Quick Reference

Please note that you must read the full Call document for guidance before submitting your proposal

SECOND CALL FOR TRANSFORMATIVE HEALTHCARE TECHNOLOGIES

The second call for Transformative Healthcare Technologies is a high risk, high return initiative and will be implemented in two phases. Phase 1, the development phase, will identify projects that demonstrate readiness in order to deliver an ambitious programme of research in Phase 2. In the programme delivery phase, awardees in development phase will be invited to bid into a second call, where we envisage supporting around four to six substantive programmes of research.

EPSRC is currently inviting proposals to the second call for Transformative Healthcare Technologies for offer of awards in Phase 1, the development phase.

Second call for Transformative Healthcare Technologies – Development Phase

Call type: Invitation for outlines

Closing date: 16.00, 14 October 2020

EPSRC is looking to invest in ambitious and highly adventurous healthcare technologies (HT) research driven by curiosity that aligns to the HT theme's strategic priorities. The healthcare technologies theme is keen to build on the first call by expanding its portfolio of potentially transformative healthcare grants.

Funding available:

- Up to £6M is available through this call to seed fund feasibility studies of maximum £300K (80% FEC) each
- We expect to fund around 20 projects for 15 months with **a set start date of 01 September 2021**.

Please note, at the **9th month** mark of feasibility studies there will be another call for offer of awards for the second (delivery) phase.

How to apply: Anonymised outline proposal followed by an invitation to submit a full proposal.

Assessment process: Anonymous outlines will be assessed and prioritised by an expert panel. Invited full proposals will undergo postal peer review, followed by assessment at a prioritisation panel resulting in a rank ordered list.
Key dates:

Activity	**Date**
Briefing Webinar	10 September, 2020
Engagement Forum	16 September, 2020
Deadline for Outline Proposals	16:00, 14 October 2020
Outline Expert Panel	w/c 23 November 2020
Deadline for Full Proposals	16:00, 10 February 2021
Full Proposal Prioritisation Panel	June 2021
Award start date	01 September 2021

Eligibility:

Principal Investigators can only lead on a maximum of one application and may be named as Co-Investigator on one other (please allow sufficient time to create the accounts for Co-Is). The Principal Investigator can only be a UK-based academic. However, no restrictions are placed on industry partners.

For information on the eligibility of organisations and individuals to receive EPSRC funding, see the EPSRC Funding Guide: https://epsrc.ukri.org/funding/applicationprocess/fundingguide/

As this call is a targeted funding opportunity provided by EPSRC, higher education institutions, and some research council institutes and independent research organisations are eligible to apply. A list of eligible organisations to apply to EPSRC is provided at: https://www.ukri.org/funding/how-to-apply/eligibility/.

Briefing webinar:

EPSRC will host a briefing webinar at **11:00 – 12:30 on Thursday 10 September 2020** via Zoom. The webinar will provide an overview of the call, including a summary of the objectives, scope, eligibility and process for applying to the call. In addition, there will be a short introduction to the background of the call, which will include a summary of the wider Healthcare Technologies Grand Challenges and activities. There will be opportunities to ask questions about the call.

You can join the briefing webinar via https://ukri.zoom.us/j/98252858924?pwd=MzB2akp1U29sMm1ncEttM05GcTRGQT09

Engagement forum:

In addition to the briefing webinar, EPSRC will host an engagement forum on **Wednesday 16 September 2020.** This is only open to participants who previously expressed interest in the pre-announcement stage of the call. The forum will aim to provide an opportunity for strategic collaborations on the call.

Please note, there is no requirement to attend the webinar nor the engagement forum in order to submit a proposal to this call.

Additional information:

- This call will follow a non-standard format for submissions and assessment, therefore please read this guidance documentation carefully.
- There is no requirement for an Institutional Statement of Support.

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Je-S helpdesk
JeSHelp@je-s.ukri.org
Please refer to Je-S Homepage for call opening times.

Second Call for Transformative Healthcare Technologies – Development Phase

Call type: Invitation for outlines

Closing date: 16.00, 14 October 2020

Related themes: Healthcare Technologies, Digital economy, Engineering, ICT, Manufacturing the future, Mathematical sciences, Physical sciences

Contents of this call document

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Summary

Proceeding from the first call for Transformative Healthcare Technologies, the Healthcare Technologies Theme at EPSRC aims to advance investment in adventurous and high risk multi-disciplinary/interdisciplinary research and innovation drawing on novel engineering, physical sciences, mathematical sciences and ICT to deliver technologies that will impact and transform healthcare by the year 2050. On the second call, EPSRC is collaborating with Medical Research Council (MRC) to target projects that are guided by a longer-term vision to pursue new ideas and develop thinking and approaches supported by the next generation of underpinning science, engineering and emerging technologies in the healthcare space. We are encouraging multidisciplinary teams to apply, including co-collaboration with healthcare professionals, social scientists, patients, and users. Normal EPSRC eligibility rules apply to who can receive funding.

Unlike the first call for Transformative healthcare Technologies, the second call will be administered in two aligned funding streams, the development and delivery phase. EPSRC is currently inviting proposals to the second call for Transformative Healthcare Technologies for offer of awards in the **development stage**.

For the development phase, an initial round of seed funding will be available to analyse, evaluate and establish the attainability of key elements of a research project:

- Up to £6M will be available to seed fund feasibility studies
- About 20 projects will be funded for a 15-month period
- There will be set start date of 01 September 2021
- In the ninth month of the development phase, projects will be invited to submit a bid for the second phase, i.e. the delivery phase.

The delivery phase will fund four to six substantial programmes of research. We envisage that up to £24M will be available for the second stage of the call.

EPSRC is looking for applications that do not just consider health treatment but also homecare, prevention and wellbeing with the overall goal of keeping people physically and mentally healthy. We seek and encourage adventurous ideas, fundamental innovation and interdisciplinary working that have the potential to significantly improve healthcare delivery by 2050. 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

Note that the above are just some examples and not an exhaustive list.

Researchers will be required to identify the impacts and advantages of their project vision, demonstrating the future benefits of the project 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

Applicant's attention is also drawn to the EPSRC Healthcare Technologies Grand Challenges. Further detail is described in the Background section below.

Applications to this call are encouraged across the breadth of engineering, physical sciences, mathematical sciences and ICT with initiatives toward increasing adventurous research in Healthcare Technologies community.

All applications must be predominantly within the remit of EPSRC. Applications which are not within EPSRC remit will be rejected.

This call will only support preclinical and precompetitive research projects, and results will be placed in the public domain.

The call will follow a non-standard format for submissions and assessment, including an anonymous outline stage therefore please read this guidance documentation carefully.

Background

The Healthcare Technologies Theme aims to invest in high risk/high gain research to support the next generation of underpinning science and emerging technologies. The focus of this call is adventurous projects that will transform healthcare for 2050: technologies expected to have an impact within the next 30 years for the NHS, community or home care and an ageing workforce. We are looking to support ambitious projects which are cross-disciplinary and could change the context of healthcare delivery.

EPSRC wishes to encourage new thinking and collaborations (see Co-Creation and Impact section for details on collaborations) which will bring about the technologies to impact the healthcare sector within the next 30 years. Refinement of already established healthcare technologies or programmes would not be supported by this call. A good example of well-known disruptive, innovative technology which have become routine and led to real impact within the healthcare sector is MRI. The discovery of MRI in medicine comprised of an initial study on the differences in tissue proton relaxation among normal tissues and between normal and cancer tissues. This led to the proposal of external nuclear magnetic resonance (NMR) scanning of live human beings and the subsequent development of imaging methods. MRI now serves as a primary diagnostic modality for many clinical problems, can provide information on healthy and diseased tissue and can lead to early detection and treatment of disease.

We particularly welcome projects and collaborations which focus on the needs of the Healthcare Technologies Grand Challenges:

- **Developing Future Therapies:** Supporting the development of novel therapies with technologies to enhance efficacy, minimise costs and reduce risk to patients. Research supported by EPSRC will seek to enhance the efficacy and precision of therapies, improve the efficiency of discovery, lower the cost of manufacturing and reduce the risk to patients from side effects.
- **Optimising Treatment**: Optimising care through effective diagnosis, patient-specific prediction and evidence-based intervention. Research supported by EPSRC will focus on technologies for timely and accurate diagnosis, stratification, predictive modelling, and real-time, evidence-based decision making. The aim is the right treatment at the right time.
- **Transforming Community Health and Care**: Using real-time information to support self-management of health and wellbeing, and to facilitate timely interventions. Research supported by EPSRC will seek to integrate, interpret and communicate information from multiple sources, including real-time sensing, to help individuals stay healthy, and support a collaborative model of care involving patients, healthcare professionals and informal carers. This should empower individuals to self-manage effectively and facilitate timely intervention when necessary.
- **Frontiers of Physical Intervention:** Restoring function, and optimising surgery and other physical interventions to achieve high precision with minimal invasiveness. Research supported by EPSRC will aim to develop prostheses and devices to restore normal function, and develop precise, minimally invasive physical interventions to repair damage or remove disease. Interventions may include established techniques such as surgery,

radiotherapy or high field ultrasound, but we also encourage new approaches to physical treatment.

For more information and the full range of Healthcare Technologies Grand Challenges please visit:
https://epsrc.ukri.org/research/ourportfolio/themes/healthcaretechnologies/strategy/grandchallenges/

Funding available

Up to £6M is available from EPSRC for this call. We envisage to seed fund 15 – 20 studies feasibility over 15 months with a set start date of 1 September 2020.

Application Process

The application process consists of an outline proposal stage followed by an invited full proposal stage. In the first step, anonymised outline proposals will be prioritised by an expert panel after passing an eligibility check. Successful outline proposals will be invited to submit full proposals, which will undergo postal peer review and panel assessment resulting in a rank ordered list.

Please note that the outline proposal will be assessed by both EPSRC staff and a scientific panel with broad expertise, therefore your outline should be written for a generalist scientific audience. Invited full proposals will be assessed by expert peer review and a prioritisation panel.

Co-creation and Impact

EPSRC wishes to ensure that the research it supports through its Healthcare Technologies theme has the greatest chance of achieving a positive impact in human health. End user engagement is particularly important to the successful design of a project which will have long term impact. Applicants should demonstrate that applications are being co-created with relevant stakeholders which may include service users, patient groups, industry, clinicians, social scientists, policy makers and practitioners including allied healthcare workers. Co-creation will be a criterion of assessment for this call, further details can be found in the Assessment Criteria section.

Applications to this call should include plans for engagement with stakeholders that will be essential to achieving an impact in healthcare in 30 years' time. Researchers should consider both the immediate and long-term impact needs of their research and be dynamic in the range of stakeholders considered. Investigators are encouraged to collaborate not only within the EPSRC community but also within the wider UKRI community. Researchers should also consider collaborations from the wider medical community including clinicians and health professions (including physiotherapists etc.). Industrial and charitable engagement where applicable is also encouraged. End user engagement from the outset of the project planning should be included. Applications should include the need for such collaborations, where applicable.

Successful applicants invited to submit a full proposal will be required to develop and execute a strategy for engaging with potential users of the research funded in the project (resources for this activity can be requested as part of the project

and must be justified at full application stage). Applicants should describe how the stakeholders will be involved throughout the project. Researchers are encouraged to consider how they will undertake their work in a manner that maximises the opportunity to generate real-world impact. Researchers are expected to integrate this in the Case for Support. For information on the Case for Support guidance, please visit: https://epsrc.ukri.org/files/funding/calls/case-for-support-guidance/

The Healthcare Technologies theme has created the Impact and Translation Toolkit (https://epsrc.ukri.org/research/ourportfolio/themes/healthcaretechnologies/strategy/toolkit/) to help researchers consider relevant topics including:

- Stakeholder Engagement
- Research Integrity
- Regulation and Quality
- Value

Applicants are advised to review the Impact and Translation Toolkit when forming their research and consider how these topics relate to their proposed programme of work. Not all topics will relate to every project and researchers need not address those which do not. There is no expectation that researchers will undertake all impact activities themselves nor an expectation that researchers will develop extensive expertise in all the areas noted in the toolkit. However, applicants should consider what skills, knowledge and expertise are required and how these will be brought to the project through collaboration, training, consultation or other means.

Note that impact is a core consideration throughout the grant application process and showing how the applicant(s) will maximise the impact of the proposed research should therefore be intrinsic to the proposal itself in a way that is appropriate to the nature and scope of the research being proposed. For example, in proposals focused on discovery research, which is the scope for this call, the proposal may focus principally on the generation of new knowledge.

Equality, Diversity and Inclusion

In line with the UKRI Diversity Principles, EPSRC expects that equality and diversity is embedded at all levels and in all aspects of research practice. We are committed to supporting the research community in the diverse ways a research career can be built with our investments.

The long-term strength of the UK research base depends on harnessing all the available talent. EPSRC expects that equality and diversity is embedded at all levels and in all aspects of research practice and funding policy. We are committed to supporting the research community, offering a range of flexible options which allow applicants to design a package that fits their research goals, career and personal circumstances. This includes career breaks, support for people with caring responsibilities, flexible working and alternative working patterns. With this in mind, we welcome applications from academics who job share, have a part-time contract, or need flexible working arrangements.

