

Ghrelin and glucagon-like peptide-2 increase immediately following massive small bowel resection

著者	MUTO Mitsuru, KAJI Tatsuru, MUKAI Motoi, NAKAME Kazuhiko, YOSHIOKA Takako, TANIMOTO Akihide, MATSUFUJI Hiroshi
journal or publication title	Peptides
volume	43
page range	160-166
ファイル(説明)	Table 3 Table 2 Table 1 Figures Main text Title page
URL	http://hdl.handle.net/10232/18958

doi: info:doi/10.1016/j.peptides.2013.03.006

Changes in gross intestinal morphology

	n	Jejunum				Ileum				
		Bowel length (cm)	Bowel width (cm)	Bowel weight (mg/cm)	Mucosal weight (mg/cm)	Bowel length (cm)	Bowel width (cm)	Bowel weight (mg/cm)	Mucosal weight (mg/cm)	
Control	3	5.0 ± 0.0	1.0 ± 0.0	##### ± 6.4	### ± 4.3	### ± 0.0	1.0 ± 0.0	##### ± 7.2	### ± 4.1	
80%SBR	day1	6	5.1 ± 0.1	1.1 ± 0.1	95.8 ± 2.3	### ± 4.0	### ± 0.4	1.2 ± 0.1	##### ± 6.3	### ± 2.7 †
	day4	6	5.2 ± 0.2	1.2 ± 0.1	##### ± 10.9	†† ### ± 6.0	†† ### ± 0.5	1.4 ± 0.0	**†† ##### ± 2.7	†† ### ± 2.7 ††
	day7	6	5.2 ± 0.1	1.4 ± 0.1	**†† ##### ± 13.8	*†† ### ± 4.2	†† ### ± 0.8	1.5 ± 0.1	**†† ##### ± 9.4	**†† ### ± 4.0 **††
	day11	6	5.1 ± 0.2	1.6 ± 0.0	**†† ##### ± 25.4	**†† ### ± ###	**†† ### ± 0.2	1.8 ± 0.0	**†† ##### ± 10.8	**†† ### ± 4.8 **††
	day15	6	5.3 ± 0.3	1.7 ± 0.1	**†† ##### ± 21.2	**†† ### ± ###	**†† ### ± 0.3	1.7 ± 0.0	**†† ##### ± 8.9	**†† ### ± 4.8 **††
sham	day1	6	5.0 ± 0.0	1.0 ± 0.0	86.0 ± 10.1	### ± 5.2	### ± 0.1	1.1 ± 0.0	90.3 ± 3.1	### ± 2.5
	day4	6	5.0 ± 0.0	1.1 ± 0.0	87.0 ± 3.4	### ± 2.0	### ± 0.5	1.1 ± 0.0	90.5 ± 3.6	### ± 3.2
	day7	6	5.0 ± 0.0	1.0 ± 0.0	93.4 ± 3.6	### ± 1.8	### ± 0.5	1.1 ± 0.0	##### ± 7.5	### ± 4.3
	day11	6	5.0 ± 0.0	1.0 ± 0.0	##### ± 3.7	### ± 1.8	### ± 0.2	1.1 ± 0.0	##### ± 7.8	### ± 3.4
	day15	6	5.0 ± 0.0	1.1 ± 0.1	##### ± 5.0	### ± 3.2	### ± 0.4	1.2 ± 0.1	##### ± 8.2	### ± 2.6

Data are expressed as the means ± SE. Comparisons with controls were performed by Dunnett's test. Comparisons among the groups at similar time points were analyzed by Student's t-test. ** $P < 0.01$ and * $P < 0.05$ versus controls. †† $P < 0.01$ and † $P < 0.05$ versus the sham operation subjects. 80% SBR, 80% small bowel resection.