**SUPPLEMENTARY TABLE 1.** Outcomes assessed one day after the clinic visit among patients who brought the biologics fact sheet or IBD&me personalized report to their clinic visit.

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| --- | --- | --- | --- |
| **Variable** | **Biologics fact sheet****(n=31)** | **IBD&me interactive decision aid****(n=21)** | **P-value** |
| Shared decision making, SDM-Q-9 (0-100; higher=better) | 74.0 ± 26.4 | 75.4 ± 22.7 | 0.83 |
| Decisional conflict, DCS (0-100; lower=less decisional conflict) |  |  |  |
|  Informed subscale | 15.9 ± 13.7 | 27.8 ± 33.1 | 0.13 |
|  Values clarity subscale | 20.7 ± 22.8 | 22.2 ± 30.3 | 0.85 |
| Patient satisfaction, PSQ-18 (20-100; higher=better) |  |  |  |
|  General satisfaction subscale | 88.1 ±16.2 | 86.7 ± 13.2 | 0.73 |
|  Interpersonal manner subscale | 92.6 ± 11.2 | 93.8 ± 11.6 | 0.71 |
|  Communication subscale | 91.0 ± 13.5 | 90.5 ± 13.2 | 0.90 |
|  Time spent with doctor subscale | 84.5 ± 17.1 | 87.6 ± 13.7 | 0.47 |
| DCS, Decisional Conflict Scale; PSQ-18, Patient Satisfaction Questionnaire Short Form; SDM-Q-9, 9-Item Shared Decision-Making Questionnaire.Data are presented as mean ± SD. The Student t-test was used to compare groups. |

**SUPPLEMENTARY TABLE 2.** Outcomes assessed one day after the clinic visit among biologic naïve patients.

|  |  |  |  |
| --- | --- | --- | --- |
| **Variable** | **Biologics fact sheet** | **IBD&me interactive decision aid** | **P-value** |
| **ITT—patient randomized to biologics fact sheet or IBD&me group**  | n=9 | n=11 |  |
| Shared decision making, SDM-Q-9 (0-100; higher=better) | 64.4 ± 38.7 | 72.5 ± 19.5 | 0.58 |
| Decisional conflict, DCS (0-100; lower=less decisional conflict) |  |  |  |
|  Informed subscale | 10.2 ± 12.3 | 38.6 ± 27.5 | 0.01 |
|  Values clarity subscale | 16.7 ± 17.7 | 43.2 ± 31.1 | 0.03 |
| Patient satisfaction, PSQ-18 (20-100; higher=better) |  |  |  |
|  General satisfaction subscale | 86.7 ± 17.3 | 80.9 ± 20.2 | 0.50 |
|  Interpersonal manner subscale | 93.3 ± 14.1 | 88.2 ± 14.0 | 0.43 |
|  Communication subscale | 90.0 ± 18.0 | 84.5 ± 16.3 | 0.49 |
|  Time spent with doctor subscale | 83.3 ± 21.8 | 79.1 ± 17.0 | 0.64 |
|  |  |  |  |
| **Modified ITT—patient acknowledged receiving email with instructions to review biologics fact sheet or IBD&me** | n=8 | n=8 |  |
| Shared decision making, SDM-Q-9 (0-100; higher=better) | 72.5 ± 32.3 | 74.4 ± 21.6 | 0.89 |
| Decisional conflict, DCS (0-100; lower= less decisional conflict) |  |  |  |
|  Informed subscale | 11.5 ± 12.5 | 37.5 ± 28.5 | 0.04 |
|  Values clarity subscale | 18.8 ± 17.7 | 38.5 ± 31.2 | 0.15 |
| Patient satisfaction, PSQ-18 (20-100; higher=better) |  |  |  |
|  General satisfaction subscale | 88.8 ± 17.3 | 85.0 ± 20.0 | 0.69 |
|  Interpersonal manner subscale | 97.5 ± 7.1 | 92.5 ± 8.9 | 0.23 |
|  Communication subscale | 95.0 ± 10.7 | 88.8 ± 13.6 | 0.32 |
|  Time spent with doctor subscale | 86.2 ± 21.3 | 81.2 ± 18.9 | 0.63 |
|  |  |  |  |
| **Per protocol—patient reviewed biologics fact sheet or IBD&me prior to clinic visit** | n=8 | n=6 |  |
| Shared decision making, SDM-Q-9 (0-100; higher=better) | 72.5 ± 32.3 | 73.3 ± 24.4 | 0.96 |
| Decisional conflict, DCS (0-100; lower=better=less decisional conflict) |  |  |  |
|  Informed subscale | 11.5 ± 12.5 | 36.1 ± 33.2 | 0.13 |
|  Values clarity subscale | 18.8 ± 17.7 | 34.7 ± 35.9 | 0.35 |
| Patient satisfaction, PSQ-18 (20-100; higher=better) |  |  |  |
|  General satisfaction subscale | 88.8 ± 17.3 | 86.7 ± 19.7 | 0.84 |
|  Interpersonal manner subscale | 97.5 ± 7.1 | 90.0 ± 8.9 | 0.12 |
|  Communication subscale | 95.0 ± 10.7 | 86.7 ± 15.1 | 0.28 |
|  Time spent with doctor subscale | 86.2 ± 21.3 | 78.3 ± 20.4 | 0.50 |
| DCS, Decisional Conflict Scale; ITT, intention-to-treat; PSQ-18, Patient Satisfaction Questionnaire Short Form; SDM-Q-9, 9-Item Shared Decision-Making Questionnaire.Data are presented as mean ± SD. The Student t-test was used to compare groups. |

