**Nursing competencies in genomics: revised framework 2022**

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| **1. Identify individuals who might benefit from genomic services and/or information as part of assessing needs and planning care:**   * recognising the importance of family history in assessing predisposition to disease, * recognising the key indicators of a potential genomic condition, or clinical situation where genomics informed healthcare would be appropriate, * based on an awareness of the care pathways that incorporate genomics services and information, * taking appropriate and timely action to seek assistance from and refer individuals to genomics specialists, other specialists and peer support resources. |
| **2. Demonstrate the importance of communication in tailoring genomic information and services to the individual:**   * recognising factors e.g. ethnicity, culture, religion, ethical values, developmental stage or language, that may influence the individual’s ability to use information and services, * listening to and acknowledging an individual’s prior experience or stage in their diagnosis/treatment journey, * demonstrating the use of appropriate communication skills in relation to the individual’s level of understanding of genomic issues. |
| **3. Advocate for the rights of all individuals to make their own informed decisions and voluntary action:**   * understanding the importance of delivering genomic information and counselling fairly, accurately and without coercion or personal bias to facilitate decision making and manage expectations, * recognising that personal values of self and individuals may influence the care and support provided during decision-making, and that choices and actions may differ over time, * ensuring that the consent process is person centred, * promoting and supporting equitable access to genomic services. |
| **4. Demonstrate a knowledge and understanding of the role of genomic and other factors in human development and variation; maintaining health; and in the manifestation, modification and prevention of disease expression, to underpin effective practice:**   * which includes core genomic concepts that form a sufficient knowledge base for understanding the implications of different conditions and clinical situations that may be encountered. |
| **5. Apply knowledge, understanding and context of genomic testing and information to underpin care and support for individuals and families prior to, during and following decision-making:**   * including types, uses and limitations of genomic tests to prevent, predict or treat a health condition, * recognising that decision-making and testing in some situations may be time-critical. * incorporating awareness of the ethical, legal and social issues related to testing, recording, sharing and storage of genomic information and data, * incorporating awareness of the potential physical, emotional, psychological and social consequences of genomic information for individuals, family members, and communities. |
| **6. Examine your own competency of practice on a regular basis:**   * recognising areas where professional development related to genomics would be beneficial, * maintaining awareness of clinical developments in genomics that are likely to be of most relevance to your area of practice, seeking further information on a case-by-case basis, * based on an understanding of the boundaries of your professional role in delivering genomic healthcare including the referral, provision or follow-up to genomic services. |
| **7. Obtain and communicate reliable, current information about genomics, for self, patients, families and colleagues:**   * using information technologies and other information sources effectively to do so, * applying critical appraisal skills to assess the quality of information accessed, * ensuring the information is appropriate for the intended audience. |
| **8. Provide ongoing nursing care and support to patients, carers, families and communities with genomic healthcare needs:**   * being responsive to changing needs through the life-stages and during periods of uncertainty, * demonstrating awareness about how a genomic test result can have implications for family members and might impact on family dynamics, * working in partnership with family members, MDT and other agencies in the management of conditions, * recognising the potential expertise of individuals, family members and carers with genomic healthcare needs, that develops over time and with experience. * promote healthy behaviours that may be beneficial to alleviate symptoms or where applicable implement management strategies or lifestyle changes to help reduce risk. |