SPOT - The Safer Prescription of Opioids Tool: Deployment and Scale-up in Clinical Practice.

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SPOT - The Safer Prescription of Opioids Tool is a novel digital clinician decision support medical device proven to increase prescriber confidence and adherence to NHS Scotland Guidelines when performing opioid conversion [1].

SPOT is currently undergoing Board-wide roll-out across NHS Borders to all prescribing clinicians and nurses. Effective mechanisms must be in place to not only roll out this innovation but also to ensure that the benefits of its use are optimised and promote acceleration in improvements across multiple areas.

This poster examines the steps and activities undertaken to ensure successful roll-out of a novel software medical device across NHS Borders, the barriers to adoption and the methods and mechanisms required to overcome these blocks. This process can be used to spread SPOT and other medical device software to other Health Boards in Scotland.

Table 2: Users’ self-reported confidence with opioid conversions, before and after SPOT study.

<table>
<thead>
<tr>
<th>Opioid As Index Opioid (n)</th>
<th>As Target Opioid (n)</th>
<th>0 1</th>
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<tbody>
<tr>
<td>Before SPOT</td>
<td>After SPOT</td>
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This roll-out methodology uses the proposed HIS Spread and Sustainability framework, Figure 1 [2].

The lack of effective spread of innovation results in the existence of ‘pockets of excellence’, where successful improvements are localised and their improvements are only observed within the context of the project. Effective mechanisms are required to spread innovations such as SPOT to multiply benefits and accelerate improvement [2].

Such spread and implementation requires a number of different individuals in specific roles to ensure efficient uptake, spread and advocacy in an institution or Health Board, Figures 2, 3.

Summary

We used the HIS Proposed Sustainability and Spread model to drive uptake of SPOT throughout NHS Borders.

Innovation spread and sustainability requires a strong team with good organisation and clinical leadership and we are currently in the implementation phase but moving steadily towards the sustainability phase.

One of the key components of implementation and sustainability, however, is enthusiasm which is essential!

References: