Quick Reference

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

Transformative Healthcare Technologies for 2050

Call type: Invitation for full proposals

Closing date: 16.00, 27 August 2019

Funding Available: Up to £25 million is available to fund four to six proposals.

How to apply: Invited full proposal stage and an interview.

Assessment Process: Invited full proposals will undergo postal peer review, followed by assessment at an interview panel resulting in a rank ordered list.

Key Dates:

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<th>Activity</th>
<th>Date</th>
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<tr>
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Additional information:
Principal Investigators can only lead on a maximum of one application and may be named as Co-Investigator on one other.

Contacts:
- Katherine Freeman (Email: Katherine.Freeman@epsrc.ukri.org - Phone: 01793 444 052)
- Iain Larmour (Email: Iain.Larmour@epsrc.ukri.org - Phone: 01793 444 052)
- Healthcare Technologies Theme (Healthcare@epsrc.ac.uk)
Transformative Healthcare Technologies for 2050

Call type: Invitation for full proposals

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Summary

There are many challenges facing the healthcare sector of the future such as; an ageing population, a rise in non-communicable diseases, a prevalent increase in long term co-morbid conditions, the growing costs of treatments and the changes resulting from innovation and technology. Innovative research originating from the Engineering and Physical Science communities has the potential to impact and transform the healthcare landscape; improving life quality (mental, social and physical), increasing UK productivity and enhancing the resilience of communities.

The Healthcare Technologies Theme at EPSRC aims to invest in research which supports the next generation of underpinning science, engineering and emerging technologies. The aim of this call is to build a critical mass of novel Engineering, Physical Sciences, Mathematical Sciences and ICT research which will create technologies that will impact and transform healthcare for the NHS, community care, home care and an ageing workforce by the year 2050. This call has a
budget of at least £25 million available to support a maximum of 4 to 6 proposals.

Applications to this call are encouraged across the breadth of engineering, physical sciences, mathematical sciences and ICT. All applications must be predominantly within the remit of EPSRC. Applications which are not within EPSRC remit will be rejected.

We are 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. EPSRC encourages new ideas, thinking and collaborations, in areas currently underrepresented in our portfolio, to address what could be routine in the NHS and wider healthcare landscape in 30 years’ time. We are keen to develop and help realise the potential of:

- Next-generation digital healthcare systems;
- Engineering healthier environments where people live and work;
- Future affordable and inclusive healthcare solutions;
- Technologies to improve healthcare treatment.

This call will address areas currently underrepresented in our portfolio, further detail is described in the Background section below.

There will be an information day about this call which will be held on 27 March 2019. For details and to sign up to attend please visit the EPSRC website: https://epsrc.ukri.org/funding/calls/transformativehealthtech2050infoday/.

Background

The Healthcare Technologies Theme aims to invest in research to support the next generation of underpinning science and emerging technologies. The focus of this call is Transformative Healthcare Technologies 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 visionary projects which could create a step change in how healthcare is delivered.

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.

Examples of recent well-known disruptive, innovative technologies which have have become routine and led to real impact within the healthcare sector are:

- MRI which 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.

- Automated portable defibrillation or AED, which can significantly increase patient survival rates after cardiac arrest. Defibrillators are increasingly common in many public places.

We particularly welcome projects and collaborations which address underrepresented parts of our portfolio. As such, the Transformative Healthcare
Technologies for 2050 call will focus on the needs of the following two Healthcare Technologies Grand Challenges:

- **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.

It is expected there may be research cross over with other Grand Challenges. However, proposals focusing primarily on the other Grand Challenges will not be accepted. For more information and the full range of Healthcare Technologies Grand Challenges please visit: https://epsrc.ukri.org/research/ourportfolio/themes/healthcaretechnologies/strategy/grandchallenges/

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

Applications to this call are encouraged across the breadth of engineering, physical sciences, mathematical sciences and ICT.

Researchers will be required to demonstrate how their project vision will impact the future of the healthcare sector. Potential future impacts may include,, but are not limited to:

- Transforming the healthcare sector, improving; prevention, prediction, diagnosis and/or treatment of disease;
- Creating frugal 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, wellbeing and/or keeping people healthy;
- 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 with co-morbidities;
• 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.

