



The Oxford Foundry Ventures Responding to COVID-19

The [OXFO COVID-19 Action Plan](#) and an [international taskforce of world leaders](#) is enabling ventures in the Oxford Foundry venture portfolio to exponentially scale, so that their products and services can help those most in need. Innovation and a fast response are vital in this global crisis, and the 13 ventures are responding directly to the challenges resulting from the pandemic.



> Healthcare

1. **NYE Health** are now providing over 10,000,000 patients across the UK with the ability to speak or video conference their GP using an encrypted NHS compliant two-sided communications platform. By distributing this NHS compliant communications infrastructure, they are providing all GP's and patients to be treated remotely and without any physical contact. NYE have rapidly scaled to support the crisis and are now also involved in the latest Oxford-AZ clinical trials providing their platform for remote coordination and monitoring.
2. **IloF** are using their validated platform to get a digital fingerprint of the nano-scale biological properties within a blood sample and detect infection markers. Working closely with one of the largest hospitals in Portugal (treating thousands of COVID patients daily/weekly) and several key partners, they are in the process of developing a low-cost, rapid stratification tool for COVID-19 infection and clinical outcome risk assessment, targeted at asymptomatic, but strategic/high-risk patients. They now have a significant number of patient samples to begin producing their first preliminary results.
3. **Albus Health** have developed a small non-contact device that can automatically and continuously monitor cough, respiratory rate and other symptoms at home using years of developed data sets and strong IP. This will be used to help experts understand disease progression, symptom severity, diagnosis of COVID19 and identifying those who need care before it is an emergency, either in homes or hospitals. The device is CE marked and already being used to monitor severe asthma patients for over a year.
4. **Archangel Imaging** builds advanced, self-sufficient, plug-and-play AI camera systems for global-scale problems. To support in the COVID-19 crisis, they are further developing their proprietary technology alongside several key partners to offer automated temperature and fever detection cameras, integrated with follow-up support services, that work out of the box. These will be used to support governments, hospitals, companies with staff coming into work still (essential travel) and the police.

5. **Ufonia** is further developing their AI-telemedicine solution to support the huge backlog of clinical visits that are being cancelled due to COVID-19. A number that has already been discussed to be over 700,000 across the UK. Already being delivered at one NHS trust and agreements to pilot in two more, they intend to support the NHS by automating post-surgery follow up and review, making sure frontline staff including doctors, clinicians and nurses can focus on the job at hand, not administrative tasks that can be automated using Ai and technology. Due to its potential impact on follow up care, use of care resources and bottom-line hospital savings, they have now been shortlisted for phase two of the AI in Health and Care award by the National Institute of Health Research (NIHR).
6. **Novoic** is a digital biotech company building a platform technology for identifying patterns of speech and language that occur in the earliest stages of brain diseases. They are now co-developing a medical app with key partners, combining their strong R&D engine at its core that will provide triaging/screening for suspected covid-19 cases based on cough sounds and other medical data. They are currently collecting datasets from over 5,500 patients in EU hospitals.



> Logistics, supply-chain & operations

1. **Infogrid** offer end-to-end remote monitoring and digitisation solutions based on tiny IoT sensors. In a nutshell, they create powerful real time data where there was none before. Already saving the NHS 10,000 hours a year over 120 sites by automating manual checks including pharmacy storage, legionella monitoring and more, they are now gearing up their technical infrastructure to take this to the next level by up to 70,000 hours a day if rolled out across the board, pro-bono. They have already been reviewed and highly recommended by the CQC.
2. **OXWASH** provides the latest space age technology in laundry and dry cleaning, whilst also providing one of the fastest turnaround times across the industry due to its incredible logistics and last-mile infrastructure it has built. Already working closely to support Oxfordshire NHS hospitals, GP practices and the latest Oxford-Astra Zenica COVID-19 trials with enhanced sterilization wash protocols and fast turn-around, they are now looking to ramp-up their operation to support more within the healthcare sector.



> Inclusivity, engagement & mobility

1. **Myo** provide a GDPR compliant messaging and social network to make sure care homes, resident and their families can all communicate effectively, when this has broken down more than ever due to COVID-19. Having already connected a further 400 families in care homes across the UK since the crisis, myo are now providing their solution free of charge to all care homes so that they can effectively share stories and activities of their residents to their loved ones, making sure we all remain connected. They are now also in partnership with the 'Adopt a grandparent' campaign, connecting those without children in care homes to someone they can speak to.



> Education

1. **Smash Medicine** is a research backed EdTech platform that allows medical students, doctors and institutions to work together to produce high-quality content for medical education, in the form of multiple-choice questions. They are now providing their platform to over six major European Universities and the Spanish Council for Medical Students to support their learning free of charge. In the coming months, they plan to expand their reach to educational institutions in the UK, Europe, US and beyond.
2. **Scoodle** is an EdTech platform and application allowing students across the UK, of any level, to ask any question and have it answered by an expert tutor. They have already supported over 30,000 students over the last 2-weeks, providing all students across the UK with the ability to have their Q&A service free of charge to support their education at home. They are now looking to develop further key partnerships to make sure children across the UK are aware of this free resource in supporting them with their education at home.
3. **Appli** are democratising university applications by using machine learning and AI to help university applicants improve their chances of admission. Their AI-powered platform tells applicants their percentage chances of success at each university based on their grades, test scores, work experience, demographics and contextual data. Appli are now setting up key partnerships with educational charities across the UK to help university applicants from under-represented backgrounds, who are struggling without good admissions support from their schools.