



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

### 2024

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- 1) Tran T.N., Bouchat J., Peeters M., Berghmans B., Van Cutsem E., Van Hal G., Van Herck K., Hoeck S. **Bleeding and Perforation Complications after Follow-Up Colonoscopies in Faecal Immunochemical Test-Based Colorectal Cancer Screening: Insights from a Retrospective Case-Control Study.** *Gastrointest. Disord.* 2024, 6, 26-48. <https://doi.org/10.3390/gidisord6010003>
- 2) Michalek IM, Martos C, Florentino Luciano Caetano dos Santos FL, Giusti F, Degerlund H, Neamtii L, Taraszkievicz L, Van Eycken L and Visser O. **Advancing data collection and analysis: 2023 revised European Network of Cancer Registries recommendations for standard dataset.** *European Journal of Cancer.* 2024 Volume 199, 113557. <https://doi.org/10.1016/j.ejca.2024.113557>
- 3) Bourgeois J., M. Peacock H., Savoye I., De Gendt C., Leroy R., Silversmit G., et al. **Quality of surgery and treatment and its association with hospital volume: A population-based study in more than 5000 Belgian ovarian cancer patients.** *European Journal of Surgical Oncology* 50 2024 107978, <https://doi.org/10.1016/j.ejso.2024.107978>
- 4) Castanares-Zapatero D., Verleye L, Devos C, Thiry N., Silversmit G., Van Damme N., De Gendt C., Hulstaert F., Neyt M **Survival of patients with unfavorable prognosis cutaneous melanoma with increased use of immunotherapy agents: a population-based study in Belgium.** *International Journal of Dermatology* (2024), <https://doi.org/10.1111/ijd.17046>
- 5) Fogh Jørgensen S, Kellen E, Haelens A., Van Herck K, Njor SH. **How follow-up rates in cervical cancer screening depend on organizational factors: A comparison of two population-based organized screening programmes.** *Journal of Medical Screening.* 2024;0(0). <https://doi.org/10.1177/09691413241231440>



## 2023

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- 1) De Troeyer K., Silversmit G., Roskamp 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>
- 3) Neyt M., Devos C., Thiry N., Silversmit G., De Gendt C., Van Damme N., et al. **Belgian observational survival data (incidence years 2004-2017) and expenditure for innovative oncology drugs in twelve cancer indications.** 2023 *Eur. Jour. Canc.* 182:23-37 <https://doi.org/10.1016/j.ejca.2022.12.029>
- 4) Depoorter, V., Vanschoenbeek, K., Decoster, L., De Schutter, H., Debruyne, P. R., De Groof, I., Bron, D., Cornélis, F., Luce, S., Focan, C., et al. **Linking clinical and population-based data in older patients with cancer in Belgium: Feasibility and clinical outcomes.** 2023. *Journal of Geriatric Oncology*, 101428. <https://doi.org/10.1016/j.jgo.2023.101428>
- 5) Vanhauwaert D, Pinson H, Vanschoenbeek K, Dedeurwaerdere F, De Gendt C, Boterberg T, De Vleeschouwer S. **Cancer registration, molecular marker status and adherence to the WHO 2016 classification of pathology reports for glioma diagnosed during 2017-2019 in Belgium.** *Pathobiology*. 2023 Jan 26. <https://doi.org/10.1159/000529320>
- 6) Verleye L, Castanares-Zapatero D, Devos C, De Gendt C, Silversmit G, Van Damme N, Hulstaert F, Thiry N, Neyt M. **Survival in stage IV ovarian cancer with increased use of debulking surgery and bevacizumab.** *Int J Gynecol Cancer*. 2023 Jan 5;ijgc-2022-003813. <https://doi.org/10.1136/ijgc-2022-003813>
- 7) Giusti F, Martos C, Trama A, Bettio M, Sanvisens A, Audisio R, Arndt V, Francisci S, Dochez C, Ribes J, Fernández LP, Gavin A, Gatta G, Marcos-Gragera R, Lievens Y, Allemani C, De Angelis R, Visser O, Van Eycken L; ENCR Working Group on Treatment Data Harmonisation. **Cancer treatment data available in European cancer registries: Where are we and where are we going?** *Front Oncol*. 2023 Feb 8;13:1109978. <https://doi.org/10.3389/fonc.2023.1109978>
- 8) Plichta JK, Thomas SM, Hayes DF, Chavez-MacGregor M, Allison K, de Los Santos J, ...van Eycken E, et al. **Novel Prognostic Staging System for Patients With De Novo Metastatic Breast Cancer.** *J Clin Oncol*. 2023 <https://doi.org/10.1200/JCO.22.02222>