For more information about EPSRC’s portfolio and strategies, see our website: https://epsrc.ukri.org/research/ourportfolio/

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. Early 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, industry, clinicians, policy makers and practitioners including allied healthcare workers.

Applications to this call should include plans for engagement with new and future stakeholders which are 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 should consider collaborations not only within the EPSRC community but also within the wider UKRI community (for example ESRC and MRC researchers). Researchers should also consider collaborations from the wider medical community including clinicians and allied health professions (including physiotherapists etc.). Industrial and charitable engagement where applicable is also encouraged. Service user engagement from the outset of the project planning should be included.

Applicants are 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 Pathways to Impact). Applicants should describe how any new stakeholders will be involved throughout the project.

The Pathway to Impact in health is often longer and more complex than that seen in other sectors and poses many barriers less commonly encountered by engineering and physical science researchers. As such researchers working in this area are required to consider more carefully how they will undertake their work in a manner that maximises the opportunity to generate real-world impact. The Healthcare Technologies theme 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 is there 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 into the project.

Equality, Diversity and Inclusion

The long term strength of the UK research base depends on harnessing all the available talent and the Research Councils have together developed the ambitious UK Research and Innovation Equality, Diversity and Inclusion Action Plan https://www.ukri.org/files/legacy/skills/action-plan-edi-2016/

In line with the UK Research and Innovation 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. This includes career breaks, support for people with caring responsibilities, flexible working and alternative working patterns. With this in mind, we welcomes applications from academics who job share, have a part-time contract, need flexible working arrangements or those currently committed to other longer, large existing grants. Please see our Equality and Diversity webpages at 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://epsrc.ukri.org/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: http://epsrc.ukri.org/research/facilities/equipment/

**Eligibility**

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

Proposals must align to the Healthcare Technologies Grand Challenges of: Frontiers of Physical Intervention and/or Transforming Community Health and Care.

Although it is expected there may be cross over with other Grand Challenges, invited full proposals focusing primarily on other Grand Challenges will not be accepted.

Please ensure sufficient time to create Je-S accounts for Investigators who do not currently have one.

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.

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 select:

- Council ‘EPSRC’
- Document type ‘Standard Proposal’
- Scheme ‘Programme Grant’
- On the Project Details page you should select the ‘Transformative Healthcare Technologies 2050- Full’ call.

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 on 27 August 2019**.

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://epsrc.ukri.org/funding/applicationprocess/) which should be consulted when preparing all proposals.

Full proposals invited must have the ‘Related Grant’ field completed in Je-S. Please use the option ‘Successful Outline’.

**Guidance on writing an application**

**Full Proposal**

Your submission should include the following documentation: A standard Je-S form, Case for Support, Pathways to Impact, Work Plan, Justification of Resources requested and Project Partner Statement(s) of Support. Specific requirements for this call are set out below. For general guidance on preparing a proposal see: https://epsrc.ukri.org/funding/howtoapply/preparing/

1. **A Standard Je-S form**

2. **Case for Support (nine pages)**

   The case for support must be a single document uploaded to the Joint electronic Submission (Je-S) system which includes the following sections:

   - Two-page track record which demonstrates the international standing of each named investigator and details the relevant expertise that they will bring to the research programme. For the principal investigator, there should be evidence of leadership and management skills.

   - Seven-pages to address the assessment criteria and the following areas:
     - Background
     - Vision and ambition
     - Research objectives
     - Research programme and methodology
     - Added value
     - National Importance (please refer to the National Importance guidance)
     - Relevance to academic beneficiaries
     - Advocacy for engineering and the physical sciences

3. **Management strategy (maximum two pages)**

   This needs to be uploaded to Je-S using the 'additional document' attachment option. It must be a maximum of two pages and should include:
• Strategy for using the flexibility of the resources (both staff and finance)
• Day-to-day management strategy for ensuring individual research projects meet the overall vision for the programme
• Details of the strategy for seeking external advice, including plans for any independent advisory boards
• Monitoring strategy, which should include the major decision points and how this will be used to reassess the direction of the research
• If seeking resource for it, the creativity@home objectives and how this resource will be managed to deliver benefit to the group and research programme

4. Justification of resources
This should be a two page narrative description of the need for the resources requested. See the webpage on how to write a justification of resources for more information.

