

References

1. World Health Organisation. *Oral Health, Key Facts*. Available at: [https://www.who.int/news-room/fact-sheets/detail/oral-health#:~:text=It%20is%20estimated%20that%20oral,universal%20health%20coverage%20\(UHC\)](https://www.who.int/news-room/fact-sheets/detail/oral-health#:~:text=It%20is%20estimated%20that%20oral,universal%20health%20coverage%20(UHC)) [Accessed 2 November 2023]
2. Prado N, Hosni S, Darcey J, Aminian A, Malik O. *Smile makeover treatments*. British Dental Journal. 2022; 233(5):391-396.
3. Sanz M, Del Castillo AM, Jepsen S, Gonzalez-Juanatey JR, D'Aiuto F, Bouchard P, Chapple I, Dietrich T, Gotsman I, Grazian F, Herrera D, Loos B, Madianos P, Jean-Baptiste Michel JB, Pablo Perel P, Pieske B, Shapira L, Shechter M, Tonetti M, Vlachopoulos C, Wimmer G. *Periodontitis and cardiovascular diseases: Consensus report*. Journal of Clinical Periodontology. 2020; 47: 268–288.
4. Ihezor-Ejiofor Z, Middleton P, Esposito M, Glenny AM. Treating periodontal disease for preventing adverse birth outcomes in pregnant women. Cochrane Database of Systematic Reviews 2017, Issue 6. Art. No.: CD005297. Accessed 02 November 2023.
5. Grisi DC, Vieira IV, de Almeida Lima AK, de Oliveira Mattos MC, Damé-Teixeira N, Salles LP, de Oliveira LA, Stefani C, do Carmo Machado Guimarães M. The Complex Interrelationship between Diabetes Mellitus, Oral Diseases and General Health. Current Diabetes Reviews. 2022; 18(3):e220321192408. doi: 10.2174/1573399817666210322153210. PMID: 34225632.
6. Department of Health. *Healthy Ireland Survey 2021*. Available at: <https://www.gov.ie/en/publication/9ef45-the-healthy-ireland-survey-2021/> [Accessed 2 November 2023]
7. World Health Organisation. *WHA 75 Draft Global Strategy on Oral Health*. Available at: <https://www.who.int/news-room/feature-stories/detail/landmark-global-strategy-on-oral-health-adopted-at-world-health-assembly-75> . [Accessed November 2 2023]
8. World Health Organisation. *Draft global oral health action plan (2023-2030)*. Available at: [https://www.who.int/publications/m/item/draft-global-oral-health-action-plan-\(2023-2030\)](https://www.who.int/publications/m/item/draft-global-oral-health-action-plan-(2023-2030)) [Accessed November 2 2023]
9. Federation Dentaire Internationale (FDI). *Vision 2030: delivering optimal oral health for all*. Available at: <https://www.fdiworlddental.org/vision2030> . [Accessed November 2 2023]
10. United Nations, Department of Economic and Social Affairs. *The 17 Goals*. Available at: <https://sdgs.un.org/goals> [Accessed November 2 2023].
11. World Health Organisation. *The Ottawa Charter for Health Promotion*. Geneva 1986. Available at: <https://www.who.int/teams/health-promotion/enhanced-wellbeing/first-global-conference> [Accessed November 2 2023].

