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Roux-en-Y gastric bypass normalizes the blunted postprandial bile acid excursion associated with obesity

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137	Cancer: An acidic link. <b>2013</b> , 499, 37-8		4
136	Diabetes: the search for mechanisms underlying bariatric surgery. <b>2013</b> , 9, 572-4		14
135	The role of hormonal factors in weight loss and recidivism after bariatric surgery. <b>2013</b> , 2013, 528450		26
134	Vertical sleeve gastrectomy reduces hepatic steatosis while increasing serum bile acids in a weight-loss-independent manner. <b>2014</b> , 22, 390-400		141
133	Physiological mechanisms behind Roux-en-Y gastric bypass surgery. <b>2014</b> , 31, 13-24		37
132	The physiology underlying Roux-en-Y gastric bypass: a status report. <b>2014</b> , 307, R1275-91		65
131	Gastrointestinal hormones and weight loss response after Roux-en-Y gastric bypass. <i>Surgery for Obesity and Related Diseases</i> , <b>2014</b> , 10, 814-9	3	26
130	Gastrointestinal changes after bariatric surgery. <b>2014</b> , 40, 87-94		75
129	Bile acid dysregulation, gut dysbiosis, and gastrointestinal cancer. <b>2014</b> , 239, 1489-504		59
128	Bile acids, obesity, and the metabolic syndrome. <b>2014</b> , 28, 573-83		99
127	Metabolic surgery: action via hormonal milieu changes, changes in bile acids or gut microbiota? A summary of the literature. <b>2014</b> , 28, 727-40		90
126	The human microbiome and bile acid metabolism: dysbiosis, dysmetabolism, disease and intervention. <b>2014</b> , 14, 467-82		87
125	Mechanisms of changes in glucose metabolism and bodyweight after bariatric surgery. <b>2014</b> , 2, 152-64		218
124	Bariatric surgery, lipoprotein metabolism and cardiovascular risk. <b>2015</b> , 26, 317-24		14
123	Roux-en-Y gastric bypass: effects on feeding behavior and underlying mechanisms. <b>2015</b> , 125, 939-48		55
122	Effect of Roux-en-Y gastric bypass surgery on bile acid metabolism in normal and obese diabetic rats. <b>2015</b> , 10, e0122273		56
121	Temporal changes in bile acid levels and 12 $\beta$ -hydroxylation after Roux-en-Y gastric bypass surgery in type 2 diabetes. <i>International Journal of Obesity</i> , <b>2015</b> , 39, 806-13	5.5	66

120	Bile Acid Signaling: Mechanism for Bariatric Surgery, Cure for NASH?. <b>2015</b> , 33, 440-6		24
119	Increased Bile Acid Synthesis and Deconjugation After Biliopancreatic Diversion. <b>2015</b> , 64, 3377-85		55
118	Metabolic Mechanisms in Obesity and Type 2 Diabetes: Insights from Bariatric/Metabolic Surgery. <b>2015</b> , 8, 350-63		40
117	Effect of bariatric surgery combined with medical therapy versus intensive medical therapy or calorie restriction and weight loss on glycemic control in Zucker diabetic fatty rats. <b>2015</b> , 308, R321-9		12
116	Rapid and body weight-independent improvement of endothelial and high-density lipoprotein function after Roux-en-Y gastric bypass: role of glucagon-like peptide-1. <b>2015</b> , 131, 871-81		82
115	GLP-1: a mediator of the beneficial metabolic effects of bariatric surgery?. <i>Physiology</i> , <b>2015</b> , 30, 50-62	9.8	33
114	Roux-en-Y Gastric Bypass and Vertical Banded Gastroplasty Induce Long-Term Changes on the Human Gut Microbiome Contributing to Fat Mass Regulation. <b>2015</b> , 22, 228-38		489
113	The Bile Acid Chenodeoxycholic Acid Increases Human Brown Adipose Tissue Activity. <b>2015</b> , 22, 418-26		237
112	The role of bile acids in reducing the metabolic complications of obesity after bariatric surgery: a systematic review. <i>International Journal of Obesity</i> , <b>2015</b> , 39, 1565-74	5.5	100
111	Bile diversion to the distal small intestine has comparable metabolic benefits to bariatric surgery. <b>2015</b> , 6, 7715		132
110	Weight Loss and the Prevention and Treatment of Type 2 Diabetes Using Lifestyle Therapy, Pharmacotherapy, and Bariatric Surgery: Mechanisms of Action. <b>2015</b> , 4, 287-302		63
109	Differences in Weight Loss and Gut Hormones: Rouen-Y Gastric Bypass and Sleeve Gastrectomy Surgery. <b>2015</b> , 4, 279-86		23
108	Should metabolic surgery be offered in morbidly obese patients with type I diabetes?. <i>Surgery for Obesity and Related Diseases</i> , <b>2015</b> , 11, 798-805	3	35
107	Understanding the Benefits of Bariatric Surgery on Gut Physiology: Implications for Obesity, Type 2 Diabetes, and Cardiovascular Disease. <b>2015</b> , 343-370		
106	Updates in weight loss surgery and gastrointestinal peptides. <b>2015</b> , 22, 21-8		18
105	Early Increases in Bile Acids Post Roux-en-Y Gastric Bypass Are Driven by Insulin-Sensitizing, Secondary Bile Acids. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2015</b> , 100, E1225-33	5.6	82
104	Long-term effects of Roux-en-Y gastric bypass on postprandial plasma lipid and bile acids kinetics in female non diabetic subjects: A cross-sectional pilot study. <b>2015</b> , 34, 911-7		40
103	The Influence of Bariatric Surgery on Serum Bile Acids in Humans and Potential Metabolic and Hormonal Implications: a Systematic Review. <b>2015</b> , 4, 441-50		20

102	How do patients' clinical phenotype and the physiological mechanisms of the operations impact the choice of bariatric procedure?. <b>2016</b> , 9, 181-9		3
101	Improved glucose metabolism following bariatric surgery is associated with increased circulating bile acid concentrations and remodeling of the gut microbiome. <b>2016</b> , 22, 8698-8719		65
100	The Use of Rat and Mouse Models in Bariatric Surgery Experiments. <b>2016</b> , 3, 25		23
99	Metabolomic Profiles of Body Mass Index in the Framingham Heart Study Reveal Distinct Cardiometabolic Phenotypes. <b>2016</b> , 11, e0148361		115
98	Impact of Roux-en-Y Gastric Bypass Surgery on Pharmacokinetics of Administered Drugs: Implications and Perspectives. <b>2016</b> , 23, e1826-e1838		5
97	Metabolomics-guided insights on bariatric surgery versus behavioral interventions for weight loss. <b>2016</b> , 24, 2451-2466		37
96	Increased Bile Acid Synthesis and Impaired Bile Acid Transport in Human Obesity. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2016</b> , 101, 1935-44	5.6	65
95	Alterations in energy expenditure in Roux-en-Y gastric bypass rats persist at thermoneutrality. <i>International Journal of Obesity</i> , <b>2016</b> , 40, 1215-21	5.5	11
94	Activation of bile acid signaling improves metabolic phenotypes in high-fat diet-induced obese mice. <b>2016</b> , 311, G286-304		44
93	Brown and Beige Adipose Tissue: Therapy for Obesity and Its Comorbidities?. <b>2016</b> , 45, 605-21		23
92	The Contributing Role of Bile Acids to Metabolic Improvements After Obesity and Metabolic Surgery. <i>Obesity Surgery</i> , <b>2016</b> , 26, 2492-502	3.7	15
91	Fibroblast growth factor 21 correlates with weight loss after vertical sleeve gastrectomy in adolescents. <b>2016</b> , 24, 2377-2383		25
90	Does gastric bypass surgery change body weight set point?. <b>2016</b> , 6, S37-S43		13
89	Bile Acid Modifications at the Microbe-Host Interface: Potential for Nutraceutical and Pharmaceutical Interventions in Host Health. <b>2016</b> , 7, 313-33		108
88	Bile acids synthesis decreases after laparoscopic sleeve gastrectomy. <i>Surgery for Obesity and Related Diseases</i> , <b>2016</b> , 12, 763-769	3	21
87	Improved Muscle Mitochondrial Capacity Following Gastric Bypass Surgery in Obese Subjects. <i>Obesity Surgery</i> , <b>2016</b> , 26, 1391-7	3.7	12
86	FGF 19 and Bile Acids Increase Following Roux-en-Y Gastric Bypass but Not After Medical Management in Patients with Type 2 Diabetes. <i>Obesity Surgery</i> , <b>2016</b> , 26, 957-65	3.7	69
85	Roux-en-Y gastric bypass increases systemic but not portal bile acid concentrations by decreasing hepatic bile acid uptake in minipigs. <i>International Journal of Obesity</i> , <b>2017</b> , 41, 664-668	5.5	18

84	Mechanisms of Action of Surgical Interventions on Weight-Related Diseases: the Potential Role of Bile Acids. <i>Obesity Surgery</i> , <b>2017</b> , 27, 826-836	3.7	25
83	Bile Acid Control of Metabolism and Inflammation in Obesity, Type 2 Diabetes, Dyslipidemia, and Nonalcoholic Fatty Liver Disease. <b>2017</b> , 152, 1679-1694.e3		364
82	Bile acids and bariatric surgery. <b>2017</b> , 56, 75-89		67
81	Roles of Ileal ASBT and OSTF in Regulating Bile Acid Signaling. <b>2017</b> , 35, 261-266		19
80	Regulation of Energy Homeostasis After Gastric Bypass Surgery. <b>2017</b> , 19, 459-484		5
79	The Gut Microbiota as a Mediator of Metabolic Benefits after Bariatric Surgery. <i>Canadian Journal of Diabetes</i> , <b>2017</b> , 41, 439-447	2.1	49
78	Dynamics of Bile Acid Profiles, GLP-1, and FGF19 After Laparoscopic Gastric Banding. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2017</b> , 102, 2974-2984	5.6	18
77	Elevated fasting and postprandial C-terminal telopeptide after Roux-en-Y gastric bypass. <b>2017</b> , 54, 495-500		3
76	Chenodeoxycholic acid stimulates glucagon-like peptide-1 secretion in patients after Roux-en-Y gastric bypass. <b>2017</b> , 5, e13140		29
75	Gut Microbiota in Cardiovascular Health and Disease. <b>2017</b> , 120, 1183-1196		678
74	Ghrelin, CCK, GLP-1, and PYY(3-36): Secretory Controls and Physiological Roles in Eating and Glycemia in Health, Obesity, and After RYGB. <b>2017</b> , 97, 411-463		268
73	Roles of the gut in the metabolic syndrome: an overview. <b>2017</b> , 281, 319-336		66
72	Multi-omic network-based interrogation of rat liver metabolism following gastric bypass surgery featuring SWATH proteomics. <b>2017</b> , 5, 139-184		3
71	Bile Acid Alterations Are Associated With Insulin Resistance, but Not With NASH, in Obese Subjects. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2017</b> , 102, 3783-3794	5.6	55
70	Physiological and molecular responses to bariatric surgery: markers or mechanisms underlying T2DM resolution?. <b>2017</b> , 1391, 5-19		14
69	Clinical relevance of the bile acid receptor TGR5 in metabolism. <b>2017</b> , 5, 224-233		77
68	An extract from the Atlantic brown algae counteracts diet-induced obesity in mice via a gut related multi-factorial mechanisms. <b>2017</b> , 8, 73501-73515		14
67	The Influence of Microbiota on Mechanisms of Bariatric Surgery. <b>2017</b> , 267-281		1

66	Cross-Talk Between Bile Acids and Gastro-Intestinal and Thermogenic Hormones: Clues from Bariatric Surgery. <b>2017</b> , 16, s68-s82		10
65	Bile acids in glucose metabolism in health and disease. <b>2018</b> , 215, 383-396		167
64	Evaluating Causality of Gut Microbiota in Obesity and Diabetes in Humans. <b>2018</b> , 39, 133-153		132
63	Brown Adipose Tissue and Body Weight Regulation. <b>2018</b> , 117-132		2
62	A Meta-Analysis of GLP-1 After Roux-En-Y Gastric Bypass: Impact of Surgical Technique and Measurement Strategy. <i>Obesity Surgery</i> , <b>2018</b> , 28, 615-626	3.7	41
61	Roux-en-Y gastric bypass reduces plasma cholesterol in diet-induced obese mice by affecting trans-intestinal cholesterol excretion and intestinal cholesterol absorption. <i>International Journal of Obesity</i> , <b>2018</b> , 42, 552-560	5.5	13
60	Roux-en-Y Gastric Bypass Surgery Induces Distinct but Frequently Transient Effects on Acylcarnitine, Bile Acid and Phospholipid Levels. <i>Metabolites</i> , <b>2018</b> , 8,	5.6	9
59	Weight-Independent Mechanisms of Glucose Control After Roux-en-Y Gastric Bypass. <b>2018</b> , 9, 530		24
58	Fasting and postprandial serum bile acids after RYGB surgery. <b>2018</b> , 53, 1425-1426		
57	Attenuation of diet-induced hypothalamic inflammation following bariatric surgery in female mice. <b>2018</b> , 24, 56		10
56	Effects of Obesity and Gastric Bypass Surgery on Nutrient Sensors, Endocrine Cells, and Mucosal Innervation of the Mouse Colon. <i>Nutrients</i> , <b>2018</b> , 10,	6.7	20
55	Roux-en-Y Gastric Bypass Surgery-Induced Weight Loss and Metabolic Improvements Are Similar in TGR5-Deficient and Wildtype Mice. <i>Obesity Surgery</i> , <b>2018</b> , 28, 3227-3236	3.7	22
54	Therapeutic reduction of lysophospholipids in the digestive tract recapitulates the metabolic benefits of bariatric surgery and promotes diabetes remission. <i>Molecular Metabolism</i> , <b>2018</b> , 16, 55-64	8.8	4
53	Analysis Identifies Intestinal Transit as a Key Determinant of Systemic Bile Acid Metabolism. <b>2018</b> , 9, 631		15
52	Increased Bile Acids and FGF19 After Sleeve Gastrectomy and Roux-en-Y Gastric Bypass Correlate with Improvement in Type 2 Diabetes in a Randomized Trial. <i>Obesity Surgery</i> , <b>2018</b> , 28, 2672-2686	3.7	41
51	Metabolic Surgery for the Treatment of Diabetes Mellitus Positioning of Leading Medical Associations in Mexico. <i>Obesity Surgery</i> , <b>2018</b> , 28, 3474-3483	3.7	3
50	Mechanisms underlying the weight loss effects of RYGB and SG: similar, yet different. <b>2019</b> , 42, 117-128		86
49	Acute Changes of Bile Acids and FGF19 After Sleeve Gastrectomy and Roux-en-Y Gastric Bypass. <i>Obesity Surgery</i> , <b>2019</b> , 29, 3605-3621	3.7	17

48	Biliopancreatic Diversion Induces Greater Metabolic Improvement Than Roux-en-Y Gastric Bypass. <b>2019</b> , 30, 855-864.e3		15
