

APPENDIX

Supplemental Table 1. Wireless motility capsule raw data for cohorts of gastroparesis (GP) patients

Cohort	Patient #	GP Etiology	Transit Time (hr:min)			Antral Contractility				Duodenal Contractility			
			GET	SBTT	CTT	Ct	AUC	MI	Data (%)*	Ct	AUC	MI	Data (%)*
Multicenter	1	Idiopathic	5:25	6:35	18:22	12	1102	8.65	100%	94	2147	12.00	100%
	2	Diabetic	5:31	6:41	88:06	69	4150	12.03	100%	69	1623	11.20	91%
	3	Idiopathic	5:35	5:26	34:10	48	8013	11.95	100%	78	3531	12.25	100%
	4	Diabetic	5:41	4:34	60:43	80	2226	11.68	100%	439	15631	15.08	96%
	5	Idiopathic	9:14	7:40	111:47	122	2794	12.47	96%	172	5233	13.19	98%
	6	Idiopathic	10:13	1:50	9:11	41	1024	10.39	99%	94	1510	11.86	90%
	7	Idiopathic	11:43	2:26	39:38	43	2562	11.02	98%	311	19781	14.72	100%
	8	Idiopathic	14:16	3:48	11:55	20	3989	10.45	100%	63	8287	12.16	98%
	9	Idiopathic	17:29	6:08	23:25				65%	135	3383	12.54	94%
	10	Idiopathic	20:21	2:54	47:14	52	3675	11.09	88%	171	5927	13.23	93%
	11	Idiopathic	20:26	4:24	10:27	17	4079	9.94	100%	26	2525	10.08	100%
	12	Idiopathic	20:29	4:44	24:20				50%	48	1615	10.65	88%
	13	Diabetic	21:37	3:11	6:14	18	8792	10.64	100%	54	1463	10.93	100%
	14	Idiopathic	21:57	6:47	49:15	4	1148	7.25	96%	28	735	9.34	97%
	15	Diabetic	22:43	3:29	35:40	23	6935	10.84	100%	84	3557	12.01	93%
	16	Idiopathic	24:06	3:10	27:08	26	1851	9.56	83%	53	14631	11.46	100%
	17	Diabetic	24:18	1:52	52:04	68	10770	12.32	98%	102	6799	12.55	100%
	18	Diabetic	41:44	5:18	121:08	10	668	7.92	88%	172	6995	13.18	97%
	19	Diabetic	44:50	8:15	50:40				50%	65	2453	11.09	93%
	20	Diabetic	173:13	6:53	10:51	17	1277	8.49	96%				65%
	21	Diabetic	175:11	4:18	72:12	20	515	8.72	100%	60	5258	11.52	100%
Clinical	22	Idiopathic	4:57	2:20	70:05	46	4554	11.25	88%				43%
	23	Diabetic	5:07	11:17	12:42	296	7683	14.21	100%	377	11494	14.73	98%
	24	Diabetic	5:13	4:55	60:10	116	7650	12.99	97%	237	10554	13.97	97%
	25	Diabetic	5:31	5:04	16:50	98	5344	12.71	79%	142	4726	13.19	95%
	26	Idiopathic	5:42	3:41	15:04	164	7340	13.18	87%	75	2147	11.37	87%
	27	Idiopathic	5:44	6:26	61:41	172	9878	13.62	98%	262	6861	13.9	88%
	28	Idiopathic	5:52	6:41	10:11	58	3418	11.43	82%	434	12157	15.03	82%
	29	Diabetic	5:59	16:24	73:20	131	6098	12.8	100%	221	10423	13.82	97%
	30	Idiopathic	6:08	6:24	104:58	179	30681	14.27	100%	400	12593	14.8	94%
	31	Idiopathic	7:09	5:35	32:40	127	9255	13.09	95%				21%
	32	Idiopathic	9:02	2:22	58:33	114	2560	12.28	97%	454	13517	15.06	97%
	33	Idiopathic	10:59	6:57	76:29				55%	21	935	9.18	77%
	34	Idiopathic	14:13	9:05	24:06	41	8548	11.59	91%				46%
	35	Idiopathic	20:20	4:17	13:36				25%	328	14563	14.57	80%
	36	Idiopathic	20:27	7:56	76:40				39%	207	10284	13.7	93%
	37	Idiopathic	21:11	3:42	91:59	16	2892	9.81	99%	35	1224	10.11	94%
	38	Idiopathic	21:42	9:45	85:24	56	11016	11.91	82%	38	5573	10.81	85%
	39	Idiopathic	43:19	8:26	33:18				18%	327	13430	14.33	90%

*Only data >70% availability was considered for analysis

Supplemental Table 2. Pearson correlation of symptom severity with small bowel transit time in combined and independent cohorts

Cohort	R	P*
Combined (n=35)	0.39	0.02
Clinical Practice (n=15)	0.35	0.2
Multicenter Trial (n=20)	0.06	0.8

*Subject to Bonferroni Correction with an adjusted level of significance of <0.0125