

# Obesity

## Current Awareness Bulletin

November 2020

This Current Awareness Bulletin is produced by the Yeovil Academy Library to provide staff with a range of obesity-related resources to support practice. It includes recently published guidelines and research articles, as well as news and policy items.



In order to get the most from this bulletin, you will need an OpenAthens username and password. This will grant full text access to many of the listed resources. To register for an OpenAthens account go to: [openathens.nice.org.uk](https://openathens.nice.org.uk).

## Systematic Reviews



### [Interventions for the management of obesity in people with bipolar disorder](#)

Agnes Tully, Siobhan Smyth, Yvonne Conway, John Geddes, Declan Devane, John P Kelly, Fionnuala Jordan  
Intervention

Review

20 July 2020

Bipolar disorder is one of the most common serious mental illnesses, affecting approximately 60 million people worldwide. Characterised by extreme alterations in mood, cognition, and behaviour, bipolar disorder can have a significant negative impact on functioning and quality of life.

### [Taxation of the fat content of foods for reducing their consumption and preventing obesity or other adverse health outcomes](#)

Stefan K Lhachimi, Frank Pega, Thomas L Heise, Candida Fenton, Gerald Gartlehner, Ursula Griebler, Isolde Sommer, Manuela Bombana, Srinivasa Vittal Katikireddi

Intervention

Review

11 September 2020

Overweight and obesity are increasing worldwide and are considered to be a major public health issue of the 21st century. Introducing taxation of the fat content in foods is considered a potentially powerful policy tool to reduce consumption of foods high in fat or saturated fat, or both.

### [Treatment options for morbid obesity: rapid review for a patient decision aid](#)

Treatment options for morbid **obesity** include lifestyle interventions alone or in combination with motivational stays, surgical treatments and pharmacological treatments.

2020 [Norwegian Institute of Public Health](#)

### [Childhood obesity: applying All Our Health](#)

Guidance Childhood **obesity**: applying All Our Health Evidence and guidance on childhood **obesity**, to help families and communities intervene and help change eating and activity habits.

2020 [Public Health England](#)

### [Obesity, weight management and people with learning disabilities](#)

2020 [Public Health England](#)

## UpToDate

UpToDate® is accessible via the links section of the library intranet [YCloud](#) page or via the [library blog](#). It can also be accessed at [uptodate.com/login](https://uptodate.com/login) with an OpenAthens username and password. To register for an OpenAthens account [click here](#).

### [Overweight and obesity in adults: Health consequences](#)

Literature review current through: Oct 2020. | This topic last updated: Oct 09, 2020.

Overweight refers to a weight above the "normal" range. Although imperfect, calculation of the body mass index is widely accepted for the determination of underweight, normal weight, overweight, and obesity.

### [Overview of the health consequences of obesity in children and adolescents](#)

Literature review current through: Oct 2020. | This topic last updated: Oct 06, 2020.

This topic presents an overview of the comorbidities of obesity in children and adolescents, which include abnormalities in cardiovascular, dermatologic, endocrine, gastrointestinal, neurologic, orthopedic, psychosocial, and pulmonary health, as well as functional limitations. Evaluation and monitoring for these comorbidities are important components of health care for individuals with obesity.

### [Definition, epidemiology, and etiology of obesity in children and adolescents](#)

Literature review current through: Oct 2020. | This topic last updated: Oct 06, 2020.

Obesity has become one of the most important public health problems in the United States and many other resource-rich countries and transitional economies. As the prevalence of obesity has increased, so has the prevalence of the comorbidities associated with obesity. For this reason, it is imperative that health care providers identify overweight and obese children so that counseling and treatment can be provided.

# Journal Articles

If you would like help obtaining any of the articles, please contact the Library.