47	Targeting Bile Acid-Activated Receptors in Bariatric Surgery. <b>2019</b> , 256, 359-378		2
46	Bile Diversion Improves Metabolic Phenotype Dependent on Farnesoid X Receptor (FXR). <b>2019</b> , 27, 803-812		3
45	The Liver Before and After Bariatric Surgery. <b>2019</b> , 39-58		
44	Systemic bile acids induce insulin resistance in a TGR5-independent manner. <b>2019</b> , 316, E782-E793		4
43	Ultra-Early and Early Changes in Bile Acids and Insulin After Sleeve Gastrectomy Among Obese Patients. <b>2019</b> , 55,		1
42	Bile acid alterations in nonalcoholic fatty liver disease, obesity, insulin resistance and type 2 diabetes: what do the human studies tell?. <b>2019</b> , 30, 244-254		22
41	Treatment of Obesity with Bariatric Surgery. <b>2019</b> , 442-458		
40	Bile acids and the metabolic syndrome. <b>2019</b> , 56, 326-337		25
39	Roux-en-Y Gastric-Bypass and sleeve gastrectomy induces specific shifts of the gut microbiota without altering the metabolism of bile acids in the intestinal lumen. <i>International Journal of Obesity</i> , <b>2019</b> , 43, 428-431	5.5	16
38	Effects of gastric bypass surgery on postprandial gut and systemic lipid handling. <b>2020</b> , 35, 95-102		1
37	Postprandial Dyslipidemia, Hyperinsulinemia, and Impaired Gut Peptides/Bile Acids in Adolescents with Obesity. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2020</b> , 105,	5.6	9
36	Downregulation of CTRP-3 by Weight Loss In Vivo and by Bile Acids and Incretins in Adipocytes In Vitro. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	3
35	Bilio-enteric flow and plasma concentrations of bile acids after gastric bypass and sleeve gastrectomy. <i>International Journal of Obesity</i> , <b>2020</b> , 44, 1872-1883	5.5	7
34	Is bariatric surgery resolving NAFLD via microbiota-mediated bile acid ratio reversal? A comprehensive review. <i>Surgery for Obesity and Related Diseases</i> , <b>2020</b> , 16, 1361-1369	3	7
33	Targeting bile acid metabolism in obesity reduction: A systematic review and meta-analysis. <i>Obesity Reviews</i> , <b>2020</b> , 21, e13017	10.6	12
32	Hepatic HAX-1 inactivation prevents metabolic diseases by enhancing mitochondrial activity and bile salt export. <i>Journal of Biological Chemistry</i> , <b>2020</b> , 295, 4631-4646	5.4	5
31	Ileo-colonic delivery of conjugated bile acids improves glucose homeostasis via colonic GLP-1-producing enteroendocrine cells in human obesity and diabetes. <i>EBioMedicine</i> , <b>2020</b> , 55, 102759	8.8	24

30	Adaptations in gastrointestinal physiology after sleeve gastrectomy and Roux-en-Y gastric bypass. <i>The Lancet Gastroenterology and Hepatology</i> , <b>2021</b> , 6, 225-237	18.8	9
29	Role of Bile Acids in the Regulation of Food Intake, and Their Dysregulation in Metabolic Disease. <i>Nutrients</i> , <b>2021</b> , 13,	6.7	22
28	Nutrients handling after bariatric surgery, the role of gastrointestinal adaptation. <i>Eating and Weight Disorders</i> , <b>2021</b> , 1	3.6	3
27	Factors Related to Weight Loss Maintenance in the Medium-Long Term after Bariatric Surgery: A Review. <i>Journal of Clinical Medicine</i> , <b>2021</b> , 10,	5.1	3
26	Bile Acids, Their Receptors, and the Gut Microbiota. <i>Physiology</i> , <b>2021</b> , 36, 235-245	9.8	4
