Association of Changes in Oxidative and Proinflammato Function after a Lifestyle Modification Trial Among Obe

Clinical Chemistry

54, 147-153

DOI: 10.1373/clinchem.2007.089953

Citation Report

#	Article	IF	Citations
1	The Perfect Storm: Obesity, Adipocyte Dysfunction, and Metabolic Consequences. Clinical Chemistry, 2008, 54, 945-955.	1.5	593
2	Arterial function in youth: window into cardiovascular risk. Journal of Applied Physiology, 2008, 105, 325-333.	1.2	99
3	Physical activity and abdominal obesity in youth. Applied Physiology, Nutrition and Metabolism, 2009, 34, 571-581.	0.9	82
4	Effect of bariatric surgery on both functional and structural measures of premature atherosclerosis. European Heart Journal, 2009, 30, 2038-2043.	1.0	65
5	Can a Dairy-Rich Diet Be Effective in Long-Term Weight Control of Young Children?. Journal of the American College of Nutrition, 2009, 28, 601-610.	1.1	47
6	Obesity-related nephropathy in children. Pediatric Health, 2009, 3, 141-153.	0.3	10
7	Abdominal fat and metabolic risk in obese children and adolescents. Journal of Physiology and Biochemistry, 2009, 65, 415-420.	1.3	17
8	Effects of a lifestyle modification trial among phenotypically obese metabolically normal and phenotypically obese metabolically abnormal adolescents in comparison with phenotypically normal metabolically obese adolescents. Maternal and Child Nutrition, 2010, 6, 275-286.	1.4	22
9	Sex differences in oxidant/antioxidant balance under a chronic mild stress regime. Physiology and Behavior, 2009, 98, 215-222.	1.0	70
10	Oxidative stress and metabolic syndrome. Life Sciences, 2009, 84, 705-712.	2.0	691
11	A cross-sectional study of food group intake and C-reactive protein among children. Nutrition and Metabolism, 2009, 6, 40.	1.3	30
12	Lifestyle intervention in obese children is associated with a decrease of the metabolic syndrome prevalence. Atherosclerosis, 2009, 207, 174-180.	0.4	144
13	Adolescent obesity and bariatric surgery. Current Opinion in Endocrinology, Diabetes and Obesity, 2009, 16, 37-44.	1.2	12
14	A randomized, triple masked, placebo-controlled clinical trial for controlling childhood obesity. World Journal of Pediatrics, 2010, 6, 317-322.	0.8	39
15	C-Reactive protein levels are associated with adiposity and a high inflammatory foods index in mountainous Cypriot children. Clinical Nutrition, 2010, 29, 779-783.	2.3	19
16	Oxidative markers in children with severe obesity following lowâ€calorie diets supplemented with mandarin juice. Acta Paediatrica, International Journal of Paediatrics, 2010, 99, 1841-1846.	0.7	44
17	Stevioside inhibits atherosclerosis by improving insulin signaling and antioxidant defense in obese insulin-resistant mice. International Journal of Obesity, 2010, 34, 569-577.	1.6	64
18	Effect of Zinc Supplementation on Markers of Insulin Resistance, Oxidative Stress, and Inflammation among Prepubescent Children with Metabolic Syndrome. Metabolic Syndrome and Related Disorders, 2010, 8, 505-510.	0.5	107

