<table>
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<tr>
<th>TSC Category</th>
<th>Evidence-based Practice</th>
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<tr>
<td>TSC</td>
<td>Research Proposal Development</td>
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<tr>
<td>TSC Description</td>
<td>Develop research questions, proposals and study protocols</td>
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<tr>
<th>TSC Proficiency Description</th>
<th>Level 1</th>
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- Participate in small and/or simple research proposal development with guidance
- Undertake small and/or simple research proposal development and provide guidance to junior researchers
- Undertake larger and/or more complex research proposal developments and lead a team of researchers on research proposal development
- Consult at a national or international level for research proposal development

**Knowledge**

- Current literature related to therapy
- Research methods and processes
- Search strategies and databases available
- Research hypotheses formulation procedures
- Research ethics
- Current therapy trends and issues which may benefit from research validation
- Ongoing research initiatives and/or projects in the areas that are relevant to proposed research
- Criteria or pre-requisites for securing funding
- Clinical expertise in areas of research
- Current and emerging therapy trends and issues which may benefit from research validation
- Impact of proposed research on current clinical practice
- Advanced research methodologies
- Research quality management principles and practices
- Implementation risks associated to research
- Best practices in data management
- Principles of mentoring
- Emerging advanced research approaches
- Emerging trends and development on research governance, including ethics, data protection and confidentiality
- National or international agendas with regard to policies and standards of therapies

**Abilities**

- Perform critical evaluation of current literature with guidance
- Formulate research hypotheses and objectives with guidance
- Translate research objectives and findings applicability to current issues in profession with guidance
- Perform critical evaluation of current literature
- Formulate research hypotheses and objectives
- Translate research objectives and findings applicability to current issues in profession
- Plan budget and resource requirements under guidance
- Translate and communicate holistic view of research objectives and findings to multidisciplinary practitioners and relevant industry stakeholders
- Develop quality management systems for the whole research, and for multicentre sites where appropriate
- Develop data management plans in
- Facilitate the involvement of service users, staff and/or students to co-design and co-produce aspects of research and/or service development
- Develop strategic approaches to influence local, national and international guidelines and research agendas based on best evidence or research
- Supervise undergraduates, Masters and PhD university projects
### Skills Framework for Healthcare

#### Technical Skills and Competencies (TSC) Reference Document

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| • Assist with developing proposals with good flow, tying together research objectives, methodologies and applicability | • Develop proposals with good flow, tying together research objectives, methodologies and applicability |
| • Contribute to designing participant flow processes with visit schedules, recruitment strategies, and time-points for sample taking | • Design overall project plans for research projects according to evidence-based practice guidelines, including project management plans |
| • Contribute to research processes related to ethics, including participant information leaflets, and informed consent forms with guidance | • Design participant flow processes with visit schedules, recruitment strategies, and time-points for sample taking |
| | • Design research processes related to ethics including participant information leaflets, and informed consent forms |
| | • Design practical communication plans to circulate information to participants and to other key research stakeholders |

### Additional Skills:

- Develop plans for audits at different research sites, if applicable
- Develop Standard Operating Procedures (SOPs) to operationalise research plans
- Design risk management plans that address any safety and negative implications of research
- Identify trends and changes in the health, well-being and needs of a population to formulate critical questions which warrant further research, audits or service evaluations
- Lead funding proposals, and/or contribute to larger proposals with more experienced colleagues
- Contribute to the development and evaluation of guidelines and policies at a local, regional and/or national level
- Mentor therapists in developing research proposals

- Create a culture which supports others to engage in research and service improvement such as initiate and/or co-ordinate local, regional and/or international research programmes
- Provide input at a national or international level for research direction for the profession