Peer review is central to EPSRC funding decisions, we require expert advice and robust decision-making processes for all EPSRC funding initiatives. We are committed to ensuring that fairness is fully reflected in all our funding processes by advancing policy which supports equality, diversity and inclusion.

Please see our Equality and Diversity webpages https://epsrc.ukri.org/funding/equalitydiversity/ for further information.

Equipment

Where possible, researchers are asked to make use of existing facilities and equipment, including those hosted at other universities. If equipment is needed as part of the research proposal, applicants must follow EPSRC's rules for requesting equipment over £10,000 in value. Individual items of equipment between £10,000 and £400,000 can be included on proposals if the equipment is essential to the proposed research and if no appropriate alternative provision can be accessed. Research organisations will be expected to make a 50% contribution to the cost.

Additional justification of the requirement for individual items of equipment between £10,000 and £400,000, and details of the proposed contribution to the cost of the equipment, must be provided in the justification of resources. For any items or combined assets with a value above the OJEU (Official Journal of the European Communities) limit a two-page Equipment Business Case must also be included in the proposal documentation. Guidance on how to prepare an Equipment Business Case can be found on the following webpage: https://www.epsrc.ac.uk/research/facilities/equipment/process/researchgrants/

Unlike standard grant assessments any requests for equipment in excess of £400k will not be assessed by the Strategic Equipment Panel and requests should be included within the call proposal itself. EPSRC will fund any such requests for equipment at 50% FEC up to the value of £400k and at up to 100% FEC for any outstanding value in excess of £400k. Host institutions must provide capital support of at least £200k and may choose to make a larger contribution as part of their wider support for the proposal.

Any items of equipment with a value in excess of £138,000 that are funded on research grants will need to be reported on annually as part of the University's Equipment Account Annual Reports. This will be communicated via an additional grant condition on the research grant.

For more information on equipment funding, please see: https://epsrc.ukri.org/research/facilities/equipment/

Further details can be found in Guidance on writing an application.

Eligibility

Principal Investigators can lead on a maximum of one application and may be named as Co-Investigator on one other.

If you are currently restricted under the Repeatedly Unsuccessful Applicants Policy, you will only be able to submit one full proposal (as PI or Co-I) during the 12 month restricted period.

Outlines must align to one or more of the Healthcare Technologies Grand Challenges

Any proposals whose majority does not fall within EPSRC remit will be rejected prior to the outline panel meeting.

For information on the eligibility of organisations and individuals to receive EPSRC funding, see the EPSRC Funding Guide:
https://epsrc.ukri.org/funding/applicationprocess/fundingguide/

A list of eligible organisations to apply to EPSRC is provided at:
https://www.ukri.org/funding/how-to-apply/eligibility/

How to apply

Submitting an application

Multi-institutional bids should be submitted as a single, combined Je-S proposal form at both outline and full application stage.

You should prepare and submit your proposal using the Research Councils' Joint electronic Submission (Je-S) System (https://je-s.rcuk.ac.uk/).

When adding a new proposal, you should first 'Create New Document' then select:

- Council 'EPSRC'
- Document type 'Outline Proposal'
- Scheme 'EPSRC Outline'
- On the Project Details page, you should select the 'Transformative Healthcare Technologies 2.0 – Outlines' call

There will be one document to upload during Je-S submission, the **Case for Support**.

Note that clicking 'submit document' on your proposal form in Je-S initially submits the proposal to your host organisation's administration, not to EPSRC. Please allow sufficient time for your organisation's submission process between submitting your proposal to them and the call closing date. EPSRC must receive your application by **16:00, 14 October 2020**.

Guidance on the types of support that may be sought and advice on the completion of the research proposal forms are given on the EPSRC website (https://www.epsrc.ac.uk/funding/howtoapply/) which should be consulted when preparing all proposals.

