**References**

1. Pourshams A, Sepanlou SG, Ikuta KS, et al. The global, regional, and national burden of pancreatic cancer and its attributable risk factors in 195 countries and territories, 1990–2017: a systematic analysis for the Global Burden of Disease Study 2017. *Lancet Gastroenterol Hepatol*. 2019;4(12):934-947. doi:10.1016/s2468-1253(19)30347-4

2. Maisonneuve P, Lowenfels AB. Risk factors for pancreatic cancer: a summary review of meta-analytical studies. *Int J Epidemiol*. 2014;44(1):186-198. doi:10.1093/ije/dyu240

3. Tsai H-J, Chang JS. Environmental Risk Factors of Pancreatic Cancer. *J Clin Med*. 2019;8(9): doi:10.3390/jcm8091427

4. Koyanagi YN, Ito H, Matsuo K, et al. Smoking and Pancreatic Cancer Incidence: A Pooled Analysis of 10 Population-Based Cohort Studies in Japan. *Cancer Epidemiol Biomarkers Prev*. 2019;28(8):1370-1378. doi:10.1158/1055-9965.epi-18-1327

5. Yuan C, Morales-Oyarvide V, Babic A, et al. Cigarette Smoking and Pancreatic Cancer Survival. *J Clin Oncol*. 2017;35(16):1822-1828. doi:10.1200/jco.2016.71.2026

6. Antwi SO, Oberg AL, Shivappa N, et al. Pancreatic cancer: associations of inflammatory potential of diet, cigarette smoking and long-standing diabetes. *Carcinogenesis*. 2016;37(5):481-490. doi:10.1093/carcin/bgw022

7. Bosetti C, Lucenteforte E, Silverman DT, et al. Cigarette smoking and pancreatic cancer: an analysis from the International Pancreatic Cancer Case-Control Consortium (Panc4). *Ann Oncol*. 2012;23(7):1880-1888. doi:10.1093/annonc/mdr541

8. Tranah GJ, Holly EA, Wang F, Bracci PM. Cigarette, cigar and pipe smoking, passive smoke exposure, and risk of pancreatic cancer: a population-based study in the San Francisco Bay Area. *BMC Cancer*. 2011;11(1). doi:10.1186/1471-2407-11-138

9. Bertuccio P, La Vecchia C, Silverman DT, et al. Cigar and pipe smoking, smokeless tobacco use and pancreatic cancer: an analysis from the International Pancreatic Cancer Case-Control Consortium (PanC4). *Ann Oncol*. 2011;22(6):1420-1426. doi:10.1093/annonc/mdq613

10. Heinen MM, Verhage BAJ, Goldbohm RA, van den Brandt PA. Active and Passive Smoking and the Risk of Pancreatic Cancer in the Netherlands Cohort Study. *Cancer Epidemiol Biomarkers Prev*. 2010;19(6):1612-1622. doi:10.1158/1055-9965.epi-10-0121

11. Vrieling A, Bueno-de-Mesquita HB, Boshuizen HC, et al. Cigarette smoking, environmental tobacco smoke exposure and pancreatic cancer risk in the European Prospective Investigation into Cancer and Nutrition. *Int J Cancer*. 2009;126(10):NA-NA. doi:10.1002/ijc.24907

12. Lynch SM, Vrieling A, Lubin JH, et al. Cigarette Smoking and Pancreatic Cancer: A Pooled Analysis From the Pancreatic Cancer Cohort Consortium. *Am J Epidemiol*. 2009;170(4):403-413. doi:10.1093/aje/kwp134

13. Harnack LJ, Anderson KE, Zheng W, Folsom AR, Sellers TA, Kushi LH. Smoking, alcohol, coffee, and tea intake and incidence of cancer of the exocrine pancreas: the Iowa Women’s Health Study. *Cancer Epidemiol Biomarkers Prev*. 1997;6(12):1081-1086. Accessed March 27, 2021. <https://pubmed.ncbi.nlm.nih.gov/9419407/>

14. Muscat JE, Stellman SD, Hoffmann D, Wynder EL. Smoking and pancreatic cancer in men and women. *Cancer Epidemiol Biomarkers Prev*. 1997;6(1):15-19. Accessed March 27, 2021. <https://pubmed.ncbi.nlm.nih.gov/8993792/>

