

MOIC Update

Over the past few months data collection on the iSIMPATY project was completed with incredible results and feedback and we said farewell to the terrific pharmacists who delivered the project.

We continue to work internationally and we are delighted to have secured a grant to develop hospital pharmacy services with colleagues in Tanzania. We also showcased MOIC's work on PPE during the COVID-19 pandemic to a European audience at the European Association of Hospital Pharmacists Congress.

As we move towards the summer months we are excited to be attending and exhibiting at various conferences and events throughout Europe and the UK.

iSIMPATY Project Improving Patient Care

MOIC were one of the partners involved in this joint project that improved care for patients who are prescribed multiple medicines.

The iSIMPATY project, funded by the European Union's INTERREG VA Programme, worked with professionals in Scotland, Ireland and Northern Ireland to comprehensively review patient medications.



Taking multiple medicines can be problematic if the increased risk of harm from for example interactions between drugs, or between drugs and diseases, outweighs the intended benefits.

Interim findings showed these interventions potentially prevented major organ failure, avoided hospital admissions and saw patients move to a more appropriate medication.

Data collection on the iSIMPATY project came to a close in March 2023 and we are delighted that in Northern Ireland our pharmacists carried out over 1900 reviews. We want to say a huge thank-you to our iSIMPATY team for their dedication and hard work.

MOIC Exhibit at Lisbon European Conference

Members of the MOIC team, Rachel Huey and Catherine Goudy, attended the European Association of Hospital Pharmacists Congress in Lisbon in March 2023 and contributed to the poster display.

The poster considered the technical assessment of PPE during the COVID-19 pandemic and gave an overview of MOIC's involvement in the process. [View the poster here.](#)



Improving Respiratory Care

Work continued between the team at MOIC and a QUB spin out company (Continga Limited) to trial a novel system for improving medicines adherence in those with respiratory diseases (e.g. asthma, TB). Using the system, clinicians can observe their patients as they use inhaled medication with a view to improving how such devices are used. A quality improvement pilot for use of this technology with adult asthma patients in the Western Health and Social Care Trust has been completed and a final MOIC evaluation report compiled. A manuscript is currently being prepared for submission to an academic journal.

The project found that the v-DOT technology was a feasible method of assessing inhaler technique and monitoring adherence in a small group of adult asthma patients managed in an outpatient setting.

A range of positive impacts for patients and clinicians were reported. A number of unexpected technical challenges were experienced and resolved and it was concluded that resource and clear communication channels are required to support this innovative approach to asthma management.

Grant Success

MOIC were delighted to learn that the Commonwealth Partnerships for Antimicrobial Stewardship (CwPAMS) grant application was successful. We are partnering with Northumbria Healthcare NHS Foundation Trust and Kilimanjaro Christian Medical centre in Tanzania to strengthen antimicrobial stewardship activity and introduce clinical pharmacy in Tanzanian healthcare organisations and communities.

The Commonwealth Pharmacists Association (CPA) and The Tropical Health and Education Trust ([THET](#)) announced 24 new grants across eight African countries as part of the CwPAMS 2 programme. [For more information visit the website here.](#)

SHAPES Update

The SHAPES APP is now up and running and we are delighted that we have recruited our first volunteers. The SHAPES project aims to improve healthy ageing at home through the use of technology.

Volunteers will self-monitor their health conditions using a number of clinical devices and the results will automatically be uploaded onto the APP enabling participants to keep track of their weight, blood pressure and blood sugars easily and on a daily basis.

MOIC programme managers are working closely with clinicians, participants and the wider SHAPES team to analyse the effectiveness of the technology and monitor outcomes.

Upcoming Conferences

- **IHI International Forum Copenhagen 15th – 17th May.**

Professor Michael Scott and Anita Hogg are speaking on 'Medicines Optimisation: A Change package to support Medication Without Harm'.

- **SHAPES Dialogue Workshop Online 16th May**

MOIC submitted primary findings for Pilot 3 – Medication safety and optimisation

- **AIMS for Health Innovation – All-Island MedTech SMEs for Health Innovation - Synergy Project Workshop Dublin 18th May**

Glenda Fleming will attend this event

- **Association of the British Pharmaceutical Industry (ABPI) 18th May**

MOIC Programme Managers will be exhibiting.

- **International Conference on Integrated Care Antwerp 22-24 May**

Joanne Brown, NHSCCT pharmacist, is presenting some of the iSIMPATY work.