12. Government of Ireland. *Health (Fluoridation of Water Supplies) Act*. Government of Ireland, Dublin 1960. Available at: <https://www.irishstatutebook.ie/eli/1960/act/46/enacted/en/print.html#:~:text=AN%20ACT%20TO%20PROVIDE%20FOR,%5B28th%20December%2C%201960.%5D> [Accessed November 4 2023]
13. Government of Ireland. *S.I. No. 42/2007 Fluoridation of Water Supplies Regulations*. Government of Ireland, Dublin 2007. Available at: <https://www.irishstatutebook.ie/eli/2007/si/42/made/en/print#:~:text=The%20amount%20of%20fluoride%20which,mg%2F1%20of%20water> [Accessed November 4 2023]
14. Government of Ireland. *Public Health (Tobacco) (Amendment) Act 2004*. Government of Ireland, Dublin 2004. Available at: <https://www.irishstatutebook.ie/eli/2004/act/6/enacted/en/html> [Accessed December 14 2023]
15. Government of Ireland. *S.I. No. 249/2023 - Public Health (Alcohol) (Labelling) Regulations 2023*. Government of Ireland, Dublin 2023. Available at: <https://www.irishstatutebook.ie/eli/2023/si/249/made/en/print> [Accessed December 14 2023]
16. Revenue, Irish Tax and Customs. *Sugar Sweetened Drinks Tax (SSDT)* Available at: <https://www.revenue.ie/en/companies-and-charities/excise-and-licences/sugar-sweetened-drinks-tax/index.aspx> [Accessed November 2 2023].
17. Crosbie E, Florence D, Nanthaseang M, Godoy L. *Examining the policy process of sugar-sweetened beverage taxation in Ireland*. Health Policy. 2022 Aug; 126(8):738-743.
18. World Health Organisation. *Advancing the global agenda on prevention and control of non-communicable diseases 2000 to 2020, Looking forwards to 2030*. Available at: <https://iris.who.int/bitstream/handle/10665/370425/9789240072695-eng.pdf?sequence=1> [Accessed November 2 2023].
19. Cheminade C. *Making Every Contact in Dentistry Count*. Primary Dental Journal. 2017; 31:28-29.
20. Department of Health. *Smile agus Sláinte, National Oral Health Policy*. Dublin, Ireland 2019. Available at: <https://www.gov.ie/pdf/?file=https://assets.gov.ie/9613/39736ac409d94a6194b52bdae5e3d1b0.pdf#page=null> [Accessed November 2 2023]
21. Rushworth B, Kanatas A. *Oxford Handbook of Clinical Dentistry, 7edn*. Oxford Medical Handbooks 2020.
22. Khan MI, Ahmed N, Neela PK, Unnisa N. *The Human Genetics of Dental Anomalies*. Global Medical Genetics. 2022; 9:76-81.
23. Wall A, Leith R. *A questionnaire study on perception and clinical management of molar incisor hypomineralisation (MIH) by Irish dentists*. European Archives of Paediatric Dentistry. 2020; 21:703-710.
24. Raadal M, Espelid I. *Caries prevalence in primary teeth as a predictor of early fissure caries in the permanent first molars*. Community Dentistry and Oral Epidemiology 1992; 20:30-43.
25. Skeie MS, Raadal M, Strand GV, Espelid I. *The relationship between caries in the primary dentition at 5 years of age and permanent dentition at 10-years of age – a longitudinal study*. International Journal of Paediatric Dentistry 2006; 16:152-160

26. Hall-Scullin E, Whitehead H, Milsom K, Tickle M, Su TL, Walsh T. *Longitudinal Study of Caries Development from Childhood to Adolescence*. Journal of Dental Research 2017; 96:762-767.
27. James P, Harding M, Beecher T, Browne D, Cronin M, Guiney H, O'Mullane D, Whelton H. *Impact of Reducing Water Fluoride on Dental Caries and Fluorosis*. Journal of Dental Research 2021; 100:507-514.
28. Health Service Executive. *Health and Wellbeing, Making Every Contact Count*. Available at: <https://www.hse.ie/eng/about/who/healthwellbeing/making-every-contact-count/> [Accessed November 2 2023].
29. Sheiham, A. *The role of the dental team in promoting dental health & general health through oral health*. International Dental Journal 1992; 42:223-228.
30. Heng C. *Tooth Decay Is the Most Prevalent Disease*. Federal Practitioner. 2016; 33(10):31-33
31. Petersen PE. *The World Oral Health Report 2003: continuous Improvement of oral health in the 21st century – the approach of the WHO Oral Health Programme*. Community Dental and Oral Epidemiology 2003; 31(Suppl. 1):3–24.
32. Bowen WH. *The Stephan Curve revisited*. Odontology 2013, 101(1):2-8.
33. Government of Ireland. *S.I. No. 533/2018 European Union (Mercury) Regulations*. Government of Ireland, Dublin 2018. Available at: <https://www.irishstatutebook.ie/eli/2018/si/533/made/en/print> [Accessed December 18 2023].
34. Dental Council of Ireland. *Code of Practice Regarding Dental Amalgam*. Dental Council of Ireland, Dublin 2018.
35. Fisher J, Varenne B, Narvaez D, Vickers C. *The Minamata Convention and the phase down of dental amalgam*. Bulletin World Health Organisation 2018; 96:436-438.
36. Department of Health. *Ireland's National Plan for Phase-down to Phase-out of Amalgam towards 2030*. Department of Health, Dublin, Ireland 2019. Available at: <https://assets.gov.ie/19422/18299e4340394a51801dae1fb29d4ade.pdf> [Accessed November 2 2023].
37. Long J, Lee C, Schwendicke F, Farragher A, Keane M. *Management of non-cavitated and cavitated caries in primary, permanent, and mixed dentition. An evidence review*. Dublin, Ireland, Health Research Board 2022. <https://www.hrb.ie/>.
38. Environmental Protection Agency. *Research 417: Assessment of the environmental and health impacts arising from mercury-free dental restorative materials*. Dublin, Ireland. Available at: https://www.epa.ie/publications/research/epa-research-2030-reports/Research_Report_417.pdf [Accessed November 2 2023].
39. Frencken J. *Atraumatic restorative treatment and minimal intervention dentistry*. British Dental Journal 2017; 223:183–189.
40. BaniHani A, Santamaría RM, Hu S, Maden M, Albadri S. *Minimal intervention dentistry for managing carious lesions into dentine in primary teeth: an umbrella review*. European Archives of Paediatric Dentistry 2022; 23:667-693.

