

Real-world reductions in healthcare resource utilization over 6 months in patients with substance use disorders treated with a prescription digital therapeutic

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Supplementary Table 1. Clinician services in the 6 months before and after reSET initiation (N=101)

Resource	Pre-index period (N=101)			Post-index period (N=101)			IRR ^b	95% CI	p-value
	n (%)	Incidence ^a	95% CI	n (%)	Incidence ^a	95% CI			
Alcohol & drug abuse: Community support services	5 (5.0%)	3.007	(0.835, 10.831)	5 (5.0%)	2.578	(0.629, 10.560)	0.86	(0.65, 1.13)	0.275
Alcohol & drug abuse: Mental health, partial hospitalization	6 (5.9%)	0.317	(0.128, 0.787)	4 (4.0%)	0.307	(0.110, 0.858)	0.97	(0.67, 1.41)	0.871

Alcohol & drug abuse: medication services	4 (4.0%)	2.069	(0.443, 9.655)	5 (5.0%)	1.107	(0.283, 4.327)	0.54	(0.41, 0.70)	<0.001
Alcohol & drug abuse: Mental health, partial hospitalization	6 (5.9%)	0.317	(0.128, 0.787)	4 (4.0%)	0.307	(0.110, 0.858)	0.97	(0.67, 1.41)	0.871
Alcohol & drug abuse: Other	2 (2.0%)	0.109	(0.024, 0.494)	5 (5.0%)	0.735	(0.282, 1.915)	6.74	(1.57, 28.88)	0.010
Alcohol & drug abuse: Psychosocial services	5 (5.0%)	1.191	(0.420, 3.380)	1 (1.0%)	0.634	(0.090, 4.457)	0.53	(0.15, 1.92)	0.335
Alcohol & drug abuse: Treatment program	20 (19.8%)	6.206	(3.695, 10.423)	18 (17.8%)	5.529	(3.307, 9.245)	0.89	(0.61, 1.30)	0.552
Ambulance	16 (15.8%)	0.349	(0.182, 0.671)	13 (12.9%)	0.706	(0.173, 2.879)	2.02	(0.76, 5.41)	0.161
Drugs administered: Other	38 (37.6%)	0.810	(0.561, 1.169)	27 (26.7%)	0.770	(0.464, 1.277)	0.95	(0.63, 1.43)	0.808
E&M: Care plan oversight	1 (1.0%)	0.010	(0.001, 0.071)	3 (3.0%)	0.133	(0.041, 0.433)	13.42	(3.42, 52.67)	<0.001
E&M: Case management	7 (6.9%)	0.271	(0.069, 1.070)	6 (5.9%)	0.199	(0.084, 0.473)	0.74	(0.16, 3.48)	0.698
E&M: Consultations	12 (11.9%)	0.229	(0.129, 0.407)	2 (2.0%)	0.020	(0.005, 0.080)	0.09	(0.02, 0.36)	<0.001
E&M: Electronic medication compliance management	0 (0.0%)	0.000c	(0.000, 0.030)c	20 (19.8%)	0.213c	(0.139, 0.327)c	NA	NA	NA
E&M: Emergency department services	36 (35.6%)	0.782	(0.551, 1.111)	24 (23.8%)	0.411	(0.265, 0.638)	0.53	(0.36, 0.76)	<0.001
E&M: Hospital inpatient services	16 (15.8%)	1.093	(0.614, 1.944)	12 (11.9%)	0.746	(0.291, 1.910)	0.68	(0.24, 1.97)	0.480
E&M: Outpatient visits	84 (83.2%)	6.029	(4.815, 7.548)	78 (77.2%)	5.511	(4.316, 7.038)	0.91	(0.76, 1.10)	0.349
E&M: Partial hospitalization services	2 (2.0%)	0.321	(0.227, 0.454)	0 (0.0%)	0.000	(0.000, 0.030)	NA	NA	NA
E&M: Preventive medicine services	22 (21.8%)	0.271	(0.180, 0.408)	14 (13.9%)	0.172	(0.103, 0.289)	0.64	(0.34, 1.17)	0.148
E&M: Psychiatric services, intensive	4 (4.0%)	0.246	(0.082, 0.745)	1 (1.0%)	0.010	(0.001, 0.071)	0.04	(0.00, 0.39)	0.006
Medicine: Cardiovascular procedures	29 (28.7%)	0.646	(0.419, 0.994)	11 (10.9%)	0.182	(0.098, 0.340)	0.28	(0.14, 0.55)	<0.001
Medicine: Home health services	2 (2.0%)	1.812	(0.260, 12.609)	1 (1.0%)	1.812	(0.258, 12.745)	1.00	(0.98, 1.02)	0.999
Medicine: Immunization	14 (13.9%)	0.150	(0.091, 0.248)	6 (5.9%)	0.071	(0.031, 0.161)	0.47	(0.19, 1.19)	0.111
Medicine: Immunology	1 (1.0%)	0.020	(0.005, 0.080)	0 (0.0%)	0.000	(0.000, 0.030)	NA	NA	NA
Medicine: Ophthalmology	16 (15.8%)	0.191	(0.119, 0.308)	7 (6.9%)	0.091	(0.043, 0.195)	0.48	(0.20, 1.16)	0.104
Medicine: Other	21 (20.8%)	0.344	(0.211, 0.561)	16 (15.8%)	0.211	(0.118, 0.377)	0.62	(0.30, 1.27)	0.189
Medicine: Physical medicine and rehabilitation	9 (8.9%)	0.248	(0.124, 0.498)	7 (6.9%)	0.239	(0.086, 0.663)	0.96	(0.39, 2.38)	0.933
Medicine: Psychiatry	59 (58.4%)	8.456	(5.865, 12.192)	61 (60.4%)	8.147	(5.806, 11.432)	0.96	(0.75, 1.24)	0.775
Medicine: Therapeutic, prophylactic, and diagnostic injections and infusions	27 (26.7%)	0.601	(0.386, 0.937)	17 (16.8%)	0.320	(0.189, 0.542)	0.53	(0.35, 0.81)	0.003
Pathology and laboratory: Drug assay	53 (52.5%)	3.478	(2.409, 5.021)	41 (40.6%)	3.367	(2.272, 4.990)	0.97	(0.64, 1.45)	0.876
Pathology and laboratory: Drug assay, before opioid Rx	55 (54.5%)	4.725	(3.183, 7.016)	44 (43.6%)	2.965	(2.009, 4.375)	0.63	(0.41, 0.96)	0.031
Pathology and laboratory: Other	70 (69.3%)	3.338	(2.215, 5.029)	61 (60.4%)	1.538	(1.091, 2.168)	0.46	(0.28, 0.76)	0.003
Radiology	46 (45.5%)	1.100	(0.772, 1.567)	30 (29.7%)	0.531	(0.345, 0.819)	0.48	(0.31, 0.76)	0.002
Surgery	57 (56.4%)	1.677	(1.133, 2.484)	46 (45.5%)	1.067	(0.683, 1.667)	0.64	(0.39, 1.04)	0.069