25	Circulating Bile Acid Profiles: A Need for Further Examination. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2021</b> , 106, 3093-3112	5.6	1
24	Changes in fasting bile acid profiles after Roux-en-Y gastric bypass and sleeve gastrectomy. <i>Medicine (United States)</i> , <b>2021</b> , 100, e23939	1.8	7
23	Effects of Bariatric Surgery on Energy Homeostasis. <i>Canadian Journal of Diabetes</i> , <b>2017</b> , 41, 426-431	2.1	7
22	The effects of bariatric surgery on gut microbiota in patients with obesity: a review of the literature. <i>Bioscience of Microbiota, Food and Health</i> , <b>2019</b> , 38, 3-9	3.2	36
21	A duodenal sleeve bypass device added to intensive medical therapy for obesity with type 2 diabetes: a RCT. <i>Efficacy and Mechanism Evaluation</i> , <b>2020</b> , 7, 1-130	1.7	2
20	Effect of bariatric surgery on adiposity and metabolic profiles: A prospective cohort study in Middle-Eastern patients. <i>World Journal of Diabetes</i> , <b>2017</b> , 8, 374-380	4.7	1
19	Underlying Physiological Mechanisms of Bariatric Surgery. <b>2016</b> , 285-295		
18	Chirurgische Therapie der Adipositas. <b>2017</b> , 31-45		
17	The effect of Roux-en-Y gastric bypass in the treatment of hypertension and diabetes. <i>Revista Do Colegio Brasileiro De Cirurgioes</i> , <b>2020</b> , 47, e20202655	0.5	1
16	Gut microbiota specific signatures are related to the successful rate of bariatric surgery. <i>American Journal of Translational Research (discontinued)</i> , <b>2019</b> , 11, 942-952	3	18
15	Is Obesity/Adiposity-Based Chronic Disease Curable: The Set Point Theory, the Environment, and Second Generation Medications. <i>Endocrine Practice</i> , <b>2021</b> ,	3.2	1
14	Metabolomic signatures after bariatric surgery - a systematic review. <i>Reviews in Endocrine and Metabolic Disorders</i> , <b>2021</b> , 1	10.5	3
13	Gut-brain mechanisms underlying changes in disordered eating behaviour after bariatric surgery: a review. <i>Reviews in Endocrine and Metabolic Disorders</i> , <b>2021</b> , 1	10.5	0



12	Dietary fucoidan extracted from macroalgae alleviate the hepatic lipid accumulation of black seabream (). <i>Food and Function</i> , <b>2021</b> ,	6.1	o
11	Reversal of NAFLD After VSG Is Independent of Weight-Loss but RYGB Offers More Efficacy When Maintained on a High-Fat Diet.. <i>Obesity Surgery</i> , <b>2022</b> , 32, 2010	3.7	o
10	Data_Sheet_1.pdf. <b>2018</b> ,		
9	Data_Sheet_2.zip. <b>2018</b> ,		
8	Metabolic Profile and Metabolite Analyses in Extreme Weight Responders to Gastric Bypass Surgery. <i>Metabolites</i> , <b>2022</b> , 12, 417	5.6	o
7	Regulation of Body Weight: Lessons Learned from Bariatric Surgery. <i>Molecular Metabolism</i> , <b>2022</b> , 101518.8	18.8	1
6	Mucosal and hormonal adaptations after Roux-en-Y gastric bypass. <b>2022</b> ,		o
5	Surgical Therapy of Obesity. <b>2022</b> , 35-50		o
4	The role of the gut microbiota in health and cardiovascular diseases. <b>2022</b> , 3,		3
3	Physiology Reconfigured: How Does Bariatric Surgery Lead to Diabetes Remission?. <b>2022</b> ,		o
2	Intestinal plasticity and metabolism as regulators of organismal energy homeostasis.		1
1	Effect of sleeve gastrectomy and Roux-en-Y gastric bypass on gastrointestinal physiology. <b>2023</b> , 183, 92-101		o