

Phase 1: development phase:

- Deadline: 16:00 14Oct20
- Pitching for:
 - £300k (80% FEC) over 15 months;
 - Start date 01Sep20
 - @ 9 months will be possibility to bid for Phase 2
- Anonymised proposal
- Transformative by 2050
- They want:
 - “... We seek co-creative research that has the capability to either revolutionise existing fields, and/or support discovery that might lead to radically new (disruptive) technologies.
 - We are particularly keen to help realise the potential of the following:
 - *Research that merges robotics and biological systems e.g. neural/sensor interfaces*
 - *Pre-symptomatic diagnosis and continuous health monitoring*
 - *Future affordable and inclusive healthcare solutions*
 - *Repurposing technologies originally developed for other fields for potential healthcare impact*
- Must demonstrate “... impacts and advantages” and demonstrate ... “...future benefits ... to the healthcare sector ...”. Potential future impacts could include:
 - *"Transforming the healthcare sector, improving prevention, prediction, diagnosis and/or treatment of disease*
 - *Creating low-cost and/or inclusive technologies for example to address the increasing health, social care and wellbeing costs of an ageing population*
 - *Addressing problems associated with physical health, mental health, social health and/or wellbeing*
 - *Impacting care in hospitals, homes (including hospital at home), communities, and/or the workplace*
 - *Predicting and challenging future healthcare needs*

- *Enabling the management of complex long-term conditions*
- *Demonstrating an increase to UK productivity and/or an enhanced resilience of communities through future disruptive healthcare technologies*
- *Managing changing public and patient care expectations*
- *Preparing the healthcare sector for changes resulting from innovation and technology"*
- *“Particularly welcome projects and collaborations which focus on the needs of the H/c Tech Grand Challenges:*
 - *Developing future technologies;*
 - *Optimising treatment;*
 - *Transforming community health and care;*
 - *Frontiers of physical intervention" (other interventions).*
- Steps in the proposal:
 - **Outline proposal by 14Oct20;**
 - **Must be written for the generalist.**
 - Full proposal by 10Feb21.