41. World Health Organisation. *Global action plan for the prevention and control of NCDs 2013–2020*. Available at: <https://www.who.int/publications/i/item/9789241506236> [Accessed December 18 2023].
42. World Health Organisation. *Guideline, Sugars intake for adults and children*. Available at: <https://www.who.int/publications/i/item/9789241549028> [Accessed November 3 2023].
43. Moynihan PJ, Kelly SA. *Effect on caries of restricting sugars intake: systematic review to inform WHO guidelines*. Journal of Dental Research 2014; 93:8-18.
44. Moores CJ, Kelly SAM, Moynihan PJ. *Systematic Review of the Effect on Caries of Sugars Intake: Ten-Year Update*. Journal of Dental Research 2022; 101:1034-1045.
45. Sheiham A and James WP. *A new understanding of the relationship between sugars, dental caries and fluoride use: implications for limits on sugars consumption*. Public Health Nutrition 2014; 17:2176-84.
46. Ten Cate JM, Buzalaf MAR. *Fluoride Mode of Action: Once There Was an Observant Dentist . .* Journal of Dental Research 2019; 98:725-730.
47. Marinho VCC, Worthington HV, Walsh T, Clarkson JE. Fluoride varnishes for preventing dental caries in children and adolescents. Cochrane Database of Systematic Reviews 2013, Issue 7. Art. No.: CD002279. DOI: 10.1002/14651858.CD002279.pub2.
48. Government of Ireland. *S.I. No. 282/2016 European Union (Natural Mineral Waters, Spring Waters and Other Waters in Bottles or Containers) Regulations*. Dublin, Ireland. Available at: <https://www.irishstatutebook.ie/eli/2016/si/282/made/en/print> [Accessed November 5 2023].
49. Lambe K, Farragher A, Moloney T, Sunday S, Long J. *Impact of community water fluoridation on systemic health excluding oral health: An evidence review*. Dublin, Ireland: Health Research Board; 2022. Available from: <https://www.hrb.ie/publications> .
50. Dean HT. *Classification of mottled enamel diagnosis*. Journal of the American Dental Association 1934; 21:1421-1426
51. The Irish Expert Body on Fluorides and Health. *Code of Practice on the Fluoridation of Drinking Water 2016*. Available at: https://www.fluoridesandhealth.ie/assets/files/pdf/cop_fluoridation_of_drinking_water_2016.pdf [Accessed December 18 2023].
52. Nayyar J, O’Neill D, Harding M, Kinirons M. *Pit and fissure sealants – an update*. Journal of the Irish Dental Association 2021; 67: 93-97.
53. Irish Dental Association website. Available at: <https://www.dentist.ie/latest-news/new-dental-health-survey-shows-80-of-irish-adults-believe-their-gums-are-healthy-however-80-of-irish-people-have-some-form-of-gum-disease.6504.html> [Accessed Jan 05 2024].
54. Whelton H, O’Mullane D, Woods N, McGrath C, Kelleher V, Guniey H, Byrtek M. *Oral health of Irish adults 2000-2002*. Department of Health and Children 2007. Dublin, Ireland.
55. Caton JG, Armitage G, Berglundh T, Chapple ILC, Jepsen S, Kornman KS, Mealey BL, Papapanou PN, Sanz M, Tonetti MS. A new classification scheme for periodontal and peri-implant diseases and conditions - Introduction and key changes from the 1999 classification. Journal of Periodontology 2018; 89:S1-S8.