## NICE Healthcare Databases

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### 1. Covid-19: England's obesity strategy will fail without tackling social factors, warn doctors

**Author(s):** Mahase, Elisabeth

**Source:** BMJ : British Medical Journal (Online); Jul 2020; vol. 370

**Publication Date:** Jul 2020

**Publication Type(s):** News

Available at [BMJ \(Clinical research ed.\)](#) - from BMJ Journals - NHS

Available at [BMJ \(Clinical research ed.\)](#) - from Academy Library - Yeovil (lib303095) Local Print Collection starts volume 360 (8135)

Available at [BMJ \(Clinical research ed.\)](#) - from Unpaywall

**Abstract:**Having a BMI of 35 to 40 may increase the risk of death from covid-19 by 40%, while a BMI of over 40 could increase the risk by 90%, says a Public Health England report.<sup>1</sup> In light of this the government has announced a new obesity strategy for England, which includes a ban on television and online advertisements for food high in fat, sugar, and salt before 9 pm, calorie content displayed on restaurant menus for food and alcoholic drinks, and an end to "buy one and get one free" deals on unhealthy food

**Database:** BNI

### 2. Cost-Effectiveness of Cardiovascular, Obesity, and Diabetes Mellitus Drugs: Comparative Analysis of the United States and England.

**Author(s):** Cherla ; Renwick, Matthew; Stefanini, Giulio; Holmes Jr, David R.; Mossialos, Elias; Holmes, David R Jr

**Source:** Journal of the American Heart Association; Nov 2020; vol. 9 (no. 21); p. 1-3

**Publication Date:** Nov 2020

**Publication Type(s):** Academic Journal

**PubMedID:** NLM33121302

Available at [Journal of the American Heart Association](#) - from Europe PubMed Central - Open Access

Available at [Journal of the American Heart Association](#) - from HighWire - Free Full Text

Available at [Journal of the American Heart Association](#) - from Wiley Online Library Free Content - NHS

Available at [Journal of the American Heart Association](#) - from Unpaywall

**Database:** CINAHL

### 3. UK policy targeting obesity during a pandemic - the right approach?

**Author(s):**

**Source:** Nature Reviews Endocrinology; Nov 2020; vol. 16 (no. 11); p. 609-609

**Publication Date:** Nov 2020

**Publication Type(s):** Academic Journal

**PubMedID:** NLM32929229

Available at [Nature reviews. Endocrinology](#) - from Unpaywall

**Abstract:**In July 2020, the UK Government began the Better Health campaign to target overweight and obesity in light of the ongoing COVID-19 pandemic. This free weight loss plan is meant to encourage healthier eating habits and a more active lifestyle, but the approach is flawed.

**Database:** CINAHL

### 4. Tackling UK obesity levels to reduce COVID-19 fatalities.

**Author(s):** Glasper, Alan

**Source:** British Journal of Healthcare Assistants; Oct 2020; vol. 14 (no. 9); p. 450-455

**Publication Date:** Oct 2020

**Publication Type(s):** Academic Journal

Available at [British Journal of Healthcare Assistants](#) - from MAG Online Library

**Abstract:**The article focuses on Great Britain prime minister Boris Johnson has launched a series of policy initiatives under the umbrella of the Better Health campaign of his government's obesity strategy that aims to improve the health of the nation greater protection against the impact of the COVID-19.

**Database:** CINAHL

### 5. Effect of Citric Acid Cycle Genetic Variants and Their Interactions with Obesity, Physical Activity and Energy Intake on the Risk of Colorectal Cancer: Results from a Nested Case-Control Study in the UK Biobank.

**Author(s):** Cho ; Song, Nan; Choi, Ji-Yeob; Shin, Aesun

**Source:** Cancers; Oct 2020; vol. 12 (no. 10); p. 2939-2939

**Publication Date:** Oct 2020

**Publication Type(s):** Academic Journal

Available at [Cancers](#) - from Europe PubMed Central - Open Access

Available at [Cancers](#) - from Unpaywall

**Abstract:** The citric acid cycle has a central role in the cellular energy metabolism and biosynthesis of macromolecules in the mitochondrial matrix. We identified the single nucleotide polymorphisms (SNPs) of the citrate acid cycle with colorectal cancer susceptibility in UK population.