**SUPPLEMENTARY TABLE 3.** Outcomes assessed one day after the clinic visit among patients seen at the Cedars-Sinai IBD Center.

|  |  |  |  |
| --- | --- | --- | --- |
| **Variable** | **Biologics fact sheet** | **IBD&me interactive decision aid** | **P-value** |
| **ITT—patient randomized to biologics fact sheet or IBD&me group**  | n=32 | n=36 |  |
| Shared decision making, SDM-Q-9 (0-100; higher=better) | 73.4 ± 25.4 | 75.2 ± 20.6 | 0.75 |
| Decisional conflict, DCS (0-100; lower=less decisional conflict) |  |  |  |
|  Informed subscale | 20.3 ± 19.2 | 32.6 ± 26.3 | 0.03 |
|  Values clarity subscale | 23.2 ± 21.5 | 29.2 ± 27.9 | 0.32 |
| Patient satisfaction, PSQ-18 (20-100; higher=better) |  |  |  |
|  General satisfaction subscale | 89.4 ± 13.7 | 83.9 ± 14.6 | 0.11 |
|  Interpersonal manner subscale | 94.1 ± 10.4 | 91.4 ± 12.2 | 0.33 |
|  Communication subscale | 92.2 ± 12.4 | 88.6 ± 12.7 | 0.24 |
|  Time spent with doctor subscale | 90.3 ± 11.2 | 85.8 ± 13.2 | 0.13 |
|  |  |  |  |
| **Modified ITT—patient acknowledged receiving email with instructions to review biologics fact sheet or IBD&me** | n=30 | n=31 |  |
| Shared decision making, SDM-Q-9 (0-100; higher=better) | 72.2 ± 25.7 | 77.3 ± 20.9 | 0.40 |
| Decisional conflict, DCS (0-100; lower= less decisional conflict) |  |  |  |
|  Informed subscale | 20.8 ± 19.7 | 32.5 ± 27.0 | 0.06 |
|  Values clarity subscale | 23.9 ± 22.0 | 26.9 ± 27.4 | 0.64 |
| Patient satisfaction, PSQ-18 (20-100; higher=better) |  |  |  |
|  General satisfaction subscale | 89.3 ± 13.9 | 84.5 ± 13.9 | 0.18 |
|  Interpersonal manner subscale | 93.7 ± 10.7 | 92.6 ± 10.9 | 0.70 |
|  Communication subscale | 91.7 ± 12.6 | 89.7 ± 11.4 | 0.52 |
|  Time spent with doctor subscale | 89.7 ± 11.3 | 86.1 ± 12.8 | 0.26 |
|  |  |  |  |
| **Per protocol—patient reviewed biologics fact sheet or IBD&me prior to clinic visit** | n=28 | n=27 |  |
| Shared decision making, SDM-Q-9 (0-100; higher=better) | 70.6 ± 25.9 | 77.1 ± 22.3 | 0.32 |
| Decisional conflict, DCS (0-100; lower=better=less decisional conflict) |  |  |  |
|  Informed subscale | 20.5 ± 20.3 | 31.8 ± 28.4 | 0.10 |
|  Values clarity subscale | 23.8 ± 22.8 | 23.5 ± 27.0 | 0.96 |
| Patient satisfaction, PSQ-18 (20-100; higher=better) |  |  |  |
|  General satisfaction subscale | 88.6 ± 14.1 | 84.8 ± 13.7 | 0.32 |
|  Interpersonal manner subscale | 93.2 ± 10.9 | 91.9 ± 11.4 | 0.65 |
|  Communication subscale | 91.1 ± 12.9 | 89.6 ± 11.9 | 0.67 |
|  Time spent with doctor subscale | 89.6 ± 11.4 | 86.3 ± 13.3 | 0.32 |
| DCS, Decisional Conflict Scale; ITT, intention-to-treat; PSQ-18, Patient Satisfaction Questionnaire Short Form; SDM-Q-9, 9-Item Shared Decision-Making Questionnaire.Data are presented as mean ± SD. The Student t-test was used to compare groups. |