56. Chapple ILC, Mealey BL, Van Dyke TE, Bartold PM, Dommisch H, Eickholz P, Geisinger ML, Genco RJ, Glogauer M, Goldstein M, Griffin TJ, Holmstrup P, Johnson GK, Kapila Y, Lang NP, Meyle J, Murakami S, Plemons J, Romito GA, Shapira L, Tatakis DN, Teughels W, Trombelli L, Walter C, Wimmer G, Xenoudi P, Yoshie H. *Periodontal health and gingival diseases and conditions on an intact and a reduced periodontium: Consensus report of workgroup 1 of the 2017 World Workshop on the Classification of Periodontal and Peri-Implant Diseases and Conditions*. Journal of Periodontology 2018; 89:S74-S84.
57. Sanz M, Marco Del Castillo A, Jepsen S, Gonzalez-Juanatey JR, D'Aiuto F, Bouchard P, Chapple I, Dietrich T, Gotsman I, Graziani F, Herrera D, Loos B, Madianos P, Michel JB, Perel P, Pieske B, Shapira L, Shechter M, Tonetti M, Vlachopoulos C, Wimmer G. *Periodontitis and cardiovascular diseases: Consensus report*. Journal of Clinical Periodontology 2020; 47:268-288.
58. James P, Worthington HV, Parnell C, Harding M, Lamont T, Cheung A, Whelton H, Riley P. *Chlorhexidine mouthrinse as an adjunctive treatment for gingival health*. Cochrane Database of Systematic Reviews 2017; 3:CD008676. doi: 10.1002/14651858.CD008676.pub2. PMID: 28362061; PMCID: PMC6464488.
59. Marsh PD, *Dental plaque as a biofilm and a microbial community – implications for health and disease*. BMC Oral Health 2006; S14.
60. Yaacob M, Worthington HV, Deacon SA, Deery C, Walmsley AD, Robinson PG, Glenny AM. *Powered versus manual toothbrushing for oral health*. Cochrane Database of Systematic Reviews 2014; 6: CD002281. DOI: 10.1002/14651858.CD002281.pub3.
61. Bani-Hani TG, Olegário IC, O'Connell AC. *The cost of dental trauma management: A one-year prospective study in children*. Dental Traumatology 2020; 36:526-532.
62. Schlueter N, Amaechi BT, Bartlett D, Buzalaf MAR, Carvalho TS, Ganss C, Hara AT, Huysmans MDNJM, Lussi A, Moazzez R, Vieira AR, West NX, Wiegand A, Young A, Lippert F. *Terminology of Erosive Tooth Wear: Consensus Report of a Workshop Organized by the ORCA and the Cariology Research Group of the IADR*. Caries Research 2020; 54:2-6.
63. Vlăduțu D, Popescu SM, Mercuț R, Ionescu M, Scriciu M, Glodeanu AD, Stănuși A, Rîcă AM, Mercuț V. Associations between Bruxism, Stress, and Manifestations of Temporomandibular Disorder in Young Students. International Journal of Environmental Research and Public Health 2022; 19:5415.
64. Harding MA, Whelton HP, Shirodaria SC, O'Mullane DM, Cronin MS. *Is tooth wear in the primary dentition predictive of tooth wear in the permanent dentition? Report from a longitudinal study*. Community Dent Health 2010; 27:41-5.
65. Van't Spijker A, Rodriguez JM, Kreulen CM, Bronkhorst EM, Bartlett DW, Creugers NH. *Prevalence of tooth wear in adults*. International Journal of Prosthodontics 2009; 22:35-42.
66. Covello F, Salerno C, Giovannini V, Corridore D, Ottolenghi L, Voza I. *Piercing and Oral Health: A Study on the Knowledge of Risks and Complications*. International Journal of Environmental Research and Public Health 2020; 17:613.
67. Warnakulasuriya S and Kerr AR. *Oral Cancer Screening: Past, Present, and Future*. Journal of Dental Research 2021; 100:1313-1320.
68. Ali H, Sinnott SJ, Corcoran P, Deady S, Sharp L, Kabir Z. *Oral cancer incidence and survival rates in the Republic of Ireland, 1994-2009*. BMC Cancer 2016; 16:950.

69. O'Sullivan A, Kabir Z, Harding M. *Lip, Oral Cavity and Pharyngeal Cancer Burden in the European Union from 1990–2019 Using the 2019 Global Burden of Disease Study*. International Journal of Environmental Research and Public Health.
70. Hussein AA, Helder MN, de Visscher JG, Leemans CR, Braakhuis BJ, de Vet HCW, Forouzanfar T. *Global incidence of oral and oropharynx cancer in patients younger than 45 years versus older patients: A systematic review*. European Journal of Cancer 2017; 82:115-127.
71. Ford PJ and Rich AM. *Tobacco Use and Oral Health*. Addiction 2021; 116:3531-3540.
72. Hübbers CU, Akgül B. *HPV and cancer of the oral cavity*. Virulence 2015; 6:244-248.
73. Conway DI, Petticrew M, Marlborough H, Berthiller J, Hashibe M, Macpherson LM. *Socioeconomic inequalities and oral cancer risk: a systematic review and meta-analysis of case-control studies*. International Journal of Cancer 2008; 122: 2811–2819.
74. Lan Z, Liu W-J, Cui H, Zou K-L, Chen H, Zhao Y-Y and Yu G-T. *The role of oral microbiota in cancer*. Frontiers in Microbiology 2023; 14:1253025.
75. Beth-Tasdogan NH, Mayer B, Hussein H, Zolk O, Peter JU. *Interventions for managing medication-related osteonecrosis of the jaw*. Cochrane Database of Systematic Reviews 2022; 7:CD012432.
76. Ruggiero SL, Dodson TB, Aghaloo T, Carlson ER, Ward BB, Kademani D. *American Association of Oral and Maxillofacial Surgeons' Position Paper on Medication-Related Osteonecrosis of the Jaws-2022 Update*. Journal of Oral Maxillofacial Surgery. 2022; 80:920-943.
77. Kitamoto S, Nagao-Kitamoto H, Hein R, Schmidt TM, Kamada N. *The Bacterial Connection between the Oral Cavity and the Gut Diseases*. Journal of Dental Research 2020; 99:1021-1029.
78. Whelton H. *Introduction: the anatomy and physiology of salivary glands*. Saliva and Oral Health 2013. Pgs1-16. Editors, Edgar M, Dawes C, O'Mullane D 4th Ed.
79. Chen CC, Hsiao KY, Bai CH, Wang YH. *Investigation of the diagnostic performance of the SARS-CoV-2 saliva antigen test: A meta-analysis*. Journal of Microbiology Immunology and Infection 2022; 55:1084–1093
80. Barranca-Enríquez A and Romo-González T. *Your health is in your mouth: A comprehensive view to promote general wellness*. Frontiers of Oral Health 2022; 3:971223.
81. Kitamoto S, Nagao-Kitamoto H, Hein R, Schmidt TM, Kamada N. *The Bacterial Connection between the Oral Cavity and the Gut Diseases*. Journal of Dental Research 2020; 99:1021-1029.
82. Federation Dentaire Internationale (FDI). *Delivering Optimal Oral Health for All*. Available at: https://www.fdiworldddental.org/sites/default/files/2021-02/Vision-2030-Delivering%20Optimal-Oral-Health-for-All_0.pdf p.13-14 [Accessed January 08 2024].
83. Watt RG. *Oral disease prevention and health promotion*. Bulletin of the World Health Organisation 2005; 83:711-718.
84. Department of Health. *Healthy Ireland Survey 2022 Summary Report .pgs.21-26*. Available at: <https://www.gov.ie/pdf/?file=https://assets.gov.ie/241111/e31b2aaa-a8d7-411d-8b62-02cca079c741.pdf#page=null> [Accessed January 08 2024].