5. Work plan (maximum one page)
It is not expected that this will be a Gantt chart for the whole time of the project. It is expected though to include a comprehensive plan for the start of the project and then to relate to the management strategy to give appropriate milestones for when important decisions on the direction of the research will be taken.

6. Pathways to Impact (maximum two pages)
Up to two pages explaining what will be done to ensure the potential beneficiaries have the opportunity to benefit. More details on what should be included in this document, and what resources could be sought, can be found on both the UK Research and Innovation, the EPSRC Pathways to Impact webpages and the Impact and Translation Toolkit at https://epsrc.ukri.org/research/ourportfolio/themes/healthcaretechnologies/strategy/toolkit/. Applicants should demonstrate a clear plan for engaging end users, including clinicians, in the research. Applicants must demonstrate application co-creation with relevant and appropriate stakeholders.

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 discussed. Details should be provided about any planned new collaborations and how these partners will be engaged in the project. The process of co-creation should be explained.

Successful applicants will be required to develop and execute a strategy for engaging with potential users of the research funded in the project. Any resources required for this should be included in the pathways to impact section and justified in the justification of resources.
7. Other attachments
The only other standard attachments allowed are as follows. Any other attachments submitted will not be shown to the panel.

- **CV**

CVs are only allowed for named research staff (those supported under Directly Incurred costs).

- **Equipment Quotes**

These should be provided in line with the EPSRC equipment process: [http://epsrc.ukri.org/research/facilities/equipment/process/](http://epsrc.ukri.org/research/facilities/equipment/process/)

- **Letters of Support**

In exceptional circumstances, EPSRC accepts Letters of Support that do not meet the requirements for Project Partner Letters of Support. This occurs when an organisation cannot be listed as a project partner, for example when the host institution wants to detail a proposed contribution to the cost of the equipment or contributing PhD students. However, unless there are exceptional reasons why an organisation cannot meet the requirements to be a project partner, EPSRC will not accept Letters of Support. We do not require letters of support from the advisory body members.

There is no page limit for the Je-S attachment, but a maximum of three letters is permitted and letters should be on headed paper, and be signed and dated within six months of the proposal submission date. A combined pdf from all named Institutions involved will be allowed.

**Ethical Information and Je-S completion guidance**

Applicants should use the Ethical Information section on the Je-S form to demonstrate to peer reviewers that they have fully considered any ethical issues concerning the material they intend to use, the nature and choice, current public perceptions and attitudes towards the subject matter or research area. EPSRC will not fund a project if it believes that there are ethical concerns that have been overlooked or not appropriately accounted for. All relevant parts of the Ethical Information section must be completed. If the research will involve human participation or the use of animals covered by the Animals (Scientific Procedures) Act 1986 it is recommended that applicants pay particular attention to the guidance highlighted below. EPSRC reserves the right to reject applications prior to peer review if the Ethical Information sections are not completed correctly.

Further guidance on completing the Je-S form can be found at: [https://je-s.rcuk.ac.uk/Handbook/pages/GuidanceonCompletingaStandardG/EthicalInformation.htm](https://je-s.rcuk.ac.uk/Handbook/pages/GuidanceonCompletingaStandardG/EthicalInformation.htm). Other relevant guidance includes: EPSRC’s policy on animal use in research ([https://www.epsrc.ukri.org/about/standards/animalresearchpolicy/](https://www.epsrc.ukri.org/about/standards/animalresearchpolicy/)) and the Responsible Innovation Framework ([https://epsrc.ukri.org/research/framework/](https://epsrc.ukri.org/research/framework/)).

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.

For advice on writing proposals see:
Assessment

Assessment process
A three-stage assessment process will be used.

• **Stage 1: Outline Panel**
  
  Please find details of this stage in the outline call document.

• **Stage 2: Postal Peer Review**
  
  Full proposals, which do 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. For applications taken forward to interview, applicants will have the opportunity to respond to peer review comments before the interview panel.

