APPENDIX TABLE A-1. Economic Outcomes Relevant to PCOR Analysis of Health Care Interventions and Treatments

| Economic Outcome Category | Economic Outcome Measure(s) | Economic Outcome Description | Economic Outcome Example(s) | Patient/ Family Perspective | Caregiver Perspective | Employer Perspective | Payer/ Insurer Perspective |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Direct Medical Costs | Paid/reimbursed amounts | Amount that insurer pays a provider for any type of covered medical care | Paid for physician, inpatient, outpatient, pharmacy/drug, lab |  |  | X | X |
| Out-of-pocket (OOP) health care costs | Amount that individuals are responsible for after insurance | Copayments, coinsurance, deductibles, etc. associated with any covered service, including (1) costs associated with adverse events due to medical treatment, and (2) alternative medical treatments (e.g., acupuncture, massage, psychotherapy, personal trainers, and health coaches) | X |  |  |  |
| Other OOP medical expenses | Health-related expense not covered by an insurance plan | Over-the-counter drugs, other services not covered by insurance including (1) costs associated with adverse events due to medical treatment, (2) alternative medical treatments (e.g., acupuncture, massage, psychotherapy, personal trainers, and health coaches), or (3) genetic testing | X |  |  |  |
| Insurance premiums | Premium cost to purchase any type of health insurance | Health, dental, vision, drug, long-term care insurance, etc. | X |  | X |  |
| Direct  Non-Medical Costs | Transportation costs | Transportation costs associated with seeking medical care | Bus, taxi, car, mileage, gas, parking, etc. | X | X |  |  |
| Travel costs (non-transportation) | Other non-transportation travel costs associated with seeking medical care | Hotel, food, etc. | X | X |  |  |
| Vehicle modification costs | Costs associated with accessibility changes to personal vehicle | Wheelchair lift for a car | X | X |  |  |
| Child care and other child-related expenses | Paid care when patient cannot do this due to medical needs | Babysitter, nanny - in or out of home, paid tutoring, or homeschooling | X | X |  |  |
| Housekeeping costs | Paid care when patient cannot do this due to medical needs | Housecleaner | X | X |  |  |
| Elder care costs | Paid care when patient cannot do this due to medical needs | Elder care - in or out of home | X | X |  |  |
| Special food costs | Costs associated with dietary modifications for medical treatment or condition | Prep for colonoscopy | X | X |  |  |
| Home modification costs | Costs associated with accessibility changes at home | Bath, shower, stairs, ramps | X | X |  |  |
| Relocation/moving costs | Costs incurred from a long-term, permanent move associated with treatment or condition | Cost of rent or mortgage associated with moving into a more accessible home, educational costs incurred by patient’s family members (e.g., children) because of relocation | X | X |  |  |
| Clothing/ laundry costs | Costs associated with specific modifications needed for medical treatment or condition | Hospital gown for home use | X | X |  |  |
| Time costs: Health care seeking | Any time-related costs associated with health service, medical treatment, or condition | Time in doctor's office, waiting, receiving care, etc. | X | X |  |  |
| Time costs: informal caregiving | Time spent caring for patient needs as a result of their medical treatment or condition | Value of assistance (time) from an unpaid relative or friend |  | X |  |  |
| Indirect Costs | Lost wages from absenteeism | Work loss (days/hours) associated with medical treatment or condition | Missed work | X | X | X |  |
| Lost wages from reduced productivity (presenteeism) | Reduced productivity on the job, associated with medical treatment or condition | Less productive on the job | X | X | X |  |
| Time Costs: Home Production and Leisure | Reduced home productivity and leisure associated with medical treatment or condition | Activity limitation days | X | X |  |  |
| Lost wages and benefits from losing work | Voluntary unemployment, involuntary unemployment, early retirement, or exit from labor force due to disability associated with medical treatment or condition | Labor force participation; retirement; permanent disability affecting work or career and associated earnings and benefits | X | X |  |  |