#	Article	IF	Citations
19	Acute and long-term effects of grape and pomegranate juice consumption on vascular reactivity in paediatric metabolic syndrome. Cardiology in the Young, 2010, 20, 73-77.	0.4	39
20	Insulin Sensitivity, Serum Lipids, and Systemic Inflammatory Markers in School-Aged Obese and Nonobese Children. International Journal of Pediatrics (United Kingdom), 2010, 2010, 1-6.	0.2	27
21	Review of the Relationship between C-Reactive Protein and Exercise. Molecular Diagnosis and Therapy, 2011, 15, 265-275.	1.6	60
22	Oxidant mechanisms in childhood obesity: the link between inflammation and oxidative stress. Translational Research, 2011, 158, 369-384.	2.2	136
23	Laboratory and Field Testing of an Automated Atmospheric Particle-Bound Reactive Oxygen Species Sampling-Analysis System. Journal of Toxicology, 2011, 2011, 1-9.	1.4	34
24	Dose-dependent increases in flow-mediated dilation following acute cocoa ingestion in healthy older adults. Journal of Applied Physiology, 2011, 111, 1568-1574.	1.2	63
25	Short-term blueberry intake enhances biological antioxidant potential and modulates inflammation markers in overweight and obese children. Journal of Berry Research, 2011, 1, 147-158.	0.7	17
26	The Obesity Phenotype in Children with Asthma. Paediatric Respiratory Reviews, 2011, 12, 152-159.	1.2	39
27	Nontraditional Risk Factors and Biomarkers for Cardiovascular Disease: Mechanistic, Research, and Clinical Considerations for Youth. Circulation, 2011, 123, 2749-2769.	1.6	285
28	Improvement in HOMA-IR is an independent predictor of reduced carotid intima-media thickness in obese adolescents participating in an interdisciplinary weight-loss program. Hypertension Research, 2011, 34, 232-238.	1.5	36
29	Insulin Resistance and Glucose Metabolism in Childhood Obesity. , 2011, , 201-207.		0
30	Lifestyle Factors and Endothelial Function. Current Vascular Pharmacology, 2012, 10, 94-106.	0.8	9
31	Pediatric Metabolic Syndrome. , 2012, , .		8
32	Chronic inflammation is associated with overweight in Colombian school children. Nutrition, Metabolism and Cardiovascular Diseases, 2012, 22, 244-251.	1.1	15
33	Can a Trial of Motivational Lifestyle Counseling be Effective for Controlling Childhood Obesity and the Associated Cardiometabolic Risk Factors?. Pediatrics and Neonatology, 2012, 53, 90-97.	0.3	20
34	Metabolic Syndrome and Associated Kidney Disease. , 2012, , 117-136.		1
35	Do Obese Children Have Chronic Inflammation & Could This Contribute to Future CVD Risk?. Current Cardiovascular Risk Reports, 2012, 6, 579-590.	0.8	2
36	Efeito do treinamento fÃsico na pressÃ£o arterial de adolescentes com obesidade. Revista Paulista De Pediatria, 2012, 30, 600-607.	0.4	3

