



## Overview peer reviewed scientific publications of the Belgian Cancer Registry

### 2023

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- 1) De Troeyer K., [Silversmit G.](#), [Rosskamp M.](#), [Truyen I.](#), [Van Herck K.](#), et al... [Verdoodt F.](#), and [De Schutter H.](#) **The effect of the Flemish breast cancer screening program on breast cancer-specific mortality: A case-referent study.** 2023 *Cancer Epidemiology* 82 102320 <https://doi.org/10.1016/j.canep.2022.102320>
- 2) Tran T. N., [Hoeck S.](#), [De Schutter H.](#), [Janssens S.](#), [Peeters M.](#), [Van Hal G.](#) **The impact of a six-year existing screening programme using the faecal immunochemical test in Flanders (Belgium) on colorectal cancer incidence, mortality and survival: A population-based study.** 2023 *Int. J. Environ. Res. Public Health* 20, 1654 <https://doi.org/10.3390/ijerph20021654>

### 2022

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- 1) [Gorasso V.](#), [Silversmit G.](#), [Arbyn M.](#), [Cornez A.](#), [De Pauw R.](#), [De Smedt D.](#), [Grant I.](#), [Wyper G.](#), [Brecht Devleeschauwerv B.](#) & [Speybroeck N.](#) **The non-fatal burden of cancer in Belgium, 2004–2019: a nationwide registry-based study.** 2022 *BMC Cancer* <https://doi.org/10.1186/s12885-021-09109-4>
- 2) [Daneels W.](#), [Rosskamp M.](#), [Macq G.](#), [Saadoon El.](#), [De Geyndt A.](#), [Offner F.](#) and [Poirel HA.](#) **Real-World Estimation of First- and Second-Line Treatments for Diffuse Large B-Cell Lymphoma Using Health Insurance Data: A Belgian Population-Based Study.** 2022. *Front. Oncol.* 12:824704. <https://doi.org/10.3389/fonc.2022.824704>
- 3) [Soetewey A.](#), [Legrand C.](#), [Denuit M.](#) and [Silversmit G.](#) **Semi-markov modeling for cancer insurance** 2022. *European Actuarial Journal* <https://doi.org/10.1007/s13385-022-00308-2>
- 4) [Ding L.](#), [Poelheken K.](#), [Greuter MJW.](#), [Truyen I.](#), [De Schutter H.](#) et al. **Overdiagnosis of invasive breast cancer in population-based breast cancer screening: A short- and long-term perspective.** 2022 *Eur J Cancer* 173 (1-9) <https://authors.elsevier.com/sd/article/S0959804922003781>
- 5) [Ding L.](#), [Greuter MJW.](#), [Truyen I.](#), [Goossens M.](#), [De Schutter H.](#) et al. **Irregular screening participation increases advanced stage breast cancer at diagnosis: A population-based study.** 2022. *The Breast* 65:61-66 <https://doi.org/10.1016/j.breast.2022.07.004>
- 6) [Hoeck S.](#), [Janssens S.](#), [Van Hal G.](#), [Van Herck K.](#) **Self-Reported and Objective Impact of the COVID-19 Pandemic on Planning, Compliance and Timeliness of a Diagnostic Colonoscopy after a Positive FIT Screening Result in the Flemish Colorectal Cancer Screening Program.** 2022 *Gastrointestinal Disorders.*; 4(3):129-140. <https://doi.org/10.3390/gidisord4030013>
- 7) [Tran T. N.](#), [Peeters M.](#), [Hoeck S.](#), [Van Hal G.](#), [Janssens S.](#) and [De Schutter H.](#) **Optimizing the colorectal cancer screening programme using faecal immunochemical test (FIT) in Flanders, Belgium from the "interval**



- cancer" perspective.** 2022 *Br J Cancer*. Apr 1; 126(7): 1091–1099. <https://doi.org/10.1038/s41416-021-01694-2>
- 8) Ding L., Greuter M.J.W., Truyen I., Goossens M., Van der Vegt B., De Schutter H., et al. **Effectiveness of Organized Mammography Screening for Different Breast Cancer Molecular Subtypes.** 2022 *Cancers* 14, 4831 <https://doi.org/10.3390/cancers14194831>
  - 9) Vanbraband J., Van Damme N., Bouche G., Silversmit G., De Geyndt A., de Jonge E., et al. **Completeness and selection bias of a Belgian multidisciplinary, registration-based study on the Effectiveness and quality of Endometrial Cancer Treatment (EFFECT).** 2022 *BMC Cancer* 22-600 <https://doi.org/10.1186/s12885-022-09671-5>
  - 10) Cardoso R, Guo F, Heisser T, De Schutter H, Van Damme N, Nilbert MC et al. **Proportion and stage distribution of screen-detected and non-screen-detected colorectal cancer in nine European countries: an international, population-based study.** *Lancet Gastroenterol Hepatol.* 2022 Aug;7(8):711-723. [https://doi.org/10.1016/S2468-1253\(22\)00084-X](https://doi.org/10.1016/S2468-1253(22)00084-X)
  - 11) Cardoso R, Guo F, Heisser T, De Schutter H, Van Damme N, Nilbert MC et al. **Overall and stage-specific survival of patients with screen-detected colorectal cancer in European countries: A population-based study in 9 countries.** *Lancet Reg Health Eur.* 2022 Jul 6;21:100458. <https://doi.org/10.1016/j.lanepe.2022.100458>
  - 12) Van Walle L., Silversmit G., Depypere L., Nafteux P., Van Veer H., Van Daele E., Deswysen Y., Xicluna J., Debucquoy A., Van Eycken L., et al. **A population-based study using Belgian cancer registry data supports centralization of esophageal cancer surgery in Belgium.** 2022 *Ann Surg Oncol* <https://doi.org/10.1245/s10434-022-12938-7>