• **Stage 3: Interview Panel**
  
  An interview stage will be held following postal peer review in order to select the final successful proposals. Full details of the interview process will be sent to candidates prior to the interviews.

Assessment criteria

The assessment criteria at the full proposal stage are given below:

• **Quality of research (Primary)**
  
  The proposal must demonstrate that research of the highest quality will be undertaken by a world-leading team. The research programme should be ambitious, creative and innovative addressing key research challenges in healthcare. It should be clearly stated why the challenges are ambitious; applicants should set the proposed research in context of the current state of knowledge and other work under way in the field. The research programme should also be sustainable beyond the lifetime of the grant and have significant impact beyond its immediate group.

  The principal investigator should have brought together a world-class team with complimentary expertise so as to enhance the potential to achieve the vision.

• **National Importance (Secondary Major)**
  
  The proposal must 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:

- 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.

• **Overall vision and ambition (Secondary Major)**

The proposal must articulate the overall research vision of the research programme. It is expected that the research vision will be ambitious, transformative and would result in a significant step change in knowledge and understanding that will have a major impact on the research area. It should significantly raise the international profile of the UK in this area.

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.

• **Added value (Secondary)**

The proposal must demonstrate the need for a large grant, in other words the advantages and benefits of supporting a coherent programme of inter-related projects and other research activities rather than individual project grants. It must also discuss the value of the longer term funding, and how the flexibility of both staff and other resources will be exploited.

• **Leadership quality (Secondary)**

Effective leadership is essential to drive the projects forward, and ensure all members of the team are focused on the overall vision. Leaders need to not only be scientific leaders in their field but also be able to establish
consensus, motivate their staff, and take executive action to ensure the research objectives are met. Often leaders of large grants are required to provide this consistency of vision and focus over teams that span some considerable geographic and scientific spread. The leadership skills needed to drive the research programme forward will primarily be assessed at the interview stage.

- **Management strategy (Secondary)**

  The proposal must demonstrate that there is a clear management plan, which will ensure that resources, including staff resource are deployed in the most effective way to deliver high quality research outputs that have the potential to induce a step-change in the knowledge of the subject area. It is expected that the deliverables and milestones will be routinely reviewed to ensure that the most promising lines of research are pursued and that a strategy will be in place to seek independent external advice. Sufficient resources are assigned to ensure the project is professionally managed.

- **Impact (Secondary)**

  This will specifically focus on the strategy for maximising the potential for successful translation to healthcare products and practices. This includes discussion of topics in the ‘Impact and Translation toolkit’. Applicants should demonstrate a clear plan for engaging end users, including clinicians, in the research.

  Applicants must demonstrate application co-creation with relevant and appropriate stakeholders. 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 discussed. Details should be provided about any planned new collaborations and how these partners will be engaged in the project.

- **Advocacy for engineering and the physical sciences (Secondary)**

  The proposal must demonstrate how the group will be advocates for the engineering and physical sciences. Applicants should specifically address how they will influence its policy makers on the importance of engineering and physical sciences. Advocacy through public engagement activities can also be considered, as long as these activities are directly related to the programme of research applied for. This criterion will solely be assessed at the interview stage.

**Feedback**

The majority of the feedback will be considered to be the reviewer comments shared with applicants prior to the interview panels. Some feedback resulting from the interview panels may be provided.

**Guidance for reviewers**

Information about the EPSRC peer review process and guidance for reviewers can be found at: [https://epsrc.ukri.org/funding/assessmentprocess/review/](https://epsrc.ukri.org/funding/assessmentprocess/review/)
Guidance for reviewing standard grants can be found here:
https://epsrc.ukri.org/funding/assessmentprocess/review/formsandguidancenotes/standardgrants/

**Additional grant conditions (AGCs)**

Grants will be subject to the standard UK Research and Innovation grant conditions however the following additional grant conditions will be added to this call:

- **Collaboration Agreements** - Please also note that before the grant can start there must be a collaboration agreement in place between the universities involved. This should detail the agreed process for managing the resources flexibly, as specified in the management strategy. This is in addition to any agreement with industrial collaborators involved in the programme. EPSRC has noted that these agreements can take a long time to finalise and we advise you to have draft agreements drawn up before the outcome of the full submission is known.

