Impact and Translation Toolkit
Healthcare Technologies
Healthcare Technologies Grand Challenge Strategy launched 2015

Accelerating Impact is a key strategy for EPSRC in particular in Healthcare related grants
Embed thinking about translation and impact **FROM THE OUTSET**
Researchers **do not have to do translation**
Its about preparing research for those that may take it up in the future

What is the toolkit?
A spotlight on:
- Behaviours we want to encourage
- Resources available to researchers

**Healthcare Technologies Strategy**
**Toolkit Link**
Toolkit

Not all aspects will be relevant to all projects

Encourage researchers to consider all aspects and then pursue the most appropriate actions depending on their projects requirement
Ethical approvals of research trials:
- Human Involvement? Vulnerable patient groups?
- Animal involvement?
- Issues of privacy and security, arising from data collection / research plans?

What resources can be requested?
- Access to expertise and cost of administration to achieve appropriate approvals
Demonstrate potential benefits to the NHS / DoH / Industry

What resources can be request?
- Embed a health economist? Pilot health economic studies?
- Other support to evaluate interventions & technologies
Generate public awareness; communicate research outcomes; encourage public engagement and dialogue, disseminate knowledge to non technical audiences

Is this Controversial science?
- Public dialogue to inform research direction – what is the public concerned about?

What resources can be requested?
- Resource to support engagement activities e.g. workshops, public dialogues, facilitating access to patients
Impact & Translation Toolkit

User Engagement

- Collaboration with users to increase the probability of successful, rapid translation to products and practices.”

- User informed approach - Engage **throughout the project**
  - Clinical, Industrial, Patient involvement
  - Other Stakeholders e.g. charities

- Translation to practice - communicate your Impacts more broadly

- What resources can be requested?
  - Activities to support uptake – feasibility studies
  - Dissemination and user awareness of research outcomes
  - Activities which aim to Inform policy / educate policy makers
“consider the future needs of others who may wish to ‘take up’ and translate research”

- Answering the right questions, be they clinical, scientific or regulatory
- How can applicants de-risk their research for potential investors in the future?
- Succession planning beyond the project
- What resources can be requested?
  - Employment of specialist knowledge transfer staff to identify and exploit IP
  - Workshops to support early translation efforts
  - Early Proof of Concept (PoC) studies
  - Where relevant - Good Clinical Practice training, and Good Manufacturing Practice training (GMP) to allow integration of considerations into research projects
Develop an understanding of current regulatory pathways and engage with regulators to help shape future regulation.

What resources can be requested?

- Researchers may request funding to engage with experts or undertake training to improve their awareness of possible regulatory issues.
- Support to access expertise and regulatory guidance / regulatory engagement e.g. with MHRA.
Science…

- raises questions and dilemmas,
- is often ambiguous in terms of purposes and motivations
- unpredictable in terms of impacts, beneficial or otherwise
“Responsible innovation means taking care of the future through collective stewardship of science and innovation in the present.”

Is the topic you are researching potentially controversial?
Is there a significant ethical or moral component?
Are there trust, social acceptability issues for your research?

What resources can I request?

- Support to inform your approach to EPSRC’s AREA framework
- Support to understand potential public concerns and engage with these issues in an ongoing way

Source: 2013; Stilgoe, Owen and Macnaghten
Further questions and enquiries can be sent to:

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Or contact a member of the Healthcare team

see here