

Supplementary Table 1 multivariate analysis of gastric cleanlinessscore of fundus

	B	Stand ard error	Wald	degre e of freed om	P value	Exp(B)	95% CI of Exp(B)	
							Lower	Upper
2.00 Intercept	4.138	8.506	.237	1	.627			
Gender	.957	.778	1.513	1	.219	2.603	.567	11.949
Age	.005	.022	.042	1	.837	1.005	.961	1.050
Height	-.048	.052	.855	1	.355	.953	.860	1.056
Weight	.066	.028	5.717	1	.017	1.069	1.012	1.128
Groups	-1.281	.527	5.900	1	.015	.278	.099	.781
History of abdomina l surgery	.798	.697	1.312	1	.252	2.221	.567	8.701
Smoking	-1.131	.636	3.168	1	.075	.323	.093	1.121
Drinking	-.294	.560	.275	1	.600	.745	.249	2.234
Hp infection	-.011	.145	.006	1	.938	.989	.745	1.313
Anticoag ulation	20.392	1.039	385.020	1	.000	717705464.947	93617561.423	5502184916.887
Diabetes	.731	1.567	.217	1	.641	2.076	.096	44.806
Hyperten sion	-.708	.807	.769	1	.381	.493	.101	2.398
[Indicatio ns=.00]	-.305	1.152	.070	1	.791	.737	.077	7.044
[Indicatio ns=1.00]	-.102	1.166	.008	1	.930	.903	.092	8.873

	[Indicatio ns=2.00]	.898	1.106	.659	1	.417	2.454	.281	21.438
	[Indicatio ns=3.00]	-.095	1.418	.005	1	.946	.909	.056	14.636
	[Indicatio ns=4.00]	-.115	1.343	.007	1	.932	.891	.064	12.385
	[Indicatio ns=5.00]	.645	1.960	.108	1	.742	1.907	.041	88.778
	[Indicatio ns=6.00]	.736	1.403	.275	1	.600	2.088	.133	32.656
	[Indicatio ns=7.00]	.180	1.658	.012	1	.914	1.197	.046	30.835
	[Indicatio ns=8.00]	-18.56	.000	.	1	.	8.636E-9	8.636E-9	8.636E-9
	[Indicatio ns=9.00]	0	.	.	0	.	.	.	.
3.00	Intercept	8.274	6.117	1.829	1	.176			
	Gender	.156	.552	.080	1	.777	1.169	.397	3.448
	Age	.011	.015	.513	1	.474	1.011	.981	1.041
	Height	-.036	.037	.945	1	.331	.964	.896	1.038
	Weight	.021	.019	1.156	1	.282	1.021	.983	1.060
	Groups	-2.050	.376	29.659	1	.000	.129	.062	.269
	History of abdomina l surgery	.558	.526	1.126	1	.289	1.747	.624	4.895
	Smoking	-.797	.462	2.968	1	.085	.451	.182	1.116
	Drinking	.090	.341	.070	1	.792	1.094	.561	2.133

Hp infection	-.137	.100	1.892	1	.169	.872	.717	1.060
Anticoagulation	19.729	.000	.	1	.	36983798	36983798	36983798
						4.251	4.251	4.251
Diabetes	.862	1.204	.514	1	.474	2.369	.224	25.061
Hypertension	-.172	.529	.106	1	.745	.842	.298	2.375
[Indication ns=.00]	-.104	.790	.017	1	.895	.901	.191	4.241
[Indication ns=1.00]	.180	.804	.050	1	.823	1.197	.248	5.781
[Indication ns=2.00]	.274	.788	.121	1	.728	1.316	.281	6.168
[Indication ns=3.00]	.371	1.003	.137	1	.711	1.450	.203	10.349
[Indication ns=4.00]	.124	.951	.017	1	.896	1.132	.176	7.292
[Indication ns=5.00]	-1.185	1.530	.599	1	.439	.306	.015	6.137
[Indication ns=6.00]	.692	.992	.487	1	.485	1.998	.286	13.962
[Indication ns=7.00]	.402	1.144	.123	1	.726	1.494	.159	14.071
[Indication ns=8.00]	.658	1.148	.329	1	.566	1.931	.204	18.317
[Indication ns=9.00]	0	.	.	0	.	.	.	.

Supplementary Table 2 multivariate analysis of good gastric filling

		B	Standard error	Wald	degree of freedom	P value	Exp(B)
Step 1 ^a	Gender	-2.205	.856	6.633	1	.010	.110
	Age	.019	.022	.730	1	.393	1.019
	Height	.002	.053	.001	1	.977	1.002
	Weight	.014	.026	.294	1	.587	1.014
	Groups	-3.016	.755	15.960	1	.000	.049
	History of abdominal surgery	of.222	.857	.067	1	.796	1.248
	Smoking	-2.395	.662	13.068	1	.000	.091
	Drinking	1.332	.690	3.724	1	.054	3.787
	Hp infection	.234	.154	2.296	1	.130	1.263
	Anticoagulation	1.057	1.597	.438	1	.508	2.877
	Diabetes	.200	1.239	.026	1	.872	1.221
	Hypertension	-.193	.860	.051	1	.822	.824
	Indications	-.127	.095	1.795	1	.180	.880
	Constant	7.216	8.508	.719	1	.396	1360.562

a. The variable input in step 1: Gender, Age, Height, Weight, Groups, History of abdominal surgery, Smoking, Drinking, Hp infection, Anticoagulation, Diabetes, Hypertension, Indications.