15. Weiss W, Benarde MA. The temporal relation between cigarette smoking and pancreatic cancer. *Am J Public Health*. 1983;73(12):1403-1404. doi:10.2105/ajph.73.12.1403

16. Heuch I, Kvåle G, Jacobsen BK, Bjelke E. Use of alcohol, tobacco and coffee, and risk of pancreatic cancer. *Br J Cancer*. 1983;48(5):637-643. doi:10.1038/bjc.1983.245

17. Rahman F, Cotterchio M, Cleary SP, Gallinger S. Association between Alcohol Consumption and Pancreatic Cancer Risk: A Case-Control Study. Abulseoud OA, ed. *PLoS One*. 2015;10(4): doi:10.1371/journal.pone.0124489

18. Gupta S, Wang F, Holly EA, Bracci PM. Risk of pancreatic cancer by alcohol dose, duration, and pattern of consumption, including binge drinking: a population-based study. *Cancer Causes Control*. 2010;21(7):1047-1059. doi:10.1007/s10552-010-9533-6

19. Naudin S, Li K, Jaouen T, et al. Lifetime and baseline alcohol intakes and risk of pancreatic cancer in the European Prospective Investigation into Cancer and Nutrition study. *Int J Cancer*. 2018;143(4):801-812. doi:10.1002/ijc.31367

20. Wang Y-T, Gou Y-W, Jin W-W, Xiao M, Fang H-Y. Association between alcohol intake and the risk of pancreatic cancer: a dose–response meta-analysis of cohort studies. *BMC Cancer*. 2016;16(1). doi:10.1186/s12885-016-2241-1

21. Pang Y, Holmes MV, Guo Y, et al. Smoking, alcohol, and diet in relation to risk of pancreatic cancer in China: a prospective study of 0.5 million people. *Cancer Medicine*. 2017;7(1):229-239. doi:10.1002/cam4.1261

22. Rohrmann S, Linseisen J, Vrieling A, et al. Ethanol intake and the risk of pancreatic cancer in the European Prospective Investigation into Cancer and Nutrition (EPIC). *Cancer Causes Control*. 2009;20(5):785-794. doi:10.1007/s10552-008-9293-8

23. Norell SE, Ahlbom A, Erwald R, et al. Diet and pancreatic cancer: a case-control study. *Am J Epidemiol*. 1986;124(6):894-902. doi:<https://pubmed.ncbi.nlm.nih.gov/3776972/>

24. Zheng J, Guinter MA, Merchant AT, et al. Dietary patterns and risk of pancreatic cancer: a systematic review. *Nutr Rev*. 2017;75(11):883-908. doi:10.1093/nutrit/nux038

25. Michaud DS, Skinner HG, Wu K, et al. Dietary Patterns and Pancreatic Cancer Risk in Men and Women. *J Nat Cancer Inst*. 2005;97(7):518-524. doi:10.1093/jnci/dji094

26. Jiao L, Chen L, White DL, et al. Low-fat Dietary Pattern and Pancreatic Cancer Risk in the Women’s Health Initiative Dietary Modification Randomized Controlled Trial. *J Nat Cancer Inst*. 2017;110(1):49-56. doi:10.1093/jnci/djx117

27. Zhang Z, Li Q, Hao F, Wu Y, Liu S, Zhong G. Adherence to the 2018 World Cancer Research Fund/American Institute for Cancer Research cancer prevention recommendations and pancreatic cancer incidence and mortality: A prospective cohort study. *Cancer Med*. 2020;9(18):6843-6853. doi:10.1002/cam4.3348

28. Jiang W, Wang M, Jiang H-Z, Chen G-C, Hua Y-F. Meta-analysis of fish consumption and risk of pancreatic cancer in 13 prospective studies with 1.8 million participants. Gorlova OY, ed. *PLOS ONE*. 2019;14(9):e0222139. doi:10.1371/journal.pone.0222139

