Table D37. Health utilization outcomes 1

| Author, YearTrial Name | Health utilization 1 | Description of Timing of Measurement of Outcome | Data source | N | Results |
| --- | --- | --- | --- | --- | --- |
| Janson et al., 200921NA | Beta-agonist use, During intervention(T0-T1), following intervention (T1-T2), and for entire study duration (T0-T2) | collected once at the end of each time period, reported as incidence rate ratios | NR | G1: 45G2: 39 | **T0-T1**: G1: 0.6G2: 0.8p: 0.01**T1-T2**: G1: 0.5G2: 0.5p: 0.98**T0-T2**:G1: 0.3G2: 0.4p: 0.3 |
| Katon et al., 199625NA | Visits with primary care physician | 6-month period after the primary care referral visit | medical records | NR | Mean (SD)G1: 4.6 (2.6)G2: 4.1 (2)p: 0.19 |
| Katon et al., 199926NAKaton et al., 200227NA | Mean number of visits with primary care providers(Reported in 9123) | Measured at 12 weeks & 6 months | Not indicated; likely to be documented study managers or psychiatrist | NR | **Mean (SD) at 12 weeks**G1: 1.6 (1.8)G2: 1.8 (1.8)Chi-square: 1.46p: 0.23**At 6 mos**G1: 3.4 (4.3)G2: 3.3 (3.1)Chi-square: 0.35p: 0.55 |
| Katon et al., 199524NA | Primary care physician visits for depression (non-study visits)Intervention patients: Number of study visits for collaborative care intervention | 1-year period beginning with the primary care referral visit | HMO medical records | G1: 108G2: 109 | Mean number of visits (SD): G1: 4.5 (3.7)G2: 3.7 (2.4)Intervention: (N=G1=108)Mean # study visits (SD)3.9 (2.5) |
| Katon et al., 199625NA | Seen by mental health specialist | First 12 weeks after the primary care referral visit6-month period after primary care referral visit | medical records | NR | **% seen by mental health specialist (first 12 weeks)**G1: 20%G2: 29%p: 0.21**% seen by mental health specialist (first 6 months)**G1: 24%G2: 33%p: 0.21 |
| Murray et al. (continued), 200736NA | All-cause Hospitalizations | Timeframe: 30 days. Assessed via monthly telephone interviews x 12 | Ascertained through monthly interviews, confirmed (?) by medical record review by an RN | G1: 122G2: 192 | Mean (SD)G1: 0.78 (1.66), 0 medianG2: 0.97 (1.78), 0 medianIRR 0.81 (95% CI, 0.64 to 1.04)p: NR |
| Murray et al., 200736NA | Combined all-cause ED visits and Hospitalizations | Timeframe: 30 days. Assessed via monthly telephone interviews x 12 | Ascertained through monthly interview, confirmed by medical record review by an RN | G1: 122G2: 192 | Mean (SD)G1: 2.94 (4.69), 1 medianG2: 3.65 (6.26), 1.5 medianIRR 0.82 (95% CI 0.72 to 0.93)p: NR |
| Rich et al., 199642NA | Number of patients having readmissions | Measured during 90 days following discharge | NR | G1: 80G2: 76 | G1: 18 (22.5%)G2: 22 (28.9%)95% CI, NRp: NS. |
| Ross et al., 200444NR | Number of patients with hospitalizations (%); Number of hospitalizations | NR | chart review | G1: NRG2: NR | **Number of pts** (%)G1: 11 (20%)G2: 12 (23%)95% CI, NR p: 0.81;**Number of hospitalizations**G1: 22G2: 2195% CI, NRp: 1.00 |
| Rudd et al., 200445NA | Number of medication changes over 6 months in each group | NR | NR | NR | G1: 223 (6 SD)G2: 52 (1 SD) 95% CI, NR p: <0.01 |
| Schneider et al., 200849NA | Emergency department visits and hospitalizations | 6 and 12 months for the past 6 months | Medical chart review | G1: 47G2: 38 | G1: NRG2: NR95% CI, NRp: NRNumbers not reported, but results were NS |
| Solomon et al., 199854NAGourley et al., 199855NA | Hypertension group: Emergency room visits in 4 weeks prior, compared between groups | Visit 5, at between 4 and 6 months | Self-report by patient | G1: 63G2: 61 | G1: 0.05 (0.22 SD)G2: 0.13 (0.39 SD)95% CI, NRp: NR |
| Weymiller et al., 200762Statin Choice Randomized TrialJones et al., 200963Statin Choice Randomized Trial | Statin therapy start among those not already receiving it | Twice, immediately after clinician visits & during 3 month follow-up | Self-report | G1: 23G2: 19 | **BL (N (%))** G1: 7 (30%)G2: 4 (21%) 95% CI, NRp: NR**Follow-up (N (%))** G1: 9 (39%)G2: 6 (32%)95% CI, NRp: NROdds ratio: 1.595% CI, 0.3 to 6.8p: NR |
| Wilson et al., 201065Better Outcomes of Asthma Treatment (BOAT); note that there is online supplemental material for methods and timeline | average asthma related visits per year | measured once at end of year 1, includes entire year | electronic records from KP | G1: 204G2: 204G3: 204 | G1: 1.0/yrG3: 1.4/yrGroup differences:-0.3695% CI, -0.66 to -0.07p= 0.0161 G1:1.0/yrG2:1.1/yrGroup differences: 0.0195% CI, -0.29t o 0.30p: =.97G2: 1.1/yrG3: 1.4/yrGroup differences: -0.3795% CI, -0.67 to -0.07p: 0.0147 |