

Publikationer relaterade Svenska Barncancerregistret, 2021

- 1) Sørensen GV, Belmonte F, Erdmann F, Mogensen H, Albieri V, Holmqvist AS, Madanat-Harjuoja L, Talbäck M, Heyman MM, Malila N, Feychting M, Schmiegelow K, Winther JF, Hasle H. Late mortality among survivors of childhood acute lymphoblastic leukemia diagnosed during 1971-2008 in Denmark, Finland, and Sweden: A population-based cohort study. *Pediatr Blood Cancer*. 2022 Jan;69(1):e29356. doi: 10.1002/pbc.29356. Epub 2021 Sep 28. PMID: 34582112.
- 2) Michels N, Boer JM, Enshaei A, Sutton R, Heyman M, Ebert S, Fiocco M, de Groot-Kruseman HA, van der Velden VHJ, Barbany G, Escherich G, Vora A, Trahair T, Dalla-Pozza L, Pieters R, Zur Stadt U, Schmiegelow K, Moorman AV, Zwaan CM, den Boer ML. Minimal residual disease, long-term outcome, and IKZF1 deletions in children and adolescents with Down syndrome and acute lymphocytic leukaemia: a matched cohort study. *Lancet Haematol*. 2021 Oct;8(10):e700-e710. doi: 10.1016/S2352-3026(21)00272-6. PMID: 34560013; PMCID: PMC8480280.
- 3) Sayyab S, Lundmark A, Larsson M, Ringnér M, Nystedt S, Marincevic-Zuniga Y, Tamm KP, Abrahamsson J, Fogelstrand L, Heyman M, Norén-Nyström U, Lönnerholm G, Harila-Saari A, Berglund EC, Nordlund J, Syvänen AC. Mutational patterns and clonal evolution from diagnosis to relapse in pediatric acute lymphoblastic leukemia. *Sci Rep*. 2021 Aug 6;11(1):15988. doi: 10.1038/s41598-021-95109-0. PMID: 34362951; PMCID: PMC8346595.
- 4) Oskarsson T, Duun-Henriksen AK, Bautz A, Montgomery S, Harila-Saari A, Petersen C, Niinimäki R, Madanat-Harjuoja L, Tryggvadóttir L, Holmqvist AS, Hasle H, Heyman M, Winther JF; ALiCCS study group. Skeletal adverse events in childhood cancer survivors: An Adult Life after Childhood Cancer in Scandinavia cohort study. *Int J Cancer*. 2021 Dec 1;149(11):1863-1876. doi: 10.1002/ijc.33741. Epub 2021 Jul 30. PMID: 34278568.
- 5) Ranta S, Broman LM, Abrahamsson J, Berner J, Fläring U, Hed Myrberg I, Kalzén H, Karlsson L, Mellgren K, Nilsson A, Norén-Nyström U, Palle J, von Schewelov K, Svahn JE, Törnudd L, Heyman M, Harila-Saari A. ICU Admission in Children With Acute Lymphoblastic Leukemia in Sweden: Prevalence, Outcome, and Risk Factors. *Pediatr Crit Care Med*. 2021 Dec 1;22(12):1050-1060. doi: 10.1097/PCC.0000000000002787. PMID: 34074998.
- 6) Mogensen H, Modig K, Talbäck M, Erdmann F, Heyman M, Feychting M, Tettamanti G. Number of siblings and survival from childhood leukaemia: a national register-based cohort study from Sweden. *Br J Cancer*. 2021 Jul;125(1):112-118. doi: 10.1038/s41416-021-01374-1. Epub 2021 Apr 14. PMID: 33854211; PMCID: PMC8257570.
- 7) Jensen K, Oskarsson T, Lahteenmaki P, Flaegstad T, Schmiegelow K, Vedsted P, Albertsen B, Schrøder H. Doing less, accomplishing more for childhood ALL: response. *Br J Haematol*. 2021 Sep 15. doi: 10.1111/bjh.17814. Epub ahead of print. PMID: 34523723.
- 8) Smith L, Stiller CA, Aitken JF, Hjalgrim LL, Johannesen T, Lahteenmaki P, McCabe MG, Phillips R, Pritchard-Jones K, Steliarova-Foucher E, Winther JF, Woods RR, Glaser AW, Feltbower RG. International variation in childhood cancer mortality rates from 2001 to 2015: Comparison of trends in the International Cancer Benchmarking Partnership

