

Evaluating Clinical Utility *in a Precision Medicine Setting* *an Expanded, 360° Patient-Inclusive Approach*

Elements pertinent to Payers

Avoids Low-Value Therapies: provides actionable information that physicians use to rule out ineffective or low-clinical-value treatments

Generates Cost Savings: provides actionable information that physicians, health systems and payers use to generate cost savings

Helps Achieve Health Equity: increases opportunities for everyone to access new technologies that ensure timely, high-quality diagnosis/treatment

Easily Implemented: readily operationalized to accommodate existing care team cultures/processes/workflows and eliminate barriers to adoption

Elements pertinent to Physicians

Influences Clinician Treatment: provides actionable information that physicians use to influence their medical course of action and Tx determination

Bolsters Diagnostic Thinking: provides physicians with information that strengthen/weaken their decision-making about a diagnosis hypothesis

Shortens Time to Diagnosis: provides actionable information that physicians use to reach a diagnosis earlier by identifying/ruling out potential ones

Accelerates Speed to Therapy: provides actionable information that is used by physicians to identify or rule out potential Tx approaches quickly

Identifies Clinical Trial Options: provides information that physicians use to identify clinical trial options earlier

Elements pertinent to Patients and Caregivers

Reflects Patient Preferences: embraces the unique values/desires/attitudes/perceptions that drive patient choices re: healthcare decision-making

Enables Informed Decision-Making: increases patient understanding of their disease/diagnosis/prognosis/Tx options for more informed decisions

Facilitates Patient Empowerment: provides information to empower patients, facilitate shared decision making, take a more active role in their care

Supports the Value of Knowing: provides risk-averse patients with diagnostic information to reduce the mental burden re: Tx response uncertainty

Leverages the Value of Hope: incentivizes some risk-taking re: Tx options with a wider range of outcomes that offer the possibility of longer survival

Lessens Patient Stress/Anxiety: mitigates patient concern/worry re: not knowing that all viable treatment options have been identified/considered

Raises Caregiver Awareness: enhances support team's understanding of the ramifications of Tx options re: patient function, career, finances, etc.