**SUPPLEMENTARY TABLE 4.** Outcomes assessed one day after the clinic visit among patients seen at other IBD Qorus sites.

|  |  |  |  |
| --- | --- | --- | --- |
| **Variable** | **Biologics fact sheet** | **IBD&me interactive decision aid** | **P-value** |
| **ITT—patient randomized to biologics fact sheet or IBD&me group**  | n=32 | n=28 |  |
| Shared decision making, SDM-Q-9 (0-100; higher=better) | 71.9 ± 26.1 | 74.7 ± 21.5 | 0.65 |
| Decisional conflict, DCS (0-100; lower=less decisional conflict) |  |  |  |
|  Informed subscale | 22.4 ± 15.3 | 22.6 ± 25.2 | 0.97 |
|  Values clarity subscale | 23.4 ± 21.9 | 19.9 ± 23.7 | 0.56 |
| Patient satisfaction, PSQ-18 (20-100; higher=better) |  |  |  |
|  General satisfaction subscale | 80.9 ± 20.4 | 80.7 ± 18.8 | 0.97 |
|  Interpersonal manner subscale | 88.8 ± 13.4 | 95.7 ± 7.4 | 0.01 |
|  Communication subscale | 85.6 ± 17.4 | 88.2 ± 16.1 | 0.55 |
|  Time spent with doctor subscale | 76.6 ± 19.1 | 81.4 ± 18.0 | 0.31 |
|  |  |  |  |
| **Modified ITT—patient acknowledged receiving email with instructions to review biologics fact sheet or IBD&me** | n=27 | n=27 |  |
| Shared decision making, SDM-Q-9 (0-100; higher=better) | 78.4 ± 21.1 | 75.0 ± 21.9 | 0.56 |
| Decisional conflict, DCS (0-100; lower= less decisional conflict) |  |  |  |
|  Informed subscale | 21.0 ± 14.7 | 22.8 ± 25.7 | 0.75 |
|  Values clarity subscale | 21.9 ± 20.8 | 19.8 ± 24.1 | 0.73 |
| Patient satisfaction, PSQ-18 (20-100; higher=better) |  |  |  |
|  General satisfaction subscale | 84.8 ± 17.2 | 81.1 ± 19.1 | 0.46 |
|  Interpersonal manner subscale | 92.6 ± 10.2 | 95.6 ± 7.5 | 0.23 |
|  Communication subscale | 89.3 ± 13.6 | 89.3 ± 15.4 | >0.99 |
|  Time spent with doctor subscale | 79.6 ± 17.4 | 81.5 ± 18.3 | 0.71 |
|  |  |  |  |
| **Per protocol—patient reviewed biologics fact sheet or IBD&me prior to clinic visit** | n=26 | n=26 |  |
| Shared decision making, SDM-Q-9 (0-100; higher=better) | 78.4 ± 21.5 | 75.4 ± 22.2 | 0.62 |
| Decisional conflict, DCS (0-100; lower=better=less decisional conflict) |  |  |  |
|  Informed subscale | 19.9 ± 13.8 | 22.4 ± 26.1 | 0.66 |
|  Values clarity subscale | 21.8 ± 21.2 | 18.6 ± 23.8 | 0.61 |
| Patient satisfaction, PSQ-18 (20-100; higher=better) |  |  |  |
|  General satisfaction subscale | 85.0 ± 17.5 | 81.2 ± 19.5 | 0.46 |
|  Interpersonal manner subscale | 92.3 ± 10.3 | 95.4 ± 7.6 | 0.23 |
|  Communication subscale | 89.6 ± 13.7 | 88.8 ± 15.6 | 0.85 |
|  Time spent with doctor subscale | 79.6 ± 17.8 | 81.5 ± 18.7 | 0.71 |
| DCS, Decisional Conflict Scale; ITT, intention-to-treat; PSQ-18, Patient Satisfaction Questionnaire Short Form; SDM-Q-9, 9-Item Shared Decision-Making Questionnaire.Data are presented as mean ± SD. The Student t-test was used to compare groups. |