29. Obón‐Santacana M, Luján‐Barroso L, Freisling H, et al. Consumption of nuts and seeds and pancreatic ductal adenocarcinoma risk in the European Prospective Investigation into Cancer and Nutrition. *Int J Cancer*. 2019;146(1):76-84. doi:10.1002/ijc.32415

30. Zheng J, Wirth MD, Merchant AT, et al. Inflammatory Potential of Diet, Inflammation-Related Lifestyle Factors, and Risk of Pancreatic Cancer: Results from the NIH-AARP Diet and Health Study. *Cancer Epidemiol Biomarkers Prev*. 2019;28(7):1266-1270. doi:10.1158/1055-9965.epi-19-0250

31. Schulpen M, Peeters PH, Brandt PA. Mediterranean diet adherence and risk of pancreatic cancer: A pooled analysis of two Dutch cohorts. *Int J Cancer*. 2018;144(7):1550-1560. doi:10.1002/ijc.31872

32. Liu Y, Wang X, Sun X, Lu S, Liu S. Vitamin intake and pancreatic cancer risk reduction. *Medicine*. 2018;97(13):e0114. doi:10.1097/md.0000000000010114

33. Barak Y, Fridman D. Impact of Mediterranean Diet on Cancer: Focused Literature Review. *Cancer Genomics Proteomics*. 2017;14(6):403-408. doi:10.21873/cgp.20050

34. Zhao Z, Yin Z, Pu Z, Zhao Q. Association Between Consumption of Red and Processed Meat and Pancreatic Cancer Risk: A Systematic Review and Meta-analysis. *Clin Gastroenterol Hepatol*. 2017;15(4):486-493.e10. doi:10.1016/j.cgh.2016.09.143

35. Larsson SC, Wolk A. Red and processed meat consumption and risk of pancreatic cancer: meta-analysis of prospective studies. *Br J Cancer*. 2012;106(3):603-607. doi:10.1038/bjc.2011.585

36. Huxley R, Ansary-Moghaddam A, Berrington de González A, Barzi F, Woodward M. Type-II diabetes and pancreatic cancer: a meta-analysis of 36 studies. *Br J Cancer*. 2005;92(11):2076-2083. doi:10.1038/sj.bjc.6602619

37. Chari ST, Leibson CL, Rabe KG, Ransom J, de Andrade M, Petersen GM. Probability of Pancreatic Cancer Following Diabetes: A Population-Based Study. *Gastroenterology*. 2005;129(2):504-511. doi:10.1016/j.gastro.2005.05.007

38. Pang Y, Kartsonaki C, Guo Y, et al. Diabetes, plasma glucose and incidence of pancreatic cancer: A prospective study of 0.5 million Chinese adults and a meta‐analysis of 22 cohort studies. *Int J Cancer*. 2017;140(8):1781-1788. doi:10.1002/ijc.30599

39. Elena JW, Steplowski E, Yu K, et al. Diabetes and risk of pancreatic cancer: a pooled analysis from the pancreatic cancer cohort consortium. *Cancer Causes Control*. 2012;24(1):13-25. doi:10.1007/s10552-012-0078-8

40. Cho J, Scragg R, Petrov MS. Postpancreatitis Diabetes Confers Higher Risk for Pancreatic Cancer Than Type 2 Diabetes: Results From a Nationwide Cancer Registry. *Diabetes Care*. 2020;43(9):2106-2112. doi:10.2337/dc20-0207

41. Yuan C, Babic A, Khalaf N, et al. Diabetes, Weight Change, and Pancreatic Cancer Risk. *JAMA Oncol*. 2020;6(10):e202948. doi:10.1001/jamaoncol.2020.2948

42. Wang F, Gupta S, Holly EA. Diabetes Mellitus and Pancreatic Cancer in a Population-Based Case-Control Study in the San Francisco Bay Area, California. *Cancer Epidemiol Biomarkers Prev*. 2006;15(8):1458-1463. doi:10.1158/1055-9965.epi-06-0188

43. Andersen DK, Korc M, Petersen GM, et al. Diabetes, Pancreatogenic Diabetes, and Pancreatic Cancer. *Diabetes*. 2017;66(5):1103-1110. doi:10.2337/db16-1477

