

**Results.** There was evidence of stockpiling of medicines during March 2020 (for example, oral-contraceptives and oral-anticoagulants with 11.6 and 18.5 percent increases from March 2019), followed by a short-term reduction in prescribing for oral-contraceptives (a reduction of 12.9 percent), but not oral-anticoagulants (an increase of 6.5 percent). However, GP level data show considerable deviation from the national trend for several GPs, which may be due to health and socio-demographic factors.

**Conclusions.** COVID-19 has had a major impact on primary care prescribing in Wales. The distribution of changes in prescribing will not be even across the country or the population. Identification of systematic variation in impacts on prescribing could identify geographical areas or patients in need of additional support to ensure uninterrupted and appropriate access to medicines.

### OP338 Involving Patients In Research: Early Consultation Of Women To Improve Study Design And Investigate Trial Acceptability

Jamie Erskine ([jamie.erskine@kcl.ac.uk](mailto:jamie.erskine@kcl.ac.uk)) and Alejandra Castanon

**Introduction.** Gaining the perspective of patients is invaluable in the design, management and reporting of research. As part of the process of facilitating clinical research into the effectiveness of a digital colposcope in a cervical cancer pathway, patients were involved from the outset.

**Methods.** Using funding made available by a Public Involvement Fund, a patient consultation group was established. The group's initial discussions informed the design of a feasibility study and funding application, which was submitted to the UK National Institute of Health Research (NIHR). A Patient and Public Involvement (PPI) representative was recruited and along with the consultation group, contributed to the ethical approvals for the study. The Patient Information Sheet and Consent Form were reviewed by the patients, to ensure readability, understandability and accessibility. The patient questionnaires and interview topics that are part of the feasibility study were also developed in conjunction with the PPI group, to make sure that women's concerns are being addressed in the research design and protocols.

**Results.** The PPI consultation group's contributions helped strengthen the funding application and funding for a feasibility study was granted as part of the NIHR's Research for Patient Benefit funding scheme. Part of the grant will be used for training and reimbursement for time spent for the PPI representative. Data collection for the study is due to commence in the summer of 2021. The PPI group will be consulted at the beginning and end of the data collection period and will contribute to the data analysis and dissemination of the research output, including a Plain English Summary.

**Conclusions.** Involving patients greatly amplified the quality of the funding and ethical applications and will continue to benefit the ongoing research. Resources were widely available within the researcher's University and also through UK-wide schemes. Such resources are crucial and should be encouraged as part of all clinical research.

### OP339 Virtual COVID Ward: The Use Of Telehealth In The Emergency Response To COVID-19

Abdel Hakim Rezgui ([hakim.rezgui@doctors.org.uk](mailto:hakim.rezgui@doctors.org.uk)), Rosemary Harkness, Hou Law, David Thomson and Rebecca Towns

**Introduction.** With unprecedented times, comes accelerated change. Hospitals in our region have begun to facilitate safe discharge for COVID-19 patients in the form of "The virtual COVID ward". This has enabled patients to be monitored safely in the community using pulse oximetry, Florence (a telehealth mobile app) and remote consultations. Our objective is to expand upon this model by providing home oxygen therapy for these patients facilitated by telemedicine.

**Methods.** Patients were discharged with an oxygen concentrator if they had an oxygen requirement equal to or less than four litres/minute. Fraction of inspired oxygen needed to be stable and an early warning score of less than four was also required. Once admitted, the Florence app and daily remote consultations were crucial to closely monitor the patient's clinical status. The patient was instructed to enter oxygen saturations and heart rate into the app four times daily. The app would then alert our team if any patients observations deteriorate, triggering immediate assessment.

**Results.** We have discharged ninety patients to the virtual ward, fifty-six of these with home oxygen. The average age was fifty-seven and the Clinical Frailty Score ranged between one and six. At present, ten patients have been re-admitted, four with increasing oxygen requirements, and six with unrelated symptoms. Two patients had oxygen concentrators installed at home after we were alerted to their desaturation by the Florence App. The re-admission rate is eleven percent, which mirrors that of other virtual wards (who do not provide home oxygen). In total, the ward has saved the trust 627 hospital inpatient 'days'. Patients report increased satisfaction at playing a meaningful role in monitoring their own healthcare using the app.

**Conclusions.** Our novel model of supported discharge with oxygen therapy using telehealth demonstrates that it is possible to manage such patients, safely, in the community. Other trusts could utilise this model to reduce inpatient bed occupancy. Looking to the future, could telehealth be utilised further to facilitate other "Virtual wards" in the community?

### OP340 Kidney Patients' Preferences For A Wearable Digital Health Technology To Support Self-Management Of Chronic Kidney Disease - A Discrete Choice Experiment

Vijay S. Gc ([vijay.gc@york.ac.uk](mailto:vijay.gc@york.ac.uk)), Cynthia Iglesias, Seda Erdem, Lamiece Hassan and Andrea Manca

**Introduction.** Wearable Digital Health Technologies (WDHTs) can support and enhance self-management by giving individuals