85. Moore Heslin A, O'Donnell A, Kehoe L, Walton J, Flynn A, Kearney J, McNulty B. *Adolescent overweight and obesity in Ireland—Trends and sociodemographic associations between 1990 and 2020*. *Pediatric Obesity* 2023; 18:e12988.
86. O'Donnell A, Buffini M, Kehoe L, Nugent A, Kearney J, Walton J, Flynn A, McNulty B. *The prevalence of overweight and obesity in Irish children between 1990 and 2019*. *Public Health Nutrition* 2020; 23:2512-2520.
87. Department of Health. *Healthy Ireland Survey 2021 Summary Report .pg.14*. Available at: <https://assets.gov.ie/206555/260f3b84-bf78-41a2-91d7-f14c7c03d99f.pdf> [Accessed April 18 2024]
88. Safefood website. Available at: https://www.safefood.net/professional/nutrition/nutrition-resources/healthy-eating-guidelines?gclid=EAlaIqobChMI79itsNz7-wIVEIBQBh0N4w-yEAAAYASAAEgKDQ_D_BwE [Accessed January 08 2024].
89. Irish Heart Foundation website. Available at: <https://irishheart.ie/how-to-keep-your-heart-healthy/> . [Accessed January 08 2024].
90. Key TJ, Bradbury KE, Perez-Cornago A, Sinha R, Tsilidis KK, Tsugane S. *Diet, nutrition, and cancer risk: what do we know and what is the way forward?* *British Medical Journal* 2020; 368:m511.
91. Kumar M, Nanavati R, Modi TG, Dobariya C. *Oral cancer: Etiology and risk factors: A review*. *Journal of Cancer Research and Therapeutics* 2016; 2:458-63.
92. Blake M and Deely H. *Tobacco Free Ireland Programme Implementation Plan 2022-2025 .p.8* Available at: <https://www.hse.ie/eng/about/who/tobaccocontrol/news/tobacco-free-ireland-programme-plan-2022-2025.pdf> [Accessed January 08 2024].
93. Health Service Executive (HSE) Tobacco Free Ireland Programme. *The State of Tobacco Control in Ireland, Second Report 2022* Available at: <https://www.hse.ie/eng/about/who/tobaccocontrol/research/state-of-tobacco-control-report-2022.pdf> [Accessed January 08 2024].
94. Sheridan A, Euintyne K, Kavanagh P. *Counting the Toll of Smoking- Attributable Hospitalisations*. *Irish Medical Journal* 2020; 113:8. PMID: 32298566.
95. Department of Health. *Healthy Ireland Survey 2022 Summary Report .pgs.12-14*. Available at: <https://www.gov.ie/pdf/?file=https://assets.gov.ie/241111/e31b2aaa-a8d7-411d-8b62-02cca079c741.pdf#page=null> [Accessed January 08 2024].
96. Almeida-da-Silva CLC, Matshik Dakafay H, O'Brien K, Montierth D, Xiao N, Ojcius DM. *Effects of electronic cigarette aerosol exposure on oral and systemic health*. *Biomed Journal* 2021; 44:252-259.
97. The Irish Health Behaviour in School-aged Children (HBSC) Study, Health Behaviour in School-aged Children: a World Health Organization (WHO) collaborative cross-national study 2018. ISBN: 978-1-908358-69-1 DOI: 10.13025/zvwm-rp65.
98. O'Brien D, Long J, Lee C, McCarthy A, Quigley J. *Electronic cigarette use and tobacco cigarette smoking initiation in adolescents: An evidence review*. Health Research Board, 2020, Dublin, Ireland.
99. Quigley J, Kennelly H, Lee C, O'Brien D, Williams M, McCarthy A, Long J. *Electronic cigarettes and smoking cessation: An evidence review*. Health Research Board, 2020, Dublin, Ireland.

