

Figure S1 Map of twenty-two anatomic zones for probe-based confocal endoscopic evaluation of gastric mucosa.

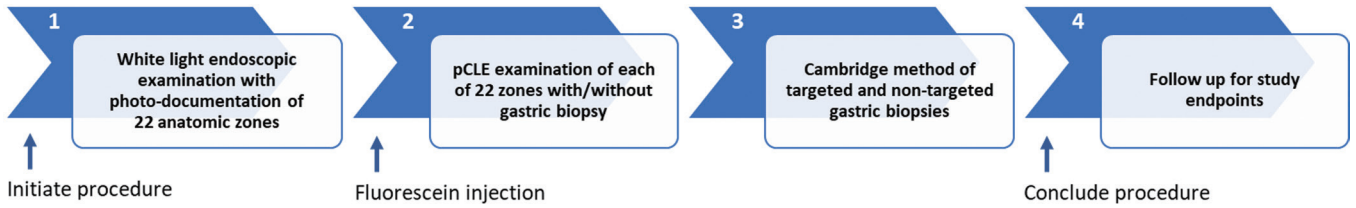


Figure S2 Schematic representation of protocol-based intervention.

Table S1 Endoscopic findings and biopsy results

Patient	While light endoscopy		Probe-based CLE		Cambridge method	Gastrectomy explant
	Visual findings	Biopsy results	Number of biopsies	SRC location/size (mm)	SRC location/size (mm)	SRC location/size (largest focus, mm)
1	Mucosal atrophy	n/a	7	n/a	Fundus/1.0	n/a
2	Polyps	Chronic gastritis	7	n/a	n/a	Fundus/8.0
3	Retained endoclip; multiple small white scars	n/a	9	n/a	n/a	Upper fundus/1.1
4	Polyps	Gastric mucosa with occasional dilated glands	4	Posterior fundus/1.7	Fundus/0.7	Fundus/2.0
5	Mucosal atrophy, polyps	n/a	9	Posterior fundus/1.6	Fundus/0.5	Upper fundus/3.0
6	Erythematous and ulcerated antral mucosa; mucosal atrophy	n/a	8	n/a	n/a	n/a
7	Nodule in antrum, erythematous mucosa in body	Antrum type gastric mucosa with mild chronic inflammation	7	n/a	n/a	n/a
8	Erythematous mucosa, body	n/a	5	n/a	n/a	n/a
9	Normal	n/a	6	n/a	n/a	n/a
10	Nodular mucosa in fundus and body, friable mucosa	n/a	7	n/a	n/a	Body (greater curvature)/0.3
11	Polyps	n/a	6	n/a	n/a	Upper fundus/0.9
12	Single polyp	Fundic gland polyp	6	n/a	n/a	Fundus/2.0
13	Erythematous mucosa, single papule	Gastric antral mucosa with no pathological changes	11	n/a	n/a	n/a
14	Normal	n/a	9	n/a	n/a	n/a
15	Single polyp	Fundic gland polyp	10	n/a	n/a	n/a
16	Mucosal atrophy; erythematous mucosa in antrum, single polyp	Oxyntic mucosa with a few dilated glands, possibly a fundic gland polyp	8	n/a	n/a	n/a
17	Erythematous mucosa in antrum, possible angioectasia	n/a	10	n/a	n/a	n/a
18	Erythematous mucosa in antrum, possible angioectasia	n/a	10	n/a	n/a	n/a
19	Friable mucosa	Gastric body mucosa with no specific pathology	8	n/a	n/a	n/a
20	Normal stomach	n/a	6	n/a	n/a	Body (lesser curvature)/0.4
21	Submucosal tumor with central umbilication in antrum	Antral mucosa, no pathologic changes	9	n/a	n/a	Body (greater curvature)/0.1
22	Multiple hyperplastic polyps, erythematous mucosa in fundus	Gastric oxyntic mucosa with mild chronic gastritis with increased eosinophils	6	n/a	n/a	n/a
23	Polyps	Fundic gland polyp	11	n/a	n/a	n/a
24	Friable, nodular mucosa	Chronic active gastritis (Helicobacter pylori positive by immunostain)	13	n/a	n/a	Body/1.0
25	Nodular mucosa in fundus and body; polyps, small white spots	Mild chronic gastritis	7	n/a	n/a	n/a
26	Solitary pale spot in fundus	Oxyntic mucosa with no pathologic changes	7	n/a	n/a	n/a
27	Normal	n/a	7	Posterior fundus, anterior upper middle body/0.1 and 0.9	n/a	Upper fundus/2.0
28	Nonbleeding erosive gastropathy	Oxyntic and antral type gastric mucosa with focal chronic inflammation	7	Posterior upper middle body, posterior fundus/0.5 and 0.2	Fundus/0.7	n/a
29	Polyps	n/a	8	Anterior fundus/0.4 and 0.7	n/a	Cardia, fundus (anterior + posterior wall), Body (anterior + posterior wall, lesser + greater curvature)/4.0
30	Normal	n/a	9	n/a	n/a	Upper fundus/0.8
31	Single papule in antrum; multiple papules in fundus; erythematous mucosa	Antral mucosa with mild chronic gastritis, oxyntic mucosa with mild chronic gastritis	1	n/a	n/a	n/a
32	Normal	n/a	12	n/a	n/a	n/a
33	Erythematous mucosa in antrum	n/a	8	n/a	n/a	n/a
34	Gastritis, single papule	Gastric body type mucosa with no pathological changes	6	Anterior fundus/0.3	n/a	Fundus, body / 2.0
35	Friable mucosa	Chronic gastritis	6	n/a	n/a	Body (greater curvature)/<1.0
36	Few papules; erythematous mucosa in antrum; nodular mucosa in body	Gastric mucosa with hyperplastic foveolar gland and reactive changes	12	n/a	n/a	n/a

CLE: confocal laser endomicroscopy; SRC: signet ring cells