**Database:** CINAHL

## **6. Obesity and risk of COVID-19: analysis of UK biobank.**

**Author(s):** Yates ; Razieh, Cameron; Zaccardi, Francesco; Davies, Melanie J.; Khunti, Kamlesh

**Source:** Primary Care Diabetes; Oct 2020; vol. 14 (no. 5); p. 566-567

**Publication Date:** Oct 2020

**Publication Type(s):** Academic Journal

**PubMedID:** NLM32493608

Available at [Primary care diabetes](#) - from Unpaywall

**Database:** CINAHL

## **7. Basic science: Type 2 diabetes, obesity, and diabetes complications...Diabetes UK Professional Conference 2020**

**Author(s):**

**Source:** Diabetic Medicine; Sep 2020; vol. 37 ; p. 24-26

**Publication Date:** Sep 2020

**Publication Type(s):** Academic Journal

Available at [Diabetic Medicine](#) - from Wiley Online Library Medicine and Nursing Collection 2020

**Abstract:**The article presents the discussion on type 2 diabetes, its obesity, and diabetes complications. Topics include glucose metabolism being a key regulator of pancreatic beta cell autophagy; inhibition of integrin A2B1 negating collagen-I inducing changes in connexin mediated hemichannel activity in an in vitro model of diabetic nephropathy; and Interleukin-17A mediating blood–retinal barrier disruption being a key mediating mechanism of vision loss.

**Database:** CINAHL

## **8. Basic and clinical science posters: Diet, obesity, exercise and inflammation...Diabetes UK Professional Conference 2020.**

**Author(s):**

**Source:** Diabetic Medicine; Sep 2020; vol. 37 ; p. 44-45

**Publication Date:** Sep 2020

**Publication Type(s):** Academic Journal

Available at [Diabetic Medicine](#) - from Wiley Online Library Medicine and Nursing Collection 2020

**Abstract:**The article presents the discussion on diet, obesity, exercise, and inflammation. Topics include stimulated c-peptide being associated with improved glycemic control after exercise in individuals with type 1 diabetes; high-fat diet pattern associated with subsequent changes in HbA1c during an intensive diet and physical activity intervention; and cardiorespiratory fitness in patients with type 2 diabetes and non-alcoholic fatty liver disease.

**Database:** CINAHL

## 9. Clinical care and other categories posters: Diet, obesity, exercise and inflammation...Diabetes UK Professional Conference 2020

**Author(s):**

**Source:** Diabetic Medicine; Sep 2020; vol. 37 ; p. 87-89

**Publication Date:** Sep 2020

**Publication Type(s):** Academic Journal

Available at [Diabetic Medicine](#) - from Wiley Online Library Medicine and Nursing Collection 2020

**Abstract:**The article presents the discussion on diet, obesity, exercise, and inflammation. Topics include total dietary replacement and remission of type 2 diabetes as perspectives of Kuwaiti dietitians; low calorie diets for treating obesity and type 2 diabetes; and real-world evaluation of a remote digitally enabled type 2 diabetes remission programme.

**Database:** CINAHL

## 10. The role of polygenic susceptibility to obesity among carriers of pathogenic mutations in MC4R in the UK Biobank population.

**Author(s):** Chami ; Preuss, Michael; Walker, Ryan W.; Moscati, Arden; Loos, Ruth J. F.

**Source:** PLoS Medicine; Jul 2020; vol. 17 (no. 7); p. 1-20

**Publication Date:** Jul 2020

**Publication Type(s):** Academic Journal

**PubMedID:** NLM32692746

Available at [PLoS medicine](#) - from Europe PubMed Central - Open Access

Available at [PLoS medicine](#) - from Public Library of Science (PLoS)

Available at [PLoS medicine](#) - from ProQuest (Health Research Premium) - NHS Version

Available at [PLoS medicine](#) - from Unpaywall

**Abstract:** We showed that large-scale data are needed to validate the impact of mutations observed in small-scale and case-focused studies. Furthermore, we observed that despite the key role of MC4R in obesity, the effects of pathogenic MC4R mutations may be countered, at least in part, by a low polygenic risk potentially representing other innate mechanisms implicated in body weight regulation.