44. Farias AJ, Wu AH, Porcel J, et al. Diabetes-Related Complications and Pancreatic Cancer Incidence in the Multiethnic Cohort. *JNCI Cancer Spectr*. 2020;4(5). doi:10.1093/jncics/pkaa035

45. Cui Y, Andersen DK. Diabetes and pancreatic cancer. *Endocr Relat Cancer*. 2012;19(5):F9-F26. doi:10.1530/erc-12-0105

46. Rahn S, Zimmermann V, Viol F, et al. Diabetes as risk factor for pancreatic cancer: Hyperglycemia promotes epithelial-mesenchymal-transition and stem cell properties in pancreatic ductal epithelial cells. *Cancer Letters*. 2018;415:129-150. doi:10.1016/j.canlet.2017.12.004

47. Setiawan VW, Stram DO, Porcel J, et al. Pancreatic Cancer Following Incident Diabetes in African Americans and Latinos: The Multiethnic Cohort. *J Natl Cancer Inst*. 2019;111(1):27-33. doi:10.1093/jnci/djy090

48. Kleeff J, Whitcomb DC, Shimosegawa T, et al. Chronic pancreatitis. *Nat Rev Dis Primers*. 2017;3(1). doi:10.1038/nrdp.2017.60

49. Wu L, Zheng W, Xiang Y-B, et al. Physical Activity and Pancreatic Cancer Risk among Urban Chinese: Results from Two Prospective Cohort Studies. *Cancer Epidemiol Biomarkers Prev*. 2018;27(4):479-487. doi:10.1158/1055-9965.epi-17-0895

50. Keum N, Bao Y, Smith-Warner SA, et al. Association of Physical Activity by Type and Intensity With Digestive System Cancer Risk. *JAMA Oncol*. 2016;2(9):1146-1153. doi:10.1001/jamaoncol.2016.0740

51. O’Rorke MA, Cantwell MM, Cardwell CR, Mulholland HG, Murray LJ. Can physical activity modulate pancreatic cancer risk? a systematic review and meta-analysis. *Int J Cancer*. 2010;126(12): doi:10.1002/ijc.24997

52. Sandhu J, De Rubeis V, Cotterchio M, et al. Trajectories of physical activity, from young adulthood to older adulthood, and pancreatic cancer risk; a population-based case-control study in Ontario, Canada. *BMC Cancer*. 2020;20(1). doi:10.1186/s12885-020-6627-8

53. Farris MS, Mosli MH, McFadden AA, Friedenreich CM, Brenner DR. The Association between Leisure Time Physical Activity and Pancreatic Cancer Risk in Adults: A Systematic Review and Meta-analysis. *Cancer Epidemiol Biomarkers Prev*. 2015;24(10):1462-1473. doi:10.1158/1055-9965.epi-15-0301

54. Noor NM, Banim PJR, Luben RN, Khaw K-T, Hart AR. Investigating Physical Activity in the Etiology of Pancreatic Cancer. *Pancreas*. 2016;45(3):388-393. doi:10.1097/mpa.0000000000000494

55. Luo H, Galvão DA, Newton RU, et al. Exercise Medicine in the Management of Pancreatic Cancer. *Pancreas*. 2021;50(3):280-292. doi:10.1097/mpa.0000000000001753

56. Lin Y, Kikuchi S, Tamakoshi A, et al. Obesity, physical activity and the risk of pancreatic cancer in a large Japanese cohort. *Int J Cancer*. 2007;120(12):2665-2671. doi:10.1002/ijc.22614

57. Friedenreich CM, Ryder‐Burbidge C, McNeil J. Physical activity, obesity and sedentary behavior in cancer etiology: epidemiologic evidence and biologic mechanisms. *Mol Oncol*. 2020;15(3):790-800. doi:10.1002/1878-0261.12772

58. Steindorf K, Clauss D, Tjaden C, et al. Quality of life, fatigue, and sleep problems in pancreatic cancer patients. *Dtsch Arztebl Int*. 2019;116. doi:10.3238/arztebl.2019.0471

59. Calton BA, Stolzenberg-Solomon RZ, Moore SC, et al. A prospective study of physical activity and the risk of pancreatic cancer among women (United States). *BMC Cancer*. 2008;8: doi:10.1186/1471-2407-8-63