Supplementary Table 3 multivariate analysis of proportion of patients with capsule reaching duodenum under magnetic control

		B	Standard error	Wald	degree of freedom	P value	Exp(B)
Step 1 ^a	Gender	1.077	.590	3.334	1	.068	2.935
	Age	.027	.016	2.872	1	.090	1.027
	Height	-.023	.037	.386	1	.535	.977
	Weight	.049	.019	6.339	1	.012	1.050
	Groups	-1.490	.375	15.794	1	.000	.225
	History of abdominal surgery	of-.103	.534	.037	1	.847	.902
	Smoking	-.267	.418	.407	1	.524	.766
	Drinking	.370	.325	1.294	1	.255	1.447
	Hp infection	.081	.099	.674	1	.412	1.085
	Anticoagulat- ion	-.149	.835	.032	1	.858	.862
	Diabetes	1.528	.758	4.071	1	.044	4.611
	Hypertensio n	-1.407	.650	4.687	1	.030	.245
	Indications	-.069	.069	.997	1	.318	.933
	Constant	-.410	5.861	.005	1	.944	.664

a. Variables inputted in Step 1: Gender, Age, Height, Weight, Groups, History of abdominal surgery, Smoking, Drinking, Hp infection, Anticoagulation, Diabetes, Hypertension, Indications.

Supplementary Table 4 multivariate analysis of GTT

Model		Unstandardized regression coefficient		Standardized regression coefficient	t	P value	Collinearity diagnostics	
		B	Standard error	Beta			Tolerance	VIF
1	(Constant)	-46.830	113.281		-.413	.680		
	Gender	-20.162	10.798	-.187	-1.867	.063	.369	2.709
	Age	-.194	.294	-.048	-.659	.510	.699	1.430
	Height	.968	.714	.145	1.356	.177	.322	3.104
	Weight	-.977	.375	-.235	-2.609	.010	.456	2.191
	Indications	.623	1.284	.030	.485	.628	.958	1.044
	Groups	16.184	6.630	.151	2.441	.015	.966	1.035
	History of abdominal surgery	1.387	9.767	.009	.142	.887	.906	1.104
	Smoking	-2.799	9.064	-.022	-.309	.758	.719	1.391
	Drinking	-.734	7.128	-.007	-.103	.918	.805	1.242
	Hp infection	2.018	1.920	.067	1.051	.294	.912	1.096
	Anticoagulation	.791	16.720	.003	.047	.962	.773	1.293
	Diabetes	1.731	16.333	.007	.106	.916	.874	1.144
	Hypertension	16.088	10.323	.112	1.558	.120	.715	1.399

Supplementary Table 5 multivariate analysis of abdominal fullness

		Unstandardized regression coefficient		Standardized regression coefficient			Collinearity diagnostics	
		B	Standard error	Beta	t	P value	Tolerance	VIF
1	(Constant)	8.009	3.878		2.065	.040		
	Gender	-.916	.370	-.256	-2.477	.014	.369	2.709
	Age	-.019	.010	-.140	-1.863	.064	.699	1.430
	Height	.007	.024	.030	.271	.787	.322	3.104
	Weight	.005	.013	.034	.368	.714	.456	2.191
	Indications	-.032	.044	-.047	-.728	.467	.958	1.044
	Groups	-.139	.227	-.039	-.610	.542	.966	1.035
	History of abdominal surgery	-.111	.334	-.022	-.331	.741	.906	1.104
	Smoking	.110	.310	.026	.354	.724	.719	1.391
	Drinking	.093	.244	.027	.381	.704	.805	1.242
	Hp infection	.030	.066	.030	.452	.651	.912	1.096
	Anticoagulation	.530	.572	.066	.926	.355	.773	1.293
	Diabetes	-.545	.559	-.065	-.975	.331	.874	1.144
	Hypertension	-.249	.353	-.052	-.704	.482	.715	1.399

Supplementary Table 6 multivariate analysis of comfortableness

Model		Unstandardized regression coefficient		Standardized regression coefficient	t	P value	Collinearity diagnostics	
		B	Standard error	Beta			Tolerance	VIF
1	(Constant)	6.220	4.294		1.449	.149		
	Gender	.712	.409	.176	1.739	.083	.369	2.709
	Age	.031	.011	.207	2.810	.005	.699	1.430
	Height	-.004	.027	-.017	-.154	.877	.322	3.104
	Weight	.004	.014	.025	.270	.788	.456	2.191
	Indications	-.056	.049	-.072	-1.149	.252	.958	1.044
	Groups	.485	.251	.121	1.928	.055	.966	1.035
	History of abdominal surgery	of-.023	.370	-.004	-.061	.951	.906	1.104
	Smoking	-.697	.344	-.147	-2.028	.044	.719	1.391
	Drinking	.060	.270	.015	.223	.824	.805	1.242
	Hp infection	.066	.073	.059	.911	.363	.912	1.096
	Anticoagulation	-.708	.634	-.078	-1.117	.265	.773	1.293
	Diabetes	-1.081	.619	-.115	-1.747	.082	.874	1.144
	Hypertension	.192	.391	.036	.490	.624	.715	1.399