Guidance on writing an application

Applicants will follow a non-standard format as detailed within this call document and submit an **anonymised Case for Support**.
Your submission should include the following documentation: A standard Je-S form and a Case for Support:

1. Je-S Application Form

Project partner contributions are not required at the outline stage. All costs (including equipment costs) may only increase or decrease by a maximum of 10% between the outline and the full proposal stage. *Reviewers will not see the Je-S form.*

2. Case for Support (maximum 5 pages)

This should address the scientific idea and highlight the novelty and adventure of the research area centred within Healthcare Technologies. No track record should be included in this document. It should be anonymous of individual and institution and include the following sections:

- Research Vision and Ambition
- National Importance
- Application co-creation

A. Research Vision and Ambition

This should include a description of the research vision and an overview of the scientific challenges and research that will be involved in realising this. This section should highlight the transformative and adventurous nature of the research and as such the requirement of the research to have first a development stage and then a longer programme of work. The novelty of the research, and fundamental innovation, must be clearly expressed. The science detailed must be clearly articulated to demonstrate that the majority of the research is within EPSRC remit. Any proposals not within remit will be rejected prior to the shortlisting panel meeting.

Researchers should clearly articulate how their vision will impact and transform the healthcare landscape, for example; improving life quality (mental and/or physical), increasing UK productivity and enhancing the resilience of communities.

B. National Importance

Describe the extent to which the research proposed addresses Transformative Healthcare Technologies for 2050 by outlining:

- The need for the development of ambitious near-future technologies expected to have an impact within the next 30 years for the NHS, community or home care and/or an ageing workforce.
- How the research will contribute to, or help maintain the strength of other research disciplines, contribute to addressing key UK societal challenges, contribute to current or future UK economic success and/or enable future development of key emerging industry(s)
- How the research will meet national strategic needs by establishing or maintaining a unique world leading research activity (including areas of niche capability)

Applicants should also comment on how the research contributes to:

- Healthcare Technologies Grand Challenges: https://epsrc.ukri.org/research/ourportfolio/themes/healthcaretechnologies/strategy/grandchallenges/

- Healthcare Technologies Strategy https://epsrc.ukri.org/research/ourportfolio/themes/healthcaretechnologies/strategy/
- The wider EPSRC's research areas and strategies https://epsrc.ukri.org/research/ourportfolio/researchareas/
- Fits with and complements other UK research already funded in the area or related areas, including the relationship to the EPSRC portfolio and our stated strategy set out in https://epsrc.ukri.org/research/ourportfolio/. In particular, how it relates to other funded Programme Grants (https://epsrc.ukri.org/funding/applicationprocess/routes/capacity/programme/fundedgrants/) or large EPSRC or UKRI investments? Where such investments exist in the same research area(s) then please explain why we need to support another one.
- Meeting national strategic needs by establishing or maintaining a unique world leading research activity (including areas of niche capability) which will have an ongoing impact

C. Application co-creation

Applicants must demonstrate application co-creation with relevant and appropriate stakeholders. The co-creation process that is carried out can be explained in detail. Non-academic organisations can be included but where their titles involve place names, care should be taken (e.g. refer to the local NHS Trust rather than their full name). Impact and co-creation collaborations should be forward thinking and must consider the future impact needs of the research. Examples of collaborations may include (but are not limited to): other researchers, patients, clinicians, allied health workers, industry, health economists and policy makers.

Plans for on-going engagement should be briefly discussed but will be more fully assessed at full proposal stage. Details should be provided about any planned new collaborations and how these partners will be engaged in the project.

At outline stage this document will be considered both internally by EPSRC and by the external panel. This anonymous peer review approach is being taken at the Outline stage to ensure that the panel is focussed on the key assessment criteria and cannot be influenced by other factors.

All attachments must be completed in single-spaced typescript in Arial 11 or other sans serif typeface of equivalent size, with margins of at least 2cm. Arial narrow and Calibri are not allowable font types. Text in embedded diagrams or pictures, numerical formulae or references can be smaller, as long as it is legible. Text in tables and figure labels not within embedded diagrams or pictures should be at least 11 point.

Please note that on submission to EPSRC **all** non-PDF documents uploaded onto Je-S are converted to PDF. The use of non-standard fonts may result in errors or font conversion, which could affect the overall length of the document.

In addition, where non-standard fonts are present, and even though the converted PDF document may look unaffected in the Je-S System, when it is imported into the Research Councils Grants System some information may be removed. We therefore recommend that where a document contains any non-

standard fonts (scientific notation, diagrams etc.), the document is converted to PDF prior to attaching it to the proposal.

For general advice on writing proposals see:
https://epsrc.ukri.org/funding/applicationprocess/preparing/

IMPORTANT: The peer review for the outline stage of this call is being performed anonymously and therefore your outline proposal will be considered without members of the panel having knowledge of your identity or affiliation. For that reason, please note that your academic publication or research track record should NOT be included in your case for support, neither should any references that may reveal your identity. **Any submitted applications which reveal your identity in the case for support will be rejected by EPSRC.**

Applicants must avoid revealing their identity or institution(s) in the Case for Support. **EPSRC reserve the right to reject applications that do not meet these requirements.**

Applicants who submit an outline application to this call should clearly articulate the scientific challenges which relate to Engineering, Physical Sciences, Mathematical Sciences or ICT. Although the health challenge, disease or research outcome is necessary for context and national importance, an application focused solely on these aspects will most likely be considered out of remit.