- 9) Willers N., Neven P., Floris G., Colpaert C., Oldenburger E. et al. De Brabander I., Van Damme N., De Schutter H. **The upgrade risk of B3 lesions to (pre)invasive breast cancer after diagnosis on core needle or vacuum assisted biopsy. A Belgian national cohort study.** 2023 *Clinical Breast Cancer* <https://doi.org/10.1016/j.clbc.2023.03.006>
- 10) Macq G., Silversmit G., Verdoodt F. and Van Eycken L. **The epidemiology of multiple primary cancers in Belgium (2004-2017): Incidence, proportion, risk, stage and impact on relative survival estimates.** 2023 *BMC Cancer* 23: 349 <https://doi.org/10.1186/s12885-023-10777-7>
- 11) Demaerel P.G., Leloup A., Brochez L., Van Eycken L., Garmyn M. **Impact of the COVID-19 Pandemic on the Incidence and Thickness of Cutaneous Melanoma in Belgium.** 2023 *Biomedicines* 11(6):1645, <https://doi.org/10.3390/biomedicines11061645>
- 12) Izci H, Macq G, Tambuyzer T, De Schutter H, Wildiers H, Duhoux FP, et al. **Machine Learning Algorithm to Estimate Distant Breast Cancer Recurrence at the Population Level with Administrative Data.** 2023 *Clin Epidemiol.* 15:559-68, <https://doi.org/10.2147/CLEP.S400071>
- 13) Depoorter V, Vanschoenbeek K, Decoster L, Silversmit G, Debruyne PR, De Groof I, et al. **Long-term health-care utilisation in older patients with cancer and the association with the Geriatric 8 screening tool: a retrospective analysis using linked clinical and population-based data in Belgium.** 2023 *The Lancet Healthy Longevity* [https://doi.org/10.1016/S2666-7568\(23\)00081-8](https://doi.org/10.1016/S2666-7568(23)00081-8)
- 14) Depoorter V, Vanschoenbeek K, Decoster L, Silversmit G, Debruyne PR, De Groof I, et al. **End-of-Life Care in the Last Three Months before Death in Older Patients with Cancer in Belgium: A Large Retrospective Cohort Study Using Data Linkage.** *Cancers.* 2023;15(13):3349. <https://doi.org/10.3390/cancers15133349>
- 15) Peacock HM, De Gendt C, Silversmit G, Nuyts S, Casselman J, Machiels J-P, Giusti F, van Gool B, Vander Poorten V and Van Eycken L **Stage shift and relative survival for head and neck cancer during the 2020 COVID-19 pandemic: a population-based study of temporal trends.** 2023 *Front. Oncol.* 13:1253968. <https://doi.org/10.3389/fonc.2023.1253968>
- 16) Pinson H, Silversmit G, Vanhauwaert D, Vanschoenbeek K, Kalala Okito JP, De Vleeschouwer S, Boterberg T, De Gendt C. **Epidemiology and survival of adult-type diffuse glioma in Belgium during the molecular era.** *Neuro Oncol* 2023 <https://doi.org/10.1093/neuonc/noad158>
- 17) Savoye I, Silversmit G, Bourgeois J, De Gendt C, Leroy R, Peacock H, Stordeur S, et al. **Association between hospital volume and outcomes in invasive ovarian cancer in Belgium: A population-based study.** 2023 *Eur. Jour. Canc* 195 <https://doi.org/10.1016/j.ejca.2023.113402>



- 18) Vanbraband J., Van Damme N., Silversmit G., De Geyndt A., Bouche G., Jacomen G., de Jonge E., Goffin F., Denys H., Amant F. **Practice patterns, time trends and quality of care of uterine cancer in Belgium: An analysis of the EFFECT database.** *Gynecologic Oncology*. January 2024, volume 180, p. 70-78. <https://doi.org/10.1016/j.ygyno.2023.11.015>.
- 19) Henau K., Tambuyzer T., Van Gool B., Van Eycken L., Poirel HA. **Epidemiological Trends of Haematological Malignancies in Belgium 2004-2018: Older Patients Show the Greatest Improvement in Survival.** 2023. *Cancers* Sep 1;15(17):4388. <https://doi.org/10.3390/cancers15174388>
- 20) Tambuyzer, T., Vanhouwaert, D., Boterberg, T., De Vleeschouwer, S., Peacock, H. M., Bouchat, J., ... & Van Eycken, L. **Impact of the COVID-19 Pandemic on Incidence and Observed Survival of Malignant Brain Tumors in Belgium.** *Cancers*, 2023: 16(1), 63. <https://doi.org/10.3390/cancers16010063>
- 21) Janssens K, Fransen E, Van Camp G, Prenen H, Op de Beeck K, Van Damme N, Peeters M. **A Belgian Population-Based Study Reveals Subgroups of Right-sided Colorectal Cancer with a Better Prognosis Compared to Left-sided Cancer.** *Oncologist*. 2023 Jun 2;28(6):e331-e340. <http://doi.org/10.1093/oncolo/oyad074>
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- 2) Daneels W., Roskamp M, Macq G, Saadoon EI, 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>
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- 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>
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- 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>
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Belgian Cancer Registry

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