**Database:** CINAHL

## 11. On the Definition of Sarcopenia in the Presence of Aging and Obesity-Initial Results from UK Biobank.

**Author(s):** Linge ; Heymsfield, Steven B; Leinhard, Olof Dahlqvist; Dahlqvist Leinhard, Olof

**Source:** Journals of Gerontology Series A: Biological Sciences & Medical Sciences; Jul 2020; vol. 75 (no. 7); p. 1309-1316

**Publication Date:** Jul 2020

**Publication Type(s):** Academic Journal

**PubMedID:** NLM31642894

Available at [The journals of gerontology. Series A, Biological sciences and medical sciences](#) - from Unpaywall

**Abstract:** VCG-adjusted FFMV enables proper sarcopenia assessment across BMI classes and strengthened the link to function. MFI and FFMV combined provides a more complete, muscle-specific description linked to function enabling objective sarcopenia detection.

**Database:** CINAHL

## **12. Neighbourhood greenspace influences on childhood obesity in Sheffield, UK.**

**Author(s):** Mears ; Brindley, Paul; Baxter, Ian; Maheswaran, Ravi; Jorgensen, Anna

**Source:** *Pediatric Obesity*; Jul 2020; vol. 15 (no. 7); p. 1-11

**Publication Date:** Jul 2020

**Publication Type(s):** Academic Journal

Available at [Pediatric obesity](#) - from Wiley Online Library Medicine and Nursing Collection 2020

**Abstract:** One cause of childhood obesity is a reduction in the amount of unstructured time spent outdoors, resulting in less physical activity. Greenspaces have the potential to increase children's physical activity levels, so it is desirable to understand how to create spaces that promote visitation and activity.

**Database:** CINAHL

## **13. Impact of obesity and metabolic health status in the development of non-alcoholic fatty liver disease (NAFLD): A United Kingdom population-based cohort study using the health improvement network (THIN).**

**Author(s):** Vusirikala ; Thomas, T.; Bhala, N.; Tahrani, A. A.; Thomas, G. N.; Nirantharakumar, K.

**Source:** *BMC Endocrine Disorders*; Jun 2020; vol. 20 (no. 1); p. 1-11

**Publication Date:** Jun 2020

**Publication Type(s):** Academic Journal

Available at [BMC Endocrine Disorders](#) - from BioMed Central

Available at [BMC Endocrine Disorders](#) - from Europe PubMed Central - Open Access

Available at [BMC Endocrine Disorders](#) - from ProQuest (Health Research Premium) - NHS Version

Available at [BMC Endocrine Disorders](#) - from Unpaywall

**Abstract:** MHO individuals are at greater risk of developing NAFLD compared to those with normal weight. This finding supports that the MHO phenotype is a temporary state, and weight must be considered a risk factor even before other risk factors develop. Being normal weight with metabolic abnormalities was also associated with risk of NAFLD.

**Database:** CINAHL

## **14. A systematic review of UK-based long-term nonsurgical interventions for people with severe obesity (BMI $\geq 35$ kg m<sup>-2</sup>).**

**Author(s):** Aceves-Martins ; Robertson, C.; Cooper, D.; Avenell, A.; Stewart, F.; Aveyard, P.; Bruin, M.

**Source:** *Journal of Human Nutrition & Dietetics*; Jun 2020; vol. 33 (no. 3); p. 351-372

**Publication Date:** Jun 2020

**Publication Type(s):** Academic Journal

Available at [Journal of human nutrition and dietetics : the official journal of the British Dietetic Association](#) - from Wiley Online Library Medicine and Nursing Collection 2020

Available at [Journal of human nutrition and dietetics : the official journal of the British Dietetic Association](#) - from Unpaywall

**Abstract:** There is a persistent and clear need for guidance on long-term weight data collection and reporting methods to allow comparisons across studies and services for participants with severe obesity. Data could also include quality of life, clinical outcomes, adverse events, costs and economic outcomes. A randomised trial comparison of National Health Service Tier 3 services with commercial WMSs would be of value.

**Database:** CINAHL

### **15. Morbid obesity in the UK: A modelling projection study to 2035.**

**Author(s):** Keaver ; Xu, Benshuai; Jaccard, Abbygail; Webber, Laura

**Source:** Scandinavian Journal of Public Health; Jun 2020; vol. 48 (no. 4); p. 422-427

**Publication Date:** Jun 2020

**Publication Type(s):** Academic Journal

**Abstract:** The prevalence of morbid obesity is predicted to increase by 2035 across the three UK countries, with Wales projected to have the highest rates. This is likely to have serious health and financial implications for society and the UK health system.