Applicants will be required to demonstrate co-creation and collaboration. These should be explained in general terms to ensure anonymity.

Any proposals where the majority of the research is not within EPSRC remit will be rejected prior to the shortlisting panel meeting.

Each applicant can only submit one proposal as a Principal Investigator.

Assessment

Assessment process

A two-stage assessment process will be used:

- **Stage 1: Outline proposal**

  The outline bids will be considered by EPSRC staff to assess remit and anonymity, following which they will be assessed by an expert outline panel.

  Any applications which are not within the majority of EPSRC remit will be rejected before outline panel. Please find further details about our remit here: https://epsrc.ukri.org/funding/applicationprocess/basics/remit/.

  EPSRC reserves the right to apply additional selection criteria in the event of the call being so substantially oversubscribed as to be unmanageable. EPSRC will not be able to provide feedback to applicants at this stage, due to the number of expected proposals.

- **Stage 2: Full proposal**

  Full proposals, which will not need to be anonymised, will be sent to external peer reviewers for assessment. Any proposals which receive unsupportive comments will be rejected at this stage. If sufficiently positive comments are received, applicants will be invited to respond to these comments. Proposals will be ranked by a prioritisation panel using the reviewers' comments and the PI response.

  Full call document will be published as soon as possible.

  In the event of this call being substantially oversubscribed as to be unmanageable, EPSRC reserve the right to modify the assessment process

Outlines assessment criteria

Shortlisting of outlines will be based on the following criteria:

1) **Research Vision (Primary Criterion)**

   The proposal should articulate:

   - The ambition and transformative aspects in the healthcare space;
   - The adventure i.e. the element of "risk taking" to explore new areas of research or to translate expertise into new application area with anticipated "high gain";
   - The fundamental innovation i.e. the creative idea that will lead to a revolution in thinking and stimulate many other innovations or changes in healthcare technologies;
   - The clinical need, suitability of proposed methodology and appropriateness of the approach to achieving impact.

2) National importance (Secondary Criterion)

Applicant should enunciate the scale and importance of the healthcare challenge the research will address.

Consider:

- how it will transform healthcare
- how it fits with the HT strategy
- how it will address one or more of the Healthcare Technologies Grand Challenges.

3) Application Co-Creation (Secondary Criterion)

There should be an appropriate co-creation strategy in place to ensure that the expected impact of the research outputs is maximised. Collaborations should be forward thinking and must consider the future needs of the research

The process of co-creation should be explained and non-academic partners can be listed. Any organisation with a place name within their title should be presented in a way that retains your anonymity (e.g. refer to the local NHS Trust rather than their full name). Any submitted applications which reveal your identity will be rejected by EPSRC.

Moving forward

Successful outline proposals will be invited to submit a full proposal. The full proposal guidance and assessment criteria will be published on the full proposal call document on the EPSRC website.

Key dates

Activity	**Date***
Deadline for Outline Proposals	14 October 2020
Outline Sifting Expert Panel	w/c 23 November 2020
Invitation for Full Proposals	w/c 30 November 2020
Deadline for Full Proposals	10 February 2020
Full Proposal Prioritisation Panel	June 2021

*EPSRC aims to adhere to the key dates as published, however there may be exceptions where the sift or prioritisation meeting may have to change due to panel member availability.

Contacts

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Healthcare Technologies Theme
Healthcare@epsrc.ukri.org

Your research administration should be able to offer advice about costing your proposal and the Je-S system.

Any queries regarding the submission of proposals through Je-S should be directed to:

• The Je-S helpdesk (JeSHelp@rcuk.ac.uk - 01793 444164).

Please refer to Je-S Homepage for Call Opening Times.

Change log

Name	Date	Version	Change
Michael Onoja	25/08/2020	1	N/A

Je-S attachments Check List

Outline:

Case for Support	Five pages	Mandatory	
Justification for Resources	Two pages	Not required	
Other attachment	No page limit	Not required	

Please ensure you adhere to the above attachment requirements when submitting your proposal. Any missing, over length or unnecessary attachments may result in your proposal being rejected.