**SUPPLEMENTARY TABLE 5.** Secondary outcomes assessed two months after the clinic visit.

|  |  |  |  |
| --- | --- | --- | --- |
| **Variable** | **Biologics fact sheet** | **IBD&me interactive decision aid** | **P-value** |
| **ITT—patient randomized to biologics fact sheet or IBD&me group**  | n=56 | n=58 |  |
| Change in IBD-Control-8 score compared to baseline (positive=improved control) | 2.7 ± 4.7 | 1.9 ± 4.4 | 0.35 |
| Change in IBD-Control-VAS score compared to baseline (positive=improved control) | 9.6 ± 23.1 | 4.7 ± 27.5 | 0.30 |
| Started or switched biologics since initial clinic visit | 5 (8.9%) | 7 (12.1%) | 0.76 |
| Had an IBD-related emergency department visit in past 2 months | 6 (10.7%) | 2 (3.4%) | 0.16 |
| Had IBD-related surgery in past 2 months | 3 (5.4%) | 0 (0.0%) | 0.12 |
|  |  |  |  |
| **Modified ITT—patient acknowledged receiving email with instructions to review biologics fact sheet or IBD&me** | n=49 | n=52 |  |
| Change in IBD-Control-8 score compared to baseline (positive=improved control) | 2.8 ± 4.9 | 2.1 ± 4.4 | 0.45 |
| Change in IBD-Control-VAS score compared to baseline (positive=improved control) | 9.4 ± 23.5 | 5.2 ± 28.2 | 0.41 |
| Started or switched biologics since initial clinic visit | 5 (10.2%) | 7 (13.5%) | 0.76 |
| Had an IBD-related emergency department visit in past 2 months | 6 (12.2%) | 2 (3.8%) | 0.15 |
| Had IBD-related surgery in past 2 months | 3 (6.1%) | 0 (0.0%) | 0.11 |
|  |  |  |  |
| **Per protocol—patient reviewed biologics fact sheet or IBD&me prior to clinic visit** | n=47 | n=48 |  |
| Change in IBD-Control-8 score compared to baseline (positive=improved control) | 2.9 ± 5.0 | 2.0 ± 4.5 | 0.37 |
| Change in IBD-Control-VAS score compared to baseline (positive=improved control) | 9.4 ± 24.0 | 5.3 ± 29.3 | 0.46 |
| Started or switched biologics since initial clinic visit | 5 (10.6%) | 6 (12.5%) | >0.99 |
| Had an IBD-related emergency department visit in past 2 months | 6 (12.8%) | 2 (4.2%) | 0.16 |
| Had IBD-related surgery in past 2 months | 3 (6.4%) | 0 (0.0%) | 0.12 |
| IBD, inflammatory bowel disease; ITT, intention-to-treat; VAS, visual analogue scale.Data are presented as mean ± SD or n (%). The Student t-test or Fisher’s exact test were used to compare groups. |