

Publication

Advanced nursing practice and research contributions to precision medicine

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Genomic discoveries in the era of precision medicine hold the promise for tailoring healthcare, symptom management, and research efforts including targeting rare and common diseases through the identification and implementation of genomic-based risk assessment, treatment, and management. However, the translation of these discoveries into tangible benefits for the health of individuals, families, and the public is evolving.; In this article, members of the Genetics Expert Panel identify opportunities for action to increase advanced practice nursing and research contributions toward improving genomic health for all individuals and populations.; Identified opportunities are within the areas of: bolstering genomic focused advanced practice registered nurse practice, research and education efforts; deriving new knowledge about disease biology, risk assessment, treatment efficacy, drug safety and self-management; improving resources and systems that combine genomic information with other healthcare data; and advocating for patient and family benefits and equitable access to genomic healthcare resources.

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