#	Article	IF	Citations
37	Endothelial dysfunction, inflammation, and oxidative stress in obese children and adolescents: markers and effect of lifestyle intervention. Obesity Reviews, 2012, 13, 441-455.	3.1	127
38	Nutritional status among women with preâ€eclampsia and healthy pregnant and nonâ€pregnant women in a Latin American country. Journal of Obstetrics and Gynaecology Research, 2012, 38, 498-504.	0.6	21
39	Calculating cardiac risk in obese adolescents before and after onset of lifestyle intervention. Expert Review of Cardiovascular Therapy, 2013, 11, 297-306.	0.6	11
40	The Effect of an Energy Restricted Low Glycemic Index Diet on Blood Lipids, Apolipoproteins and Lipoprotein (a) Among Adolescent Girls with Excess Weight: a Randomized Clinical Trial. Lipids, 2013, 48, 1197-1205.	0.7	9
41	Cardiovascular disease in childhood: the role of obesity. European Journal of Pediatrics, 2013, 172, 721-732.	1.3	134
42	Does Regular Exercise without Weight Loss Reduce Insulin Resistance in Children and Adolescents?. International Journal of Endocrinology, 2013, 2013, 1-10.	0.6	29
43	Biomarkers for cardiovascular risk in children. Current Opinion in Cardiology, 2013, 28, 103-114.	0.8	38
44	Effect of Zizyphus Jujuba Fruits on Dyslipidemia in Obese Adolescents: a Triple-masked Randomized Controlled Clinical Trial. Medicinski Arhiv = Medical Archives = Archives De MÃ©decine, 2013, 67, 156.	0.4	17
45	Oxidized low-density lipoprotein levels and carotid intima-media thickness as markers of early atherosclerosis in prepubertal obese children. Journal of Pediatric Endocrinology and Metabolism, 2013, 26, 657-62.	0.4	13
46	C-reactive protein and its relation to high blood pressure in overweight or obese children and adolescents. Revista Paulista De Pediatria, 2013, 31, 331-337.	0.4	17
47	Association of resistin and hs-CRP with liver enzymes and components of the metabolic syndrome in Iranian adolescents with excess weight: the CASPIAN-III Study. Pakistan Journal of Medical Sciences, 2013, 29, .	0.3	3
48	First report on the association of drinking water hardness and endothelial function in children and adolescents. Archives of Medical Science, 2014, 4, 746-751.	0.4	7
49	Effect of Fat Loss on Arterial Elasticity in Obese Adolescents With Clinical Insulin Resistance: RESIST Study. Journal of Clinical Endocrinology and Metabolism, 2014, 99, E1846-E1853.	1.8	7
50	Heterogeneous Vascular Responses to Lifestyle Intervention in Obese Latino Adolescents. Metabolic Syndrome and Related Disorders, 2014, 12, 509-515.	0.5	5
51	Changes in oxidative stress in response to different levels of energy restriction in obese ponies. British Journal of Nutrition, 2014, 112, 1402-1411.	1.2	20
52	Lifestyle Factors Affecting Abdominal Obesity in Children and Adolescents: Risks and Benefits. , 2014, , 39-56.		1
53	Influence of the Mediterranean diet on carotid intimaâ€“media thickness in hypercholesterolaemic children: A 12-month intervention study. Nutrition, Metabolism and Cardiovascular Diseases, 2014, 24, 75-82.	1.1	50
54	Hyperleptinemia: Implications on the Inflammatory State and Vascular Protection in Obese Adolescents Submitted to an Interdisciplinary Therapy. Inflammation, 2014, 37, 35-43.	1.7	23

#	Article	IF	Citations
55	Insulin resistance and endothelial function in children and adolescents. International Journal of Cardiology, 2014, 174, 343-347.	0.8	34
56	Novel Oncomarkers Used for Earlier Detection of Bladder Carcinoma ..... Miroslava BilecovÃ¡-RabajdovÃ¡, PhD; Peter Urban, PhD; MÃ¡ria MarekovÃ¡, PhD;. , 2014, , 515-540.		0
57	Effect of Aerobic versus Resistance Exercise on Pulse Wave Velocity, Intima Media Thickness and Left Ventricular Mass in Obese Adolescents. Pediatric Exercise Science, 2015, 27, 494-502.	0.5	16
58	High prevalence of cardiovascular risk factors in children and adolescents with Williams-Beuren syndrome. BMC Pediatrics, 2015, 15, 126.	0.7	11
59	Oxidative/Antioxidative Status in Obese and Sport Trained Children: A Comparative Study. BioMed Research International, 2015, 2015, 1-8.	0.9	14
60	Cardiovascular Consequences of Childhood Obesity. Canadian Journal of Cardiology, 2015, 31, 124-130.	0.8	114
61	Morbid Obesity in Adolescents. , 2015, , .		0
62	Pediatric Interventions Using Noninvasive Vascular Health Indices. Hypertension, 2015, 65, 949-955.	1.3	9
63	The effect of macrobiotic Ma-Pi 2 diet on systemic inflammation in patients with type 2 diabetes: a post hoc analysis of the MADIAB trial. BMJ Open Diabetes Research and Care, 2015, 3, e000079.	1.2	6
64	Exercise and Vascular Function in Child Obesity: A Meta-Analysis. Pediatrics, 2015, 136, e648-e659.	1.0	42
65	Cardiovascular complications of type 2 diabetes in youth. Biochemistry and Cell Biology, 2015, 93, 496-510.	0.9	5
66	Comparison of High-Protein, Intermittent Fasting Low-Calorie Diet and Heart Healthy Diet for Vascular Health of the Obese. Frontiers in Physiology, 2016, 7, 350.	1.3	45
67	Impact of physical exercise/activity on vascular structure and inflammation in pediatric populations: A literature review. Journal for Specialists in Pediatric Nursing, 2016, 21, 99-108.	0.6	16
68	Oxidative stress and nitric oxide are increased in obese children and correlate with cardiometabolic risk and renal function. British Journal of Nutrition, 2016, 116, 805-815.	1.2	37
69	Impact of Health Status and Lifestyle Modifications on Vascular Structure and Function in Children and Adolescents. American Journal of Lifestyle Medicine, 2017, 11, 330-343.	0.8	0
70	Effects of Exercise on Carotid Arterial Wall Thickness in Obese Pediatric Populations: A Meta-Analysis of Randomized Controlled Trials. Childhood Obesity, 2017, 13, 138-145.	0.8	22
71	Serum oxidized low-density lipoprotein levels are related to cardiometabolic risk and decreased after a weight loss treatment in obese children and adolescents. Pediatric Diabetes, 2017, 18, 392-398.	1.2	13
72	Serum Polychlorinated Biphenyls Increase and Oxidative Stress Decreases with a Protein-Pacing Caloric Restriction Diet in Obese Men and Women. International Journal of Environmental Research and Public Health, 2017, 14, 59.	1.2	12

#	Article	IF	Citations
73	Effect of short-term hazelnut consumption on DNA damage and oxidized LDL in children and adolescents with primary hyperlipidemia: a randomized controlled trial. Journal of Nutritional Biochemistry, 2018, 57, 206-211.	1.9	24
74	Oxidized and electronegative low-density lipoprotein as potential biomarkers of cardiovascular risk in obese adolescents. Clinics, 2018, 73, e189.	0.6	5
75	In utero programming and early detection of cardiovascular disease in the offspring of mothers with obesity. Atherosclerosis, 2018, 275, 182-195.	0.4	28
76	Effect of a Physical Activity Consultation in the Management of Adolescent Overweight (the) Tj ETQq1 1 0.784314 rgBT /Overlock 10	0.6	5
77	Effects of Telephone Follow-Up Intervention on %Body Fat, Inflammatory Cytokines, and Oxidative Stress in Obese Hispanic Children. International Journal of Environmental Research and Public Health, 2019, 16, 2854.	1.2	1
78	Intermittent Energy Restriction Is a Feasible, Effective, and Acceptable Intervention to Treat Adolescents with Obesity. Journal of Nutrition, 2019, 149, 1189-1197.	1.3	31
79	Effects of a lifestyle intervention on markers of cardiometabolic risk and oxidized lipoproteins among obese adolescents with prediabetes. Public Health Nutrition, 2019, 22, 706-713.	1.1	3
80	Changes in Oxidized Low-Density Lipoprotein Rather Than in Paraoxonase1 are Associated with Changes in the Leptin/Leptin Receptor Ratio in Obese Children During Weight-Loss Therapy. Experimental and Clinical Endocrinology and Diabetes, 2019, 127, 267-275.	0.6	1
81	Effects of high-intensity interval training on endothelial function, lipid profile, body composition and physical fitness in normal-weight and overweight-obese adolescents: A clinical trial. Physiology and Behavior, 2020, 213, 112728.	1.0	30
82	Pulse Wave Velocity Is Associated with Increased Plasma oxLDL in Ageing but Not with FGF21 and Habitual Exercise. Antioxidants, 2020, 9, 221.	2.2	3
83	Impact of physical activity on redox status and nitric oxide bioavailability in nonoverweight and overweight/obese prepubertal children. Free Radical Biology and Medicine, 2021, 163, 116-124.	1.3	6
84	Vascular Ageing in Youth: A Call to Action. Heart Lung and Circulation, 2021, 30, 1613-1626.	0.2	24
85	Oxidative Stress and Cardiovascular Risk and Prevention in Children and Adolescents. , 2019, , 3-18.		2
86	Inflammation-Induced Atherosclerosis as a Target for Prevention of Cardiovascular Diseases from Early Life~!2009-11-02~!2009-12-05~!2010-02-22~!. Open Cardiovascular Medicine Journal, 2010, 4, 24-29.	0.6	16
87	Inflammation in depression: is adiposity a cause?. Dialogues in Clinical Neuroscience, 2011, 13, 41-53.	1.8	91
88	Effect of the peels of two Citrus fruits on endothelium function in adolescents with excess weight: A triple-masked randomized trial. Journal of Research in Medical Sciences, 2015, 20, 721.	0.4	8
89	Clinical Effects of Portulaca Oleracea Seeds on Dyslipidemia in Obese Adolescents: a Triple-blinded Randomized Controlled Trial. Medicinski Arhiv = Medical Archives = Archives De MÃ©decine, 2014, 68, 195.	0.4	17
90	Clinical Effects of Rhus coriaria Fruits on Dyslipidemia in Adolescents: a Triple-blinded Randomized Placebo-controlled Trial. Medicinski Arhiv = Medical Archives = Archives De MÃ©decine, 2014, 68, 308.	0.4	21

#	Article	IF	Citations
91	Role of exercise on insulin sensitivity and beta-cell function: is exercise sufficient for the prevention of youth-onset type 2 diabetes?. Annals of Pediatric Endocrinology and Metabolism, 2020, 25, 208-216.	0.8	14
92	Effects of exercise training program on carotid intima-media thickness and brachial artery endothelium-dependent flow mediated vasodilation in obese adolescents. Exercise Science, 2010, 19, 165-174.	0.1	1
93	Measurement of Atherosclerosis in Morbidly Obese Adolescents. , 2015, , 55-65.		0
94	Physiological, Biochemical and Molecular Role of Oxidative Stress in Cardiovascular Disease: A Comprehensive Study. Current Research in Cardiovascular Pharmacology, 2016, 6, 1-16.	0.0	0
95	Acute and long term effects of grape and pomegranate juice consumption on endothelial dysfunction in pediatric metabolic syndrome. Journal of Research in Medical Sciences, 2011, 16, 245-53.	0.4	29
96	Overweight, air and noise pollution: Universal risk factors for pediatric pre-hypertension. Journal of Research in Medical Sciences, 2011, 16, 1234-50.	0.4	30
97	Association of particulate air pollution and secondhand smoke on endothelium-dependent brachial artery dilation in healthy children. Journal of Research in Medical Sciences, 2012, 17, 317-21.	0.4	11
98	The Combating Obesity in MÄori and Pasifika Adolescent School-Children Study: COMPASS Methodology and Study Protocol. International Journal of Preventive Medicine, 2013, 4, 565-79.	0.2	7
99	Controlling childhood obesity: A systematic review on strategies and challenges. Journal of Research in Medical Sciences, 2014, 19, 993-1008.	0.4	90
100	Pediatric Obesity and Cardiometabolic Disorders: Risk Factors and Biomarkers. Electronic Journal of the International Federation of Clinical Chemistry and Laboratory Medicine, 2017, 28, 6-24.	0.7	17
101	Relations between oxidized low-density lipoproteins and fat-soluble vitamin concentrations in obese children - preliminary study. Medycyna Wieku Rozwojowego, 2017, 21, 266-271.	0.2	3
102	Aerobic exercise is an independent determinant of levels of inflammation and oxidative stress in middle-aged obese females. Journal of Exercise Rehabilitation, 2022, 18, 43-49.	0.4	2
104	A Systematic Review of the Associations of Adiposity and Cardiorespiratory Fitness With Arterial Structure and Function in Nonclinical Children and Adolescents. Pediatric Exercise Science, 2023, 35, 174-185.	0.5	1
105	Lipid Biomarkers and Atherosclerosisâ€"Old and New in Cardiovascular Risk in Childhood. International Journal of Molecular Sciences, 2023, 24, 2237.	1.8	8