a cost-saving intervention for tracking medical equipment in a hospital setting compared with active RFID and Wi-Fi tracking?

## Inclusion criteria

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

<b>Population</b>	Medical equipment tracking
<b>Intervention</b>	Floki Bluetooth tagging system
<b>Comparator</b>	Active radio frequency identification (RFID) Wi-Fi tracking
<b>Outcomes</b>	Cost savings Staff time savings Infection control
<b>Limits</b>	English language Norwegian language Swedish language Danish language Published 2015-2021 Any study design

## Planned activities

SHTG have agreed on the following activities to support the development of advice on bluetooth tagging:

1. A systematic review of the published literature on Floki Bluetooth tagging system compared with active RFID and Wi-Fi tracking for medical equipment tracking in a hospital setting.
2. A cost-saving analysis comparing Floki Bluetooth tagging system with active RFID and Wi-fi tracking for medical equipment with data from Glasgow Royal Infirmary.

## End products

At the end of the project, SHTG will publish:

- SHTG Recommendation or Assessment
- Peer-review

## Timescales (approximate)

Work on the project is estimated to begin in December 2022 and will aim to present the review, analysis and recommendations to the SHTG council in March 2022.