100. McCarthy A, Lee C, O'Brien D, Long J. *Harms and benefits of e-cigarettes and heat-not-burn tobacco products: A literature map*. Health Research Board, 2020, Dublin, Ireland.
101. Holliday R, Chaffee BW, Jakubovics NS, Kist R, Preshaw PM. *Electronic Cigarettes and Oral Health*. Journal of Dental Research 2021; 100:906-913.
102. Çetinkaya H and Romaniuk P. *Relationship between consumption of soft and alcoholic drinks and oral health problems*. Cent Eur J Public Health. 2020 Jun;28(2):94-102. doi: 10.21101/cejph.a5745. PMID: 32592551.
103. Health Service Executive. *Alcohol*. Available at: <https://www2.hse.ie/living-well/alcohol/> [Accessed January 09 2024].
104. Health Service Executive. *Drinks Calculator*. Available at: <https://www2.hse.ie/wellbeing/alcohol/drinks-calculator/> [Accessed January 09 2024].
105. Zhao T, Wu X, Zhang Q, Li C, Worthington HV, Hua F. *Oral hygiene care for critically ill patients to prevent ventilator-associated pneumonia*. Cochrane Database of Systematic Reviews 2020; 12:CD008367.
106. Kapila YL. *Oral health's inextricable connection to systemic health: Special populations bring to bear multimodal relationships and factors connecting periodontal disease to systemic diseases and conditions*. Periodontology 2000 2021;87:11-16.
107. Dahlgren G and Whitehead, M. *Policies and strategies to promote social equity in health*. Stockholm. Institute of Future Studies 1991. Available at: <https://core.ac.uk/download/pdf/6472456.pdf> [Accessed January 09 2024]
108. Safefood. *The food pyramid*. Available at: <https://www.safefood.net/healthy-eating/guidelines/food-pyramid> . [Accessed November 29 2023].
109. Safefood. *The Children's food pyramid*. Available at: <https://www.safefood.net/healthy-eating/guidelines/children> . [Accessed November 29 2023].
110. Health Service Executive. Get Ireland Active. Available at: <https://www.hse.ie/eng/about/who/healthwellbeing/our-priority-programmes/heal/heal-docs/get-ireland-active-national-physical-activity-plan-for-ireland.pdf> [Accessed January 09 2024]
111. Health Service Executive. Drinks for children age 1 to 4 years. Available at: <https://www2.hse.ie/babies-children/weaning-eating/nutrition-child/drinks/> [Accessed May 27 2024]
112. Health Service Executive. Food choking risks for babies and children Available at: <https://www2.hse.ie/babies-children/child-safety/choking-strangulation-suffocation/food-choking-risks/> [Accessed May 27 2024]
113. Alazmah A. *Early Childhood Caries: A Review*. Journal of Contemporary Dental Practice. 2017; 18:732-737.
114. World Health Organisation (2020). *Ending childhood dental caries: WHO implementation manual 2020*. Available at: <https://www.who.int/publications/i/item/9789240000056> [Accessed: November 29 2023]

