Medication-taking Across the Care Continuum and Adherence-related Outcomes (MACO) Framework

Clinical Encounters

Patient

Provider

Interpersonal Communication

Medication Prescribed

Decision Intention to take medication?

No

Intentional Nonadherence

Yes

Pharmacy Encounters

Script Delivered to Pharmacy

Decision Intention to take medication?

Yes

Medication picked up from pharmacy?

No

Intentional nonadherence

Yes

Intentional nonadherence

Unintentional nonadherence

First fill/refill adherence

Day-to-Day Home Management

Decision Intention to take medication?

Yes

Manage side effects, create routines, prioritize medications, prepare correct doses, use prompts, self-monitor?

No

Trial-and-error behaviors

Inconsistent medication-taking

Yes

Consistent medication-taking

No

Intentional nonadherence

Unintentional nonadherence

Decision Intention to continue taking medication?

Yes

Prescription requires refill?

No

Consistent medication-taking

Yes

Inconsistent medication-taking

Uncontrolled Disease (e.g., uncontrolled hypertension)

Yes

Controlled Disease (e.g., controlled blood pressure)

No

Uncontrolled Disease (e.g., uncontrolled hypertension)

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