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Tailored to fit: balancing over- and undertreatment in early-stage triple-negative breast cancer patients

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LIST OF PUBLICATIONS

Wang Y, Dackus GMHE, Rosenberg EH, Cornelissen S, de Boo LW, Broeks A, Brugman W, Chan TWS, van Diest PJ, Hauptmann M, Ter Hoeve ND, Isaeva OI, de Jong VMT, Jóźwiak K, Kluin RJC, Kok M, Koop E, Nederlof PM, Opdam M, Schouten PC, Siesling S, van Steenis C, Voogd AC, Vreuls W, Salgado RF, Linn SC, Schmidt MK. Long-term outcomes of young, node-negative, chemotherapy-naïve, triple-negative breast cancer patients according to *BRCA1* status. *BMC Med.* 2024 Jan 9;22(1):9. doi: 10.1186/s12916-023-03233-7. PMID: 38191387; PMCID: PMC10775514.

Wang Y, Broeks A, Giardiello D, Hauptmann M, Jóźwiak K, Koop EA, Opdam M, Siesling S, Sonke GS, Stathonikos N, Ter Hoeve ND, van der Wall E, van Deurzen CHM, van Diest PJ, Voogd AC, Vreuls W, Linn SC, Dackus GMHE, Schmidt MK. External validation and clinical utility assessment of PREDICT breast cancer prognostic model in young, systemic treatment-naïve women with node-negative breast cancer. *Eur J Cancer.* 2023 Dec;195:113401. doi: 10.1016/j.ejca.2023.113401. Epub 2023 Oct 30. PMID: 37925965.

de Jong VMT *, **Wang Y ***, Ter Hoeve ND, Opdam M, Stathonikos N, Jóźwiak K, Hauptmann M, Cornelissen S, Vreuls W, Rosenberg EH, Koop EA, Varga Z, van Deurzen CHM, Mooyaart AL, Córdoba A, Groen EJ, Bart J, Willems SM, Zolota V, Wesseling J, Sapino A, Chmielik E, Ryska A, Broeks A, Voogd AC, Loi S, Michiels S, Sonke GS, van der Wall E, Siesling S, van Diest PJ, Schmidt MK, Kok M, Dackus GMHE, Salgado R, Linn SC. Prognostic Value of Stromal Tumor-Infiltrating Lymphocytes in Young, Node-Negative, Triple-Negative Breast Cancer Patients Who Did Not Receive (neo)Adjuvant Systemic Therapy. *J Clin Oncol.* 2022 Jul 20;40(21):2361-2374. doi: 10.1200/JCO.21.01536. Epub 2022 Mar 30. PMID: 35353548; PMCID: PMC9287283.

** Authors contributed equally*

Wang Y, van den Broek AJ, Schmidt MK. Letter to the editor regarding: ‘Association between *BRCA* mutational status and survival in patients with breast cancer: a systematic review and meta-analysis’. *Breast Cancer Res Treat.* 2021 Aug;188(3):821-823. doi: 10.1007/s10549-021-06289-2. Epub 2021 Jun 16. PMID: 34132937.

Not in this thesis

de Boo LW, Jóźwiak K, Ter Hoeve ND, van Diest PJ, Opdam M, **Wang Y**, Schmidt MK, de Jong V, Kleiterp S, Cornelissen S, Baars D, Koornstra RHT, Kerver ED, van Dalen T, Bins AD, Beeker A, van den Heiligenberg SM, de Jong PC, Bakker SD, Rietbroek RC, Konings IR, Blankenburgh R, Bijlsma RM, Imholz ALT, Stathonikos N, Vreuls W, Sanders J, Rosenberg EH, Koop EA, Varga Z, van Deurzen CHM, Mooyaart AL, Córdoba A, Groen E, Bart J, Willems SM, Zolota V, Wesseling

J, Sapino A, Chmielik E, Ryska A, Broeks A, Voogd AC, van der Wall E, Siesling S, Salgado R, Dackus GMHE, Hauptmann M, Kok M, Linn SC. Prognostic value of histopathologic traits independent of stromal tumor-infiltrating lymphocyte levels in chemotherapy-naïve patients with triple-negative breast cancer. *ESMO Open*. 2024 Mar;9(3):102923. doi: 10.1016/j.esmoop.2024.102923. Epub 2024 Mar 6. PMID: 38452438; PMCID: PMC10937239.

ABOUT THE AUTHOR

Yuwei Wang was born on June 7, 1994, in Xi'an, China. She completed her high school education at Gaoxin No.1 High School in Xi'an, and in 2012 began her academic journey in Public Health at Tongji Medical College, Huazhong University of Science and Technology in Wuhan. During her Bachelor's studies, she explored different aspects of healthcare through several internships, including a trainee doctor program at United Hospital in Wuhan and an internship at the Suizhou Center for Disease Control and Prevention.

After completing her Bachelor's degree in 2017, Yuwei moved to Nijmegen, the Netherlands, to pursue a Master's degree in Biomedical Sciences at Radboud University, specializing in Epidemiology. She soon found that she enjoyed both scientific research and life in the Netherlands. Her Master's training included two research internships: one at the Department of Geriatrics at Radboud UMC, where she studied disease patterns in dementia patients under the supervision of Dr. Miriam Haaksma and Dr. René Melis, and another through a collaboration between Integraal Kankercentrum Nederland and the Belgian Cancer Registry, where she investigated survival differences in gastric cancer patients under the supervision of Dr. Rob Verhoeven. She graduated *cum laude* in 2019, and these experiences strengthened her interest in epidemiology and encouraged her to stay in the Netherlands for a PhD.

Later in 2019, Yuwei joined the Netherlands Cancer Institute as a PhD candidate in the group of Prof. Dr. Marjanka Schmidt, where she spent five rewarding and memorable years. Her doctoral research focused on improving risk classification for patients with early-stage triple-negative breast cancer. During her PhD, she worked closely with colleagues from various disciplines and countries, presented her work at national and international conferences such as ESMO Breast, and published her findings in scientific journals including the *Journal of Clinical Oncology*.

Yuwei is currently working as a Postdoctoral Statistician at Johnson & Johnson Innovative Medicine in the Netherlands, where she focuses on federated data analysis in multiple myeloma patients. She continues to enjoy research and looks forward to contributing to data-driven improvements in healthcare.

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