**Database:** CINAHL

### **16. Genetic risk of obesity as a modifier of associations between neighbourhood environment and body mass index: An observational study of 335 046 UK Biobank participants**

**Author(s):** Mason K.E.; Palla L.; Pearce N.; Phelan J.; Cummins S.

**Source:** BMJ Nutrition, Prevention and Health; 2020

**Publication Date:** 2020

**Publication Type(s):** Article

Available at [BMJ Nutrition, Prevention & Health](#) - from Unpaywall

**Abstract:** Individuals at an increased genetic risk of obesity may be more sensitive to exposure to the local fast-food environment. Ensuring that neighbourhood residential environments are designed to promote a healthy weight may be particularly important for those with greater genetic susceptibility to obesity. Copyright © Author(s) (or their employer(s)) 2020. Re-use permitted under CC BY. Published by BMJ.

**Database:** EMCARE

### **17. A cross-sectional study using the Childhood Measurement Programme for Wales to examine population-level risk factors associated with childhood obesity**

**Author(s):** Beynon C.; Bailey L.; Pashayan N.; Raine R.; Fisher E.; Hargreaves D.S.

**Source:** Public Health Nutrition; 2020

**Publication Date:** 2020

**Publication Type(s):** Article

**Abstract:** The current study indicates that, even after accounting for deprivation, risk factors such as the density of fast food outlets and access to green space should be considered when tackling childhood obesity as a public health issue. Copyright © The Author(s), 2020.

**Database:** EMCARE

### **18. Influence of obesity prevalence on social norms and weight control motivation: a cross-sectional comparison of the Netherlands and the UK**

**Author(s):** Gillison F.B.; Grey E.B.; Standage M.; Watson D.; Killen V.; Kremers S.P.J.

**Source:** Psychology, Health and Medicine; 2020

**Publication Date:** 2020

**Publication Type(s):** Article

**Abstract:** This cross-sectional survey study explored associations between perceived bodyweight norms, psychological need satisfaction and motivation for weight control among 500 adult residents of two countries with different overweight/obesity prevalence: the UK (63% prevalence) and the Netherlands (50%)..

**Database:** EMCARE



### 19. Changing frames of obesity in the UK press 2008-2017

**Author(s):** Baker P.; Brookes G.; Atanasova D.; Flint S.W.

**Source:** Social Science and Medicine; Nov 2020; vol. 264

**Publication Date:** Nov 2020

**Publication Type(s):** Article

Available at [Social science & medicine \(1982\)](#) - from Unpaywall

**Abstract:** Obesity is a persistently newsworthy topic for the UK press and in recent years levels of coverage have increased. In this study, we examine the ways in which obesity has been framed by the press over a ten-year period (2008-2017), focussing both on areas of stability and change.

**Database:** EMCARE

### 20. Iodine status of pregnant women with obesity from inner city populations in the United Kingdom.

**Author(s):** Farebrother, Jessica; Dalrymple, Kathryn V; White, Sara L; Gill, Carolyn; Brockbank, Anna; Lazarus, John H; Godfrey, Keith M; Poston, Lucilla; Flynn, Angela C

**Source:** European journal of clinical nutrition; Nov 2020

**Publication Date:** Nov 2020

**Publication Type(s):** Journal Article

**PubMedID:** 33184453

**Abstract:** Iodine status of pregnant women with obesity from this cohort of UK women was suboptimal. Lower iodine status was associated with lower birthweight.

**Database:** Medline

### 21. Developing Integrated Clinical Pathways for the Management of Clinically Severe Adult Obesity: a Critique of NHS England Policy.

**Author(s):** Hazlehurst, Jonathan M; Logue, Jennifer; Parretti, Helen M; Abbott, Sally; Brown, Adrian; Pournaras, Dimitri J; Tahrani, Abd A

**Source:** Current obesity reports; Nov 2020

**Publication Date:** Nov 2020

**Publication Type(s):** Journal Article Review

**PubMedID:** 33180307

Available at [Current obesity reports](#) - from Unpaywall

**Abstract:** Pathways for obesity prevention and treatment are well documented, yet the prevalence of obesity is rising, and access to treatment (including bariatric surgery) is limited. This review seeks to assess the current integrated clinical pathway for obesity management in England and determine the major challenges.

**Database:** Medline

**22. UK real-world experience of prescribing rivaroxaban for acute venous thromboembolism in obesity: Results from the FIRST Registry.**

**Author(s):** Speed, V; Patel, J P; Roberts, L N; Patel, R K; Arya, R; FIRST Registry Investigators

**Source:** Thrombosis research; Oct 2020; vol. 197 ; p. 16-19

**Publication Date:** Oct 2020

**Publication Type(s):** Letter

**PubMedID:** 33160116

**Database:** Medline

**23. Ultra-processed food consumption and risk of obesity: a prospective cohort study of UK Biobank.**

**Author(s):** Rauber, Fernanda; Chang, Kiara; Vamos, Eszter P; da Costa Louzada, Maria Laura; Monteiro, Carlos Augusto; Millett, Christopher; Levy, Renata Bertazzi

**Source:** European journal of nutrition; Oct 2020

**Publication Date:** Oct 2020

**Publication Type(s):** Journal Article

**PubMedID:** 33070213

Available at [European journal of nutrition](#) - from Unpaywall

**Abstract:** Our findings provide evidence that higher consumption of ultra-processed food is strongly associated with a higher risk of multiple indicators of obesity in the UK adult population. Policy makers should consider actions that promote consumption of fresh or minimally processed foods and reduce consumption of ultra-processed foods.

**Database:** Medline

**24. Impact of COVID-19 on Obesity Management Services in the United Kingdom (The COMS-UK study).**

**Author(s):** Moussa, Osama; Zakeri, Roxanna; Arhi, Chanpreet; O'Kane, Mary; Snowdon-Carr, Vanessa; Menon, Vinod; Mahawar, Kamal; Purkayastha, Sanjay; PanSurg collaborative (COVESITY)

**Source:** Obesity surgery; Oct 2020

**Publication Date:** Oct 2020

**Publication Type(s):** Journal Article

**PubMedID:** 33048286

Available at [Obesity surgery](#) - from Unpaywall

**Abstract:** Coronavirus Disease-2019 (COVID-19) has had a severe impact on all aspects of global healthcare delivery. This study aimed to investigate the nationwide impact of the pandemic on obesity management services in the UK in a questionnaire-based survey conducted of professionals involved in the delivery.

**Database:** Medline

**25. Variation in the Socioeconomic Gradient of Obesity by Ethnicity - England's National Child Measurement Programme.**

**Author(s):** Strugnell, Claudia; Mathrani, Shireen; Sollars, Loretta; Swinburn, Boyd; Copley, Vicky

**Source:** Obesity (Silver Spring, Md.); Oct 2020; vol. 28 (no. 10); p. 1951-1963

**Publication Date:** Oct 2020

**Publication Type(s):** Journal Article

**PubMedID:** 32886431

Available at [Obesity \(Silver Spring, Md.\)](#) - from Wiley Online Library

Available at [Obesity \(Silver Spring, Md.\)](#) - from Unpaywall

**Abstract:** Ethnicity had an independent influence on overweight/obesity risk after adjustment for socioeconomic position.

**Database:** Medline

**26. Obesity as a risk factor for COVID-19 mortality in women and men in the UK biobank: Comparisons with influenza/pneumonia and coronary heart disease.**

**Author(s):** Peters, Sanne A E; MacMahon, Stephen; Woodward, Mark

**Source:** Diabetes, obesity & metabolism; Sep 2020

**Publication Date:** Sep 2020

**Publication Type(s):** Journal Article

**PubMedID:** 32969132

Available at [Diabetes, obesity & metabolism](#) - from Wiley Online Library Medicine and Nursing Collection 2020

Available at [Diabetes, obesity & metabolism](#) - from Unpaywall

**Abstract:** A higher BMI was associated with a stronger risk of COVID-19 mortality in women than men; the women-to-men ratio of hazard ratios was 1.20 (95% confidence interval 1.00; 1.43). This study demonstrates the role of obesity in COVID-19 mortality and shows that the relative effects of a higher BMI on COVID-19 mortality may be stronger in women than men.

**Database:** Medline

**27. Overweight, obesity, and risk of hospitalization for COVID-19: A community-based cohort study of adults in the United Kingdom.**

**Author(s):** Hamer, Mark; Gale, Catharine R; Kivimäki, Mika; Batty, G David

**Source:** Proceedings of the National Academy of Sciences of the United States of America; Sep 2020; vol. 117 (no. 35); p. 21011-21013

**Publication Date:** Sep 2020

**Publication Type(s):** Research Support, Non-u.s. Gov't Research Support, N.i.h., Extramural Journal Article

**PubMedID:** 32788355

Available at [Proceedings of the National Academy of Sciences of the United States of America](#) - from Unpaywall

**Abstract:**The role of obesity and overweight in occurrence of COVID-19 is unknown. We conducted a large-scale general population study using data from a community-dwelling sample in England with prospective linkage to national registry on hospitalization for COVID-19. Body mass index was used as an indicator of overall obesity, and waist-hip ratio for central obesity.

**Database:** Medline

### **28. Parents labor supply and childhood obesity: Evidence from Scotland.**

**Author(s):** Milovanska-Farrington, Stefani

**Source:** Economics and human biology; Aug 2020; vol. 38 ; p. 100897

**Publication Date:** Aug 2020

**Publication Type(s):** Journal Article

**PubMedID:** 32599535

**Abstract:** This research examines the effect of the extensive and intensive margins of parental employment on children's body mass index (BMI) z-score and likelihood of belonging to different weight status categories in Scotland. We also investigate some mechanisms driving the relationship.

**Database:** Medline

### **29. BMI mobility and obesity transitions among children in Ireland.**

**Author(s):** Madden, David

**Source:** Economics and human biology; Aug 2020; vol. 38 ; p. 100896

**Publication Date:** Aug 2020

**Publication Type(s):** Journal Article

**PubMedID:** 32526642

Available at [Economics and human biology](#) - from Unpaywall

**Abstract:** This paper examines mobility and changes in Body Mass Index (BMI) for a sample of Irish children/adolescents across three waves of the longitudinal Growing Up in Ireland dataset.

**Database:** Medline

### **30. Diabetes incidence in a high-risk UK population at 7 years: linkage of the Prevention of Diabetes and Obesity in South Asians (PODOSA) trial to the Scottish Diabetes Register.**

**Author(s):** Bhopal, R; Douglas, A; Sheikh, A; Wild, S H; Gill, J M R; Sattar, N; Lean, M E J; McKnight, J; Tuomilehto, J; Wallia, S; Cezard, G

**Source:** Diabetic medicine : a journal of the British Diabetic Association; Aug 2020 ; p. e14369

**Publication Date:** Aug 2020

**Publication Type(s):** Letter

**PubMedID:** 32738831

Available at [Diabetic medicine : a journal of the British Diabetic Association](#) - from Wiley Online Library Medicine and Nursing Collection 2020

**Database:** Medline

**31. Is There a Link between Different Types of Alcoholic Drinks and Obesity? An Analysis of 280,183 UK Biobank Participants.**

**Author(s):** Inan-Eroglu, Elif; Powell, Lauren; Hamer, Mark; O'Donovan, Gary; Duncan, Mitch J; Stamatakis, Emmanuel

**Source:** International journal of environmental research and public health; Jul 2020; vol. 17 (no. 14)

**Publication Date:** Jul 2020

**Publication Type(s):** Research Support, Non-u.s. Gov't Journal Article

**PubMedID:** 32709071

Available at [International journal of environmental research and public health](#) - from Europe PubMed Central - Open Access

Available at [International journal of environmental research and public health](#) - from ProQuest (Health Research Premium) - NHS Version

Available at [International journal of environmental research and public health](#) - from Unpaywall

**Abstract:**Understanding the associations between types of alcoholic drinks and adiposity has public health relevance, considering that adult overweight and obesity prevalence are increasing worldwide. We aimed to evaluate the association between overall alcohol consumption and types of alcohol drinks with markers of adiposity from the UK Biobank baseline data.

**Database:** Medline

**32. Weighing on us all? Quantification and cultural responses to obesity in NHS Britain.**

**Author(s):** Bivins, Roberta

**Source:** History of science; an annual review of literature, research and teaching; Jul 2020; vol. 58 (no. 2); p. 216-242

**Publication Date:** Jul 2020

**Publication Type(s):** Research Support, Non-u.s. Gov't Historical Article Journal Article

**PubMedID:** 31018707

Available at [History of science; an annual review of literature, research and teaching](#) - from Unpaywall

**Abstract:**How do cultures of self-quantification intersect with the modern state, particularly in relation to medical provision and health promotion? Here I explore the ways in which British practices and representations of body weight and weight management ignored or interacted with the National Health Service between 1948 and 2004.

**Database:** Medline

### 33. The UK Pregnancies Better Eating and Activity Trial (UPBEAT); Pregnancy Outcomes and Health Behaviours by Obesity Class.

**Author(s):** Peacock, Lucy; Seed, Paul T; Dalrymple, Kathryn V; White, Sara L; Poston, Lucilla; Flynn, Angela C

**Source:** International journal of environmental research and public health; Jun 2020; vol. 17 (no. 13)

**Publication Date:** Jun 2020

**Publication Type(s):** Research Support, Non-u.s. Gov't Journal Article

**PubMedID:** 32629997

Available at [International journal of environmental research and public health](#) - from Europe PubMed Central - Open Access

Available at [International journal of environmental research and public health](#) - from ProQuest (Health Research Premium) - NHS Version

Available at [International journal of environmental research and public health](#) - from Unpaywall

**Abstract:**The effectiveness of antenatal intervention in women with increasing obesity is unknown. This study investigated whether there was a differential effect of antenatal intervention on diet, physical activity and pregnancy outcomes in women stratified by obesity class using data from the UK Pregnancies Better Eating and Activity Trial.

**Database:** Medline

## Library Resources

The books listed below are a selection of those that can be found at the library. To search the library catalogue in full, visit [swims.nhs.uk](http://swims.nhs.uk).

[Advanced nutrition and dietetics in obesity \(2018\)](#)  
*Hankey, Catherine; Whelan, Kevin*

[Hankey, Catherine](#) [WD110](#)  
[\(Editor\)](#)

*Book*



[Managing obesity : a practical guide for clinicians \(2019\)](#)  
*Whitehead, Saffron; Bano, Gul*

[Whitehead, Saffron](#) [WD110](#)  
[\(Author\)](#)

*Book*



[Practical guide to obesity medicine \(2018\)](#)  
*Weaver, Jolanta*

[Weaver, Jolanta](#) [WD110](#)  
[\(Editor\)](#)

*Book*





### [Obesity in children may be linked to brain structure](#)

Wednesday 11 December 2019

### [No link found between caesarean section and obesity in boys](#)

Monday 9 December 2019

### [Alternate day fasting may help aid weight loss](#)

Thursday 29 August 2019

### [Fast food restaurants on commuter routes 'contributing' to obesity](#)

Thursday 8 August 2019

### [Hormone cocktail treatment 'could be alternative to weight-loss surgery'](#)

Wednesday 7 August 2019

### [Sleeping with light or TV on linked to weight gain in women](#)

Tuesday 11 June 2019



### [Rise in childhood obesity 'could lead to more MS cases'](#)

28 August, 2020

Increasing levels of childhood obesity could potentially see more cases of multiple sclerosis (MS) as a knock-on effect, warn UK researchers. Childhood and adolescent obesity would contribute up to 14% of the overall risk of MS by 2035, according to observational research led by Queen Mary University of London.

### [Government announces new measures to tackle obesity](#)

27 July, 2020

Nurses have welcomed the publication of the government's new obesity strategy and described the measures as "long overdue". The plan comes in the wake of evidence showing that being overweight puts people at greater risk of severe complications and death from Covid-19.

### ['Clear link' between Covid-19 complications and obesity](#)

27 July, 2020

Being overweight puts people at greater risk of severe complications and death from Covid-19, a new review of UK and international evidence has found. The risks appeared to grow substantially as weight increased above what is considered to be the healthy body mass index (BMI) range of 18.5-25kg/m<sup>2</sup>.

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