- **User Engagement Strategy** - The Grant holder will be required to develop and execute a strategy for engaging with potential users of the research funded in the project. This strategy should be reviewed and updated regularly as part of the formal management of the grant. It should be considered by the advisory board at their first and then subsequent meetings. The strategy should cover:
  - How and when potential users have been / will be identified
  - What form the engagement will take
  - What steps will be taken to ensure that outputs of the research are made available to potential users
  - Suitable metrics for determining the success of the strategy in delivering value to users

- **Involvement of the EPSRC** - The EPSRC will nominate a Project Officer who will be the EPSRC Contact. The Project Officer should receive all minutes of the advisory board. The Project Officer must be invited to the advisory board meetings.

- **Final Report** - The programme leader will be required to provide a narrative final report in a format specified by the EPSRC at the end of the grant. The EPSRC reserves the right to instigate a review of the grant.

- **Publicity** - It is expected that the EPSRC logo is prominent on any online or printed material (including posters) and that reference to the EPSRC support is made in any written text such as press releases.

- **Advisory board.** Applicants are expected to hold annual independent advisory board meetings. Membership of the advisory board should be agreed with EPSRC. The first meeting should be held within the first six months of the grant.
Submissions to this call will count towards the Repeatedly Unsuccessful Applicants Policy. Further information about the policy can be found at: https://epsrc.ukri.org/funding/howtoapply/basics/resubpol/rua/

**Key dates**

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

**Contacts**

- Katherine Freeman (Email: Katherine.Freeman@epsrc.ukri.org - Phone: 01793 444 052)
- Iain Larmour (Email: Iain.Larmour@epsrc.ukri.org - Phone: 01793 444 052)
- Healthcare Technologies Theme (Healthcare@epsrc.ac.uk)

**Change log**

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<th>Date</th>
<th>Version</th>
<th>Change</th>
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<td>Katherine Freeman</td>
<td>08/02/2019</td>
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**Je-S attachments Check List**

**Standard:**

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<th>Attachment Type</th>
<th>Maximum Page length</th>
<th>Mandatory/Optional</th>
<th>Extra Guidance</th>
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<tbody>
<tr>
<td>Case for Support</td>
<td>Nine pages</td>
<td>M</td>
<td>Comprising up to two A4 sides for a track record, and seven A4 sides describing proposed research and its context.</td>
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<tr>
<td>Section</td>
<td>Pages</td>
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<td>Notes</td>
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<tr>
<td>Pathways to Impact</td>
<td>Two pages</td>
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<tr>
<td>Workplan</td>
<td>One page</td>
<td>M</td>
<td></td>
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<tr>
<td>Justification for Resources</td>
<td>Two pages</td>
<td>M</td>
<td>For named and visiting researchers, and researcher co-investigators only.</td>
</tr>
<tr>
<td>CVs</td>
<td>Two pages each</td>
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<td>As Required by EPSRC</td>
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<tr>
<td>Project Partner Letters of Support</td>
<td>No page limits</td>
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<td>Letters of Support</td>
<td>No page limits</td>
<td>As Required by EPSRC</td>
<td>In exceptional circumstances a maximum of three letters can be submitted.</td>
</tr>
<tr>
<td>Equipment Quotes</td>
<td>No page limits</td>
<td>As required by EPSRC</td>
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</tr>
<tr>
<td>Equipment Business Case</td>
<td>Two pages each</td>
<td>As required by EPSRC</td>
<td>Required for any items or combined assets with a value above the OJEU limit.</td>
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<tr>
<td>Technical assessment</td>
<td>No page limit</td>
<td>As required by EPSRC</td>
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<tr>
<td>Proposal Cover Letter</td>
<td>No page limit</td>
<td>Optional</td>
<td>The cover letter can be used to highlight any important information to EPSRC. This attachment type is not seen by reviewers or panel members.</td>
</tr>
<tr>
<td>Other attachment</td>
<td>No page limit</td>
<td>As required, at EPSRC request only</td>
<td>This can be used for a document that does not fit under any of the other categories.</td>
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<tr>
<td>Additional Attachment (Management Strategy)</td>
<td>Two Pages</td>
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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.