115. Safefood. *Schoolchildren and Adolescents*. Available at: <https://www.safefood.net/family-health/children>. [Accesses November 29 2023].
116. Irish Heart Foundation. *Healthy Eating*. Available at: <https://irishheart.ie/how-to-keep-your-heart-healthy/healthy-eating/> [Accessed November 30 2023].
117. The Irish Nutrition and Dietetic Institute (INDI). *Healthy Ageing*. Available at: <https://www.indi.ie/all-food-facts-and-fact-sheets.html> [Accessed November 30 2023].
118. Government of Ireland. *S.I. No. 556/2014 - European Union (Provision of Food Information to Consumers) Regulations*. Government of Ireland, Dublin 2007. Available at: <https://www.irishstatutebook.ie/eli/2014/si/556#:~:text=No.,Information%20to%20Consumers%20Regulations%202014>. [Accessed April 20 2024].
119. Food Safety Authority of Ireland. *Food Labelling*. Available at: <https://www.fsai.ie/consumer-advice/food-labelling> [Accessed December 01 2023].
120. Safefood. *How to read food labels*. Available at: <https://www.safefood.net/start/healthy-eating/read-food-labels?> [Accessed December 01 2023].
121. Harrington JM, Griffin C, and Vandevijvere S, for the Food-EPI project team. *The Healthy Food Environment Policy Index (Food-EPI): Evidence Document for Ireland*. Cork, School of Public Health, University College Cork 2020
122. Department of Health and Social Care, England, Office of Health Improvement. *Delivering Better Oral Health (Version 4, Chapter 4)*. Available at: <https://www.gov.uk/government/publications/delivering-better-oral-health-an-evidence-based-toolkit-for-prevention/chapter-4-dental-caries> [Accessed December 01 2023].
123. European Union Law. *Council Directive 76/768/EEC of 27 July 1976 on the approximation of the laws of the Member States relating to cosmetic products* (Cosmetics Directive).
124. Regulation (EC) No 1223/2009 of the European Parliament and of the Council.
125. van Loveren and Duckworth R. *Anti-calculus and whitening toothpastes*. Toothpastes 2013. Pgs 61-74. Editor van Loveren. Monographs in Oral Sciences. Karger. Switzerland
126. Enax J, Amaechi BT, Schulze Zur Wiesche E, Meyer F. *Overview on Adjunct Ingredients Used in Hydroxyapatite-Based Oral Care Products*. Biomimetics (Basel) 2022; 7:250.
127. Health Products Regulatory Authority Ireland: *Duraphat 5000 Toothpaste*.
128. Walsh T, Worthington HV, Glenny AM, Appelbe P, Marinho VCC, Shi X. *Fluoride toothpastes of different concentrations for preventing dental caries in children and adolescents*. Cochrane Database of Systematic Reviews 2010, Issue 1. Art. No.: CD007868.
129. World Health Organization. *Model List of Essential Medicines- 22nd list*. Geneva, Switzerland: World Health Organization. 2021 (WHO/MHP/HPS/EML/2021.02).
130. Gkekas A, Varenne B, Stauf N, Benzian H, Listl S. *Affordability of essential medicines: The case of fluoride toothpaste in 78 countries*. PLoS One 2022; 17(10):e0275111.
131. Martins CC, Firmino RT, Riva JJ, Ge L, Carrasco-Labra A, Brignardello-Petersen R, Colunga-Lozano LE, Granville-Garcia AF, Costa FO, Yepes-Nuñez JJ, Zhang Y, Schünemann HJ. *Desensitizing Toothpastes for Dentin Hypersensitivity: A Network Meta-analysis*. Journal of Dental Research 2020; 99:514-522.

132. Tao D, Smith RN, Zhang Q, Sun JN, Philpotts CJ, Ricketts SR, Naeeni M, Joiner A. *Tooth whitening evaluation of blue covarine containing toothpastes*. Journal of Dentistry 2017; 67S:S20-S24.
133. Dental Council of Ireland, Tooth Whitening. Available at: <https://www.dentalcouncil.ie/code-of-practice/tooth-whitening> [Accessed January 10 2024].
134. Janakiram C, Venkitachalam R, Fontelo P, Iafolla TJ, Dye BA. *Effectiveness of herbal oral care products in reducing dental plaque & gingivitis - a systematic review and meta-analysis*. BMC Complementary Medicine and Therapies 2020; 20:43.
135. Couteau C, Domejean S, Lecoq M, Ali A, Bernet M, Abbe-Denizot A, Coiffard LJM. *A study of 84 homemade toothpaste recipes and the problems arising from the type of product*. British Dental Journal 2021; Apr 8. doi: 10.1038/s41415-021-2736-2. Epub ahead of print.
136. Halton, C., Duane, B., Batey, A. Wong J, Corley A, Hart F, Koh J, Johnston B. *How much do consumers consider sustainability when purchasing a toothbrush? A discrete choice experiment*. British Dental Journal 2022; 233:327-332.
137. Holland TJ, Whelton H, O'Mullane D, Creedon P. *Evaluation of a fortnightly school-based sodium fluoride mouthrinse 4 years following its cessation*. Caries Research 1995; 29:431-434.
138. Ustrell-Borràs M, Traboulsi-Garet B, Gay-Escoda C. *Alcohol-based mouthwash as a risk factor of oral cancer: A systematic review*. Medicina Oral, Patologia Oral, Cirugia Bucal 2020; 25:e1-e12. doi: 10.4317/medoral.23085.
139. Marchetti E, Tecco S, Caterini E, Casalena F, Quinzi V, Mattei A, Marzo G. *Alcohol-free essential oils containing mouthrinse efficacy on three-day supragingival plaque regrowth: a randomized crossover clinical trial*. Trials 2017; 18:154. doi: 10.1186/s13063-017-1901-z.
140. Lynch MC, Cortelli SC, McGuire JA, Zhang J, Ricci-Nittel D, Mordas CJ, Aquino DR, Cortelli JR. *The effects of essential oil mouthrinses with or without alcohol on plaque and gingivitis: a randomized controlled clinical study*. BMC Oral Health 2018; 18(1):6. doi: 10.1186/s12903-017-0454-6.
141. Llana C, Forner L, Baca P. *Anticariogenicity of casein phosphopeptide-amorphous calcium phosphate: a review of the literature*. Journal of Contemporary Dental Practice 2009; 10:1-9.
142. Sawan N, Ben Gasseem A, Alkhayyal F, Albakri A, Al-Muhareb N, Alsagob E. *Effectiveness of Super Floss and Water Flosser in Plaque Removal for Patients Undergoing Orthodontic Treatment: A Randomized Controlled Trial*. International Journal of Dentistry 2022; 1344258. doi: 10.1155/2022/1344258.
143. Nasseripour M, Newton JT, Warburton F, Awojobi O, Di Giorgio S, Gallagher JE, Banerjee A. *A Systematic Review and Meta-Analysis of the Role of Sugar-Free Chewing Gum on Plaque Quantity in the Oral Cavity*. Frontiers in Oral Health 2022; 3:845921. doi: 10.3389/froh.2022.845921. eCollection 2022.
144. Mulimani P. *Green dentistry: the art and science of sustainable practice*. British Dental Journal 2017; 222:954-961.
145. Duane B, Stancliffe R, Miller FA, Sherman J, Pasdeki-Clewer E. *Sustainability in Dentistry: A Multifaceted Approach Needed*. Journal of Dental Research 2020; 99:998-1003.
146. Duane B and Valbuena C. *Sustainable Dentistry Making a Difference*. Book: (2023). ISBN: 10.1007/978-3-031-07999-3.