- countries. *Int J Cancer*. 2022 Jan 1;150(1):28-37. doi: 10.1002/ijc.33774. Epub 2021 Oct 7. PMID: 34449879.
- 9) Johansson ALV, Fredriksson I, Mellekjær L, Stensheim H, Lähteenmäki P, Winther JF, Ullenhag GJ, Lundberg FE. Cancer survival in women diagnosed with pregnancy-associated cancer: An overview using nationwide registry data in Sweden 1970-2018. *Eur J Cancer*. 2021 Sep;155:106-115. doi: 10.1016/j.ejca.2021.07.008. Epub 2021 Aug 6. PMID: 34371441.
 - 10) Hovén E, Fagerkvist K, Jahnukainen K, Ljungman L, Lähteenmäki PM, Axelsson O, Lampic C, Wettergren L. Sexual dysfunction in young adult survivors of childhood cancer - A population-based study. *Eur J Cancer*. 2021 Sep;154:147-156. doi: 10.1016/j.ejca.2021.06.014. Epub 2021 Jul 14. PMID: 34273812.
 - 11) Jensen KS, Oskarsson T, Lähteenmäki PM, Flaegstad T, Schmiegelow K, Vedsted P, Albertsen BK, Schrøder H; Nordic Society of Paediatric Haematology and Oncology (NOPHO). Detection mode of childhood acute lymphoblastic leukaemia relapse and its effect on survival: a Nordic population-based cohort study. *Br J Haematol*. 2021 Aug;194(4):734-744. doi: 10.1111/bjh.17555. Epub 2021 May 27. PMID: 34041748.
 - 12) Thastrup M, Marquart HV, Levinsen M, Modvig S, Abrahamsson J, Albertsen BK, Frost BM, Harila-Saari A, Pesola J, Ulvmoen A, Wojcik DM, Taskinen M, Hoffmann M, Lausen B, Schmiegelow K; Nordic Society of Paediatric Haematology, Oncology (NOPHO). Flow cytometric analysis of cerebrospinal fluid improves detection of leukaemic blasts in infants with acute lymphoblastic leukaemia. *Br J Haematol*. 2021 Oct;195(1):119-122. doi: 10.1111/bjh.17769. Epub 2021 Aug 15. PMID: 34396501.
 - 13) Toksvang LN, Grell K, Nersting J, Degn M, Nielsen SN, Abrahamsson J, Lund B, Kanerva J, Jónsson ÓG, Lepik K, Vaitkevičienė G, Griškevičius L, Quist-Paulsen P, Vora A, Moorman AV, Murdy D, Zimmermann M, Möricke A, Bostrom B, Joshi J, Hjalgrim LL, Dalhoff KP, Als-Nielsen B, Schmiegelow K. DNA-thioguanine concentration and relapse risk in children and young adults with acute lymphoblastic leukemia: an IPD meta-analysis. *Leukemia*. 2022 Jan;36(1):33-41. doi: 10.1038/s41375-021-01182-9. Epub 2021 Jun 26. PMID: 34175901.
 - 14) Toksvang LN, Andrés-Jensen L, Rank CU, Niinimäki R, Nersting J, Nielsen SN, Mogensen SS, Harila-Saari A, Abrahamsson J, Joelsson J, Overgaard UM, Quist-Paulsen P, Griškevičius L, Jónsson ÓG, Vaitkevičienė G, Frandsen TL, Toft N, Grell K, Schmiegelow K. Maintenance therapy and risk of osteonecrosis in children and young adults with acute lymphoblastic leukemia: a NOPHO ALL2008 sub-study. *Cancer Chemother Pharmacol*. 2021 Nov;88(5):911-917. doi: 10.1007/s00280-021-04316-z. Epub 2021 Jun 18. PMID: 34145469.
 - 15) Nielsen SN, Toksvang LN, Grell K, Nersting J, Abrahamsson J, Lund B, Kanerva J, Jónsson ÓG, Vaitkeviciene G, Pruunsild K, Appell ML, Hjalgrim LL, Schmiegelow K. No association between relapse hazard and thiopurine methyltransferase geno- or phenotypes in non-high risk acute lymphoblastic leukemia: a NOPHO ALL2008 sub-study. *Cancer Chemother Pharmacol*. 2021 Aug;88(2):271-279. doi: 10.1007/s00280-021-04281-7. Epub 2021 Apr 29. PMID: 33928426.
 - 16) Dreisig K, Brünner ED, Marquart HV, Helt LR, Nersting J, Frandsen TL, Jonsson OG, Taskinen M, Vaitkeviciene G, Lund B, Abrahamsson J, Lepik K, Schmiegelow

K. *TPMT* polymorphisms and minimal residual disease after 6-mercaptopurine post-remission consolidation therapy of childhood acute lymphoblastic leukaemia. *Pediatr Hematol Oncol*. 2021 Apr;38(3):227-238. doi: 10.1080/08880018.2020.1842570. Epub 2020 Nov 18. PMID: 33205673.