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- 2) Peacock HM, Tambuyzer T, Verdoodt F, Calay F, Poirel HA, De Schutter H, Francart J, Van Damme N, Van Eycken L. **Decline and incomplete recovery in cancer diagnoses during the COVID-19 pandemic in Belgium: a year-long, population-level analysis.** 2021 *ESMO Open* 6(4) <https://doi.org/10.1016/j.esmoop.2021.100197>
- 3) Izci H, Tambuyzer T, Vandeven J, Xicluna J, Wildiers H, Punie,K, Willers N, Oldenburger E, Van Nieuwenhuysen E, Berteloot P, Smeets A, Nevelsteen I, Deblander A, De Schutter H, Neven P, Silversmit\* G,



- Freija Verdoodt\* (\*Equal contributions). **Cause of death discordance between death certificates and medical files.** 2021 *Archives of Public Health*. <https://doi.org/10.1186/s13690-021-00637-w>
- 4) Ribeiro S, De Maeyer F, De Man N, Carton S, Cuyle PJ, Veslype C, Borbath I, Demetter P, Van Damme N, Van Eycken L, Vandamme T, Hoorens A, Geboes K. **Lessons learned about appendiceal neuroendocrine neoplasms from data analysis of the Belgian Cancer Registry 2010-2015.** 2021 *Acta Gastro-Enterologica Belgica*; Vol. 84 <https://doi.org/10.51821/84.3.011>
  - 5) Van Hemelrijck WMJ, Roskamp M, De Schutter H, Verdoodt F, Vanthomme K. **Cancer risk among individuals of migrant origin in Belgium during the 2000s – Evidence of migration as a ‘cancer risk transition’?** *Social Science & Medicine* 2021;269:113591 doi: 10.1016/j.socscimed.2020.113591 <https://doi.org/10.1016/j.socscimed.2020.113591>
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  - 7) Katrien Vanthomme, Michael Roskamp, Harlinde De Schutter and Hadewijch Vandenheede **Lung cancer incidence differences in migrant men in Belgium, 2004-2013: histology-specific analyses.** *BMC cancer* 2021 doi: 10.1186/s12885-021-08038-6 <https://doi.org/10.1186/s12885-021-08038-6>
  - 8) Ding L, Jidkova S., Greuter M.J.W, Van Herck K., Goossens M., De Schutter H., Martens P., Van Hal G., de Bock G.H. **The role of socio-demographic factors in the coverage of breast cancer screening: insights from a quantile regression analysis.** 2021 *Frontiers in Public Health, section Life-Course Epidemiology and Social Inequalities in Health* <https://doi.org/10.3389/fpubh.2021.648278>
  - 9) Demoury C., Faes C., De Schutter H., Carbonelle S., Roskamp M., Francart J., et al. **Childhood leukemia near nuclear sites in Belgium : an ecological study at small geographical level.** 2021 *Cancer epidemiology* 1;146(11):3034-3043. doi: 10.1016/j.canep.2021.101910 <https://doi.org/10.1016/j.canep.2021.101910>
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- 15) Snowden JA, Saccardi R, Orchard K, Ljungman P, Duarte RF, Labopin M., .... Poirel HA., ....., Macq G., et al. **Benchmarking of survival outcomes following haematopoietic stem cell transplantation: A review of existing processes and the introduction of an international system from the European Society for Blood and Marrow Transplantation (EBMT) and the Joint Accreditation Committee of ISCT and EBMT (JACIE).** *Bone Marrow Transplant* 2020 55(4):681-694. doi: 10.1038/s41409-019-0718-7. <https://10.1038/s41409-019-0718-7>
- 16) Snowden JA, Saccardi R, Orchard K, Ljungman P, Duarte RF, Labopin M.... Poirel HA., ....., Macq G., et al. **Correction: Benchmarking of survival outcomes following haematopoietic stem cell transplantation: A review of existing processes and the introduction of an international system from the European Society for Blood and Marrow Transplantation (EBMT) and the Joint Accreditation Committee of ISCT and EBMT (JACIE).** *Bone Marrow Transplant.* 2020 55(4):838-839. doi: 10.1038/s41409-019-0740-9. <https://10.1038/s41409-019-0740-9>



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