147. Federation Dentaire Internationale (FDI), *Sustainability in Dentistry*: Available at: <https://www.fdiworlddental.org/sustainability-dentistry> . [Accessed January 11 2024].
148. Inland Revenue. Cycle to Work Scheme. Available at: <https://www.revenue.ie/en/jobs-and-pensions/taxation-of-employer-benefits/cycle-to-work-scheme.aspx> [Accessed July 12 2024].
149. ASTM International E3014 – 15. *Standard Practice for Managing Sustainability in Dentistry*. 2015. Available at <https://www.astm.org/e3014-21.html> [Accessed January 11 2024].
150. Chadwick RG, Lloyd CH. *Dental amalgam: the history and legacy you perhaps never knew?* British Dental Journal 2022; 232:633-637.
151. Worthington HV, Khangura S, Seal K, Mierzwinski-Urban M, Veitz-Keenan A, Sahrman P, Schmidlin PR, Davis D, Iheozor-Ejiofor Z, Rasines Alcaraz MG. *Direct composite resin fillings versus amalgam fillings for permanent posterior teeth*. Cochrane Database of Systematic Reviews 2021 Aug 13;8(8):CD005620. doi: 10.1002/14651858.CD005620.pub3.
152. Whelton H, Crowley E, O'Mullane DM, Harding MA, Guiney H, Cronin M, Flannery E, Kelleher V (2006). North South Survey of Children's Oral Health in Ireland 2002. Dublin. [Online]. Available at: <https://www.ucc.ie/en/media/research/ohsrc/2002NorthSouthSurveyofChildrensOralHealthinireland.pdf> [Accessed January 11 2024].
153. Cronin J, Moore S, Harding M, Whelton H, Woods N. *A cost-effectiveness analysis of community water fluoridation for schoolchildren*. BMC Oral Health 2021; 21:158. doi: 10.1186/s12903-021-01490-7.
154. Duane B, Lyne A, Parle R, Ashley P. *The environmental impact of community caries prevention - part 3: water fluoridation*. British Dental Journal 2022; 233:303-307.

Figure References

Figure 1: iStock

Figure 2: www.medicalgraphics.de

Figures 3, 4, 6, 7, 8, 9, 15, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 35, 36, 37, 39, 45, 46, 47: Shutterstock

Figure 5: Aga Grandowicz www.agrand.ie

Figure 10: The Stephan Curve revisited, Bowen WH.

Figure 11, 42 : Dental Health Foundation

Figure 12: The Stephan Curve revisited, Bowen WH.

Figure 13: Pea-sized toothpaste

Figure 14: Dr Rose Kingston, Clinical Tutor, Cork University Dental School and Hospital.

Figure 16: Prof Anthony Roberts, Cork University Dental School and Hospital.

Figure 31, 32, 33: Professor Paul Brady, Cork University Dental School and Hospital.

Figure 34: Aga Grandowicz www.agrand.ie

Figure 38: Policies and strategies to promote social equity in health. Dahlgren G and Whitehead M

Figure 40, 41, 43 : Safefood

Figure 44: www.drbarmans.com

Figure 48: www.sdgs.un.org