- 17) Borgstedt-Bendixen SE, Abrahamsson J, Ha SY, Koskenvuo M, Lausen B, Palle J, Zeller B, Hasle H, Løhmann DJA. Abdominal Complications During Treatment for Pediatric Acute Myeloid Leukemia. *J Pediatr Hematol Oncol*. 2021 Aug 16. doi: 10.1097/MPH.0000000000002281. Epub ahead of print. PMID: 34387627.
- 18) Krali O, Palle J, Bäcklin CL, Abrahamsson J, Norén-Nyström U, Hasle H, Jahnukainen K, Jónsson ÓG, Hovland R, Lausen B, Larsson R, Palmqvist L, Staffas A, Zeller B, Nordlund J. DNA Methylation Signatures Predict Cytogenetic Subtype and Outcome in Pediatric Acute Myeloid Leukemia (AML). *Genes (Basel)*. 2021 Jun 10;12(6):895. doi: 10.3390/genes12060895. PMID: 34200630; PMCID: PMC8229099.
- 19) Stratmann S, Yones SA, Mayrhofer M, Norgren N, Skaftason A, Sun J, Smolinska K, Komorowski J, Herlin MK, Sundström C, Eriksson A, Höglund M, Palle J, Abrahamsson J, Jahnukainen K, Munthe-Kaas MC, Zeller B, Tamm KP, Cavalier L, Holmfeldt L. Genomic characterization of relapsed acute myeloid leukemia reveals novel putative therapeutic targets. *Blood Adv*. 2021 Feb 9;5(3):900-912. doi: 10.1182/bloodadvances.2020003709. PMID: 33560403; PMCID: PMC7876890.
- 20) Wilhelmsson M, Jahnukainen K, Winiarski J, Abrahamsson J, Bautz A, Gudmundsdottir T, Madanat-Harjuoja LM, Holmqvist AS, Winther JF, Hasle H; ALiCCS study group. Hospitalizations in long-term survivors of childhood AML treated with allogeneic HCT-An Adult Life after Childhood Cancer in Scandinavia (ALiCCS) study. *Am J Hematol*. 2021 Mar 1;96(3):E74-E77. doi: 10.1002/ajh.26071. Epub 2021 Jan 28. PMID: 33326137.
- 21) Ranta S, Kalzén H, Nilsson A, von Schewelov K, Broman LM, Berner J, Fläring U, Norén-Nyström U, Svahn JE, Palle J, Törnudd L, Karlsson L, Mellgren K, Abrahamsson J, Harila-Saari A. Extracorporeal Membrane Oxygenation Support in Children With Hematologic Malignancies in Sweden. *J Pediatr Hematol Oncol*. 2021 Mar 1;43(2):e272-e275. doi: 10.1097/MPH.0000000000001808. PMID: 32287104.
- 22) Lönnerblad M, Berglund E, Van't Hooft I, Blomgren K. Can National Tests from the Last Year of Compulsory School Be Used to Obtain More Detailed Information about Academic Performance in Children Treated for Brain Tumours? A Nationwide, Population-Based Study from Sweden. *Cancers (Basel)*. 2021 Jan 4;13(1):135. doi: 10.3390/cancers13010135. PMID: 33406638; PMCID: PMC7795235.
- 23) Grønbaek JK, Wibroe M, Toescu S, Frič R, Thomsen BL, Møller LN, Grillner P, Gustavsson B, Mallucci C, Aquilina K, Fellows GA, Molinari E, Hjort MA, Westerholm-Ormio M, Kiudeliene R, Mudra K, Hauser P, van Baarsen K, Hoving E, Zipfel J, Nysom K, Schmiegelow K, Sehested A, Juhler M, Mathiasen R; CMS study group. Postoperative speech impairment and surgical approach to posterior fossa tumours in children: a prospective European multicentre cohort study. *Lancet Child Adolesc Health*. 2021 Nov;5(11):814-824. doi: 10.1016/S2352-4642(21)00274-1. Epub 2021 Oct 6. PMID: 34624241.

24) Egnell C, Heyman M, Jónsson ÓG, Raja RA, Niinimäki R, Albertsen BK, Schmiegelow K, Stabell N, Vaitkeviciene G, Lepik K, Harila-Saari A, Ranta S. Obesity as a predictor of treatment-related toxicity in children with acute lymphoblastic leukaemia. *Br J Haematol.* 2022 Mar;196(5):1239-1247. doi: 10.1111/bjh.17936. Epub 2021 Nov 2. PMID: 34726257.