

## Joint Working Agreement - Executive Summary

<b>1. Project Name:</b>	Implementation of tele-dermatology application 'Skin-selfie' across Newcastle upon Tyne Foundation NHS Trust.
<b>2. Organisations involved with this Joint Working Project are:</b>	Lilly UK & Newcastle Upon Tyne Foundation NHS Trust
<b>3. The objectives for this project are:</b>	<p><b>Application of the tele-dermatology app MySkin-selfie to the existing psoriasis clinical pathway for secondary care follow up appointments.</b></p> <p>MySkinSelfie (<a href="https://Myskinselfie.com">https://Myskinselfie.com</a>) is a secure mobile phone application for skin self-monitoring. The application was designed and built by Newcastle Hospital NHS Trust in collaboration with the OpenLab for human computer interaction, based at Newcastle University School of Computing Science.</p> <p>We aim to use the skin-monitoring app to improve the experiences of psoriasis patients under the care of specialist secondary care dermatology services in Newcastle upon Tyne in the following 3 ways</p> <ol style="list-style-type: none"> <li>1. Monitoring of response to biologic treatments.</li> <li>2. Stratification of patients by this means of digital review. This should result in a reduction in face-to-face follow up in the secondary care clinic, therefore freeing up capacity for those patients at greatest need, and improving their wait times. This approach should also reduce unnecessary trips to hospital for appropriate patients.</li> <li>3. To assess patients currently on the waiting list to be seen in the Dermatology outpatient clinic.</li> </ol>
<b>4. Roles and Responsibilities, including any funding</b>	<p><b>Responsibilities of Newcastle Trust:</b></p> <p>Management of internal governance procedures associated with entering into a JWA, and receiving financial support from Lilly UK. This should include following any pre-existing SOPs, ensuring project support at Medical director and / or Trust Board level and identification of suitable route for financial support to be paid.</p> <p>Commissioning of a 3<sup>rd</sup> party to further develop Skinselfie prototype app into a useable cloud based application.</p> <p>Development of an SOP to embed use of app in clinical pathway.</p> <p>Co-development and maintenance of any project documentation.</p> <p>Baseline, measurement and analysis of results.</p> <p>Publication of successful results to share best practice across the Newcastle Trust and other NHS organisations</p> <p>Submission of a business case to secure ongoing funding.</p> <p><b>Responsibilities of Lilly UK:</b></p> <p>Co-development for all documentation required for approval of the project as a Joint Working Agreement. Approval, certification and publication of said documents in line with ABPI guidance 2019.</p> <p>Project management support using Prince 2 and Lean methodologies, including being responsible for:</p> <ul style="list-style-type: none"> <li>• Arranging regular project group meetings</li> </ul>

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	<ul style="list-style-type: none"> <li>• Development and maintenance of project plan, Gantt, action plan, communication plan, risk register and any other project documentation required.</li> <li>• Facilitating development of bespoke patient satisfaction measures, developing data collection plan, supporting survey pilot and data analysis.</li> <li>• Facilitating and supporting clinical team to develop protocol or SOP around the use of Skinselfie within existing clinical pathway.</li> <li>• Baseline and measurement of results.</li> </ul> <p>Sharing best practice within both Lilly, Newcastle Hospitals FT and the wider NHS. Development of business case to secure ongoing funding. Funding of app technical implementation.</p> <p><i>At no time will Lilly have access to any patient identifiable data. Any adverse events will be reported in line with Trust guidelines.</i></p> <p><b>Estimated total cost = £60,973.</b> Total Lilly contribution: £26707 cash funding at project start + £3562 staff costs = £30269 Estimated NHS contribution = £30704</p>
<b>5. The expected benefits for patients on delivery of this project are:</b>	<p>Reduced wait times for follow up secondary care appointments Reduced need for unnecessary hospital appointments This personalised approach to care should improve patient experience with the dermatology service.</p>
<b>6. The expected benefits for the partner organisation(s) on delivery of this project are:</b>	<p>Improved capacity and associated cost savings for both the Trust and the CCG. Publication of successful results will show Newcastle to be a digital innovator in the field of dermatology. Successful roll out to other NHS organisations could lead to increased revenue from license fees associated with the application. Potential to apply the app to other dermatological conditions.</p>
<b>7. The expected benefits for Lilly UK on delivery of this are:</b>	<p>Improvements in-patient throughput may mean psoriasis patients with the most severe cases of the disease receive faster access to specialist support and treatment. This treatment may include biologic medications, one of which is manufactured by Lilly, and is available for use on Newcastle formulary*. Publication of successful project outcomes will demonstrate Lilly to be a valued partner in the management of psoriasis. Potential expansion of this project may provide Lilly opportunities to work with Newcastle FT again in future, with other NHS organisations.</p> <p>*Any prescribing is expected to be in line with national guidelines and local formulary.</p>