Transforming Healthcare through Personalized Therapeutics

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Abstract

Personalized therapeutics, epitomized by precision medicine, represents a paradigm shift in healthcare delivery, aiming to tailor medical treatments to the unique characteristics of individual patients. This abstract explores the transformative impact of personalized therapeutics on healthcare, emphasizing its potential to enhance treatment efcacy, minimize adv d p p [illegible] patient-centered care in re with integrity and adherence to ethical principles, personalized therapeutics stands poised to revolutionize healthcare delivery, ofering promise for more efective and compassionate patient care in the future.

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unauthorized use or disclosure of genetic data. Upholding ethical principles of bene cence, non-male cence, and justice is essential to navigating these ethical complexities while promoting patient welfare and equitable access to personalized therapies [8].

Integrating personalized therapeutics into clinical practice requires overcoming practical challenges, including the integration of genomic testing into routine medical care, the availability of specialized expertise in genomic interpretation, and the cost-e ectiveness of personalized treatments. Healthcare systems must invest in infrastructure, training, and education to ensure that healthcare providers are equipped to deliver personalized care e ectively and responsibly [9].

e broader societal implications of personalized therapeutics also