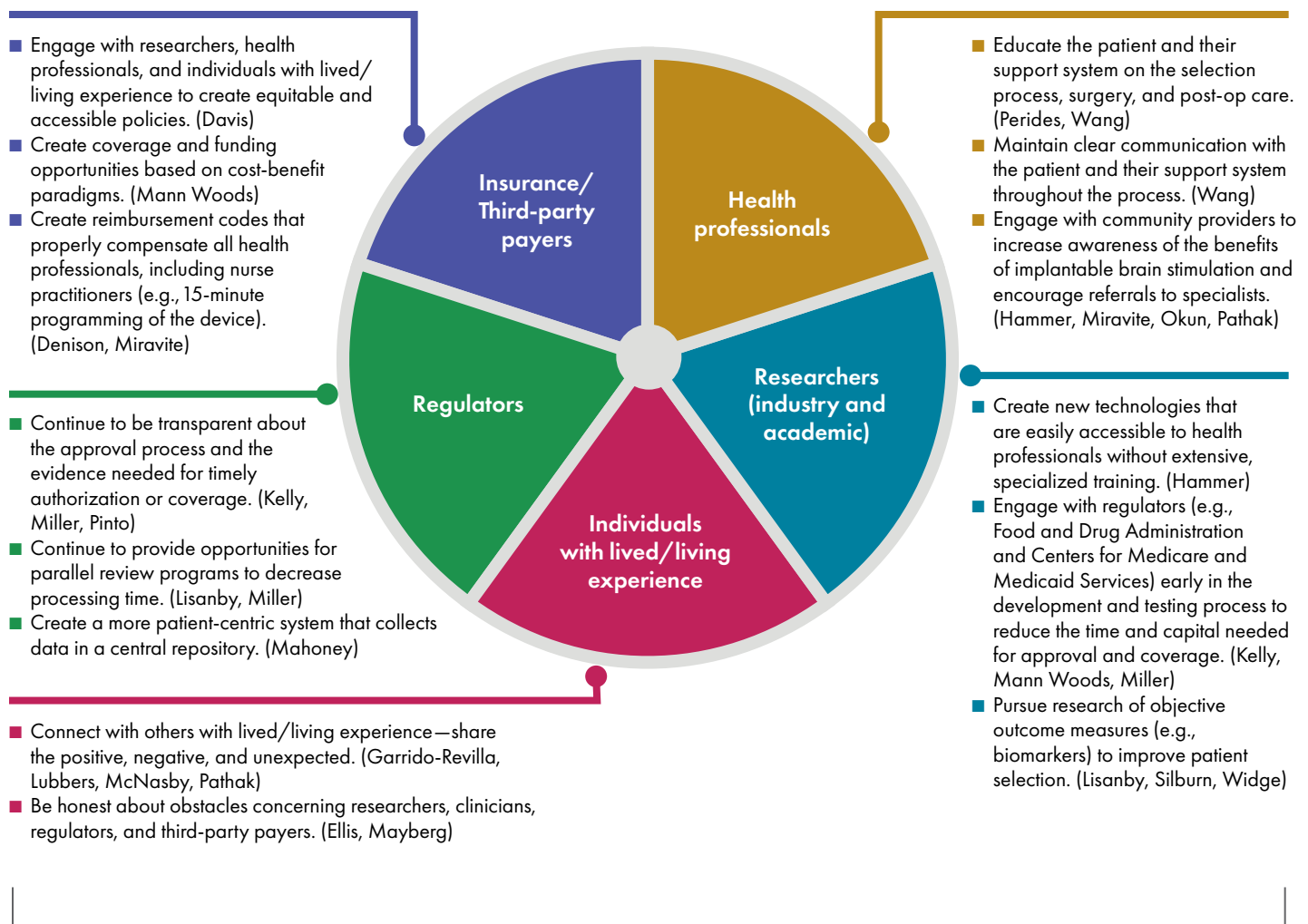


Exploring the Adoption of Implantable Brain Stimulation into Standard of Care for Central Nervous System Disorders

Despite the profound role of implantable brain stimulation in recent neuroscience research, and increased use in clinical care, the technology has not been fully integrated into the standard of care for central nervous system (CNS) disorders. In October 2023, the National Academies' Forum on Neuroscience and Nervous System Disorders convened experts from academia, industry, government, philanthropic foundations, disease-focused non-profit organizations, and individuals with lived/living experience for a public workshop examining the possible barriers to the adoption of implantable brain stimulation and the potential strategies to increase access and scalability. Outlined below are specific actions different groups can take to benefit integration efforts.

How can different groups advance the adoption of implantable brain stimulation, if needed?



All Groups

- Include individuals with lived/living experience throughout research, clinical, and regulatory processes. (Denison, Hammer, Mayberg, Pathak)
- Dismantle socioeconomic and demographic disparities that may prevent individuals from accessing implantable brain stimulation. (Ellis, Pulliam)