

**SKILLS FRAMEWORK FOR HEALTHCARE
TECHNICAL SKILLS AND COMPETENCIES (TSC) REFERENCE DOCUMENT**

TSC Category	Evidence-based Practice					
TSC	Research Proposal Development					
TSC Description	Develop research questions, proposals and study protocols					
TSC Proficiency Description	Level 1	Level 2	Level 3	Level 4	Level 5	Level 6
			HCE-RND-3012-1.1	HCE-RND-4012-1.1	HCE-RND-5012-1.1	HCE-RND-6012-1.1
			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			<ul style="list-style-type: none"> • Current literature related to therapy • Research methods and processes • Search strategies and databases available • Research hypotheses formulation procedures • Research ethics 	<ul style="list-style-type: none"> • 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 	<ul style="list-style-type: none"> • 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 	<ul style="list-style-type: none"> • 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			<ul style="list-style-type: none"> • 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 	<ul style="list-style-type: none"> • 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 	<ul style="list-style-type: none"> • 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 	<ul style="list-style-type: none"> • 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

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			<ul style="list-style-type: none"> • Assist with developing 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 • Contribute to research processes related to ethics, including participant information leaflets, and informed consent forms with guidance 	<ul style="list-style-type: none"> • Develop proposals with good flow, tying together research objectives, methodologies and applicability • Design overall project plans for research projects according to evidence-based practice guidelines, including project management plans • 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 	<p>accordance with Good Clinical Practice guidelines</p> <ul style="list-style-type: none"> • 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 	<ul style="list-style-type: none"> • 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
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