60. Xie F, You Y, Huang J, et al. Association between physical activity and digestive-system cancer: An updated systematic review and meta-analysis. *J Sport Health Sci*. 2021;10(1):4-13. doi:10.1016/j.jshs.2020.09.009

61. Hanley AJG, Johnson KC, Villeneuve PJ, Mao Y. Physical activity, anthropometric factors and risk of pancreatic cancer: Results from the Canadian enhanced cancer surveillance system. *Int J Cancer*. 2001;94(1):140-147. doi:10.1002/ijc.1446

62. Patel AV, Rodriguez C, Bernstein L, Chao A, Thun MJ, Calle EE. Obesity, Recreational Physical Activity, and Risk of Pancreatic Cancer In a Large U.S. Cohort. *Cancer Epidemiol Biomarkers Prev*. 2005;14(2):459-466. doi:10.1158/1055-9965.epi-04-0583

63. Zohar L, Rottenberg Y, Twig G, et al. Adolescent overweight and obesity and the risk for pancreatic cancer among men and women: a nationwide study of 1.79 million Israeli adolescents. *Cancer*. 2019;125(1):118-126. doi:10.1002/cncr.31764

64. de Gonzalez AB, Sweetland S, Spencer E. A meta-analysis of obesity and the risk of pancreatic cancer. *Br J Cancer*. 2003;89(3):519-523. doi:10.1038/sj.bjc.6601140

65. Vucenik I, Stains JP. Obesity and cancer risk: evidence, mechanisms, and recommendations. *Ann N Y Acad Sci*. 2012;1271(1):37-43. doi:10.1111/j.1749-6632.2012.06750.x

66. Quoc Lam B, Shrivastava SK, Shrivastava A, Shankar S, Srivastava RK. The Impact of obesity and diabetes mellitus on pancreatic cancer: Molecular mechanisms and clinical perspectives. *J Cell Mol Med*. 2020;24(14):7706-7716. doi:10.1111/jcmm.15413

67. Nogueira L, Stolzenberg-Solomon R, Gamborg M, Sørensen TIA, Baker JL. Childhood body mass index and risk of adult pancreatic cancer. *Curr Dev Nutr*. 2017;1(10). doi:10.3945/cdn.117.001362

68. Carreras-Torres R, Johansson M, Gaborieau V, et al. The Role of Obesity, Type 2 Diabetes, and Metabolic Factors in Pancreatic Cancer: A Mendelian Randomization Study. *J Natl Cancer Inst*. 2017;109(9). doi:10.1093/jnci/djx012

69. Gerlovin H, Michaud DS, Cozier YC, Palmer JR. Oral Health in Relation to Pancreatic Cancer Risk in African American Women. *Cancer Epidemiol Biomarkers Prev*. 2019;28(4):675-679. doi:10.1158/1055-9965.epi-18-1053

70. Fan X, Alekseyenko AV, Wu J, et al. Human oral microbiome and prospective risk for pancreatic cancer: a population-based nested case-control study. *Gut*. 2016;67(1):120-127. doi:10.1136/gutjnl-2016-312580

71. Michaud DS, Fu Z, Shi J, Chung M. Periodontal Disease, Tooth Loss, and Cancer Risk. *Epidemiol Rev*. 2017;39(1):49-58. doi:10.1093/epirev/mxx006

72. Michaud DS, Kelsey KT, Papathanasiou E, Genco CA, Giovannucci E. Periodontal disease and risk of all cancers among male never smokers: an updated analysis of the Health Professionals Follow-up Study. *Ann Oncol*. 2016;27(5):941-947. doi:10.1093/annonc/mdw028

73. Maisonneuve P, Amar S, Lowenfels AB. Periodontal Disease, Edentulism and Pancreatic Cancer: A Meta Analysis. *Ann Oncol*. 2017;28(5): doi:10.1093/annonc/mdx019

74. Chung M, York BR, Michaud DS. Oral Health and Cancer. *Curr Oral Health Rep*. 2019;6(2):130-137. doi:10.1007/s40496-019-0213-7

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