

AFT-25 COMET – Publications/Abstracts (2021-12-08)

Publications.

Alaeikhanehshir S, Engelhardt EG, van Duijnhoven FH, van Seijen M, Bhairosing PA, Pinto D, Collyar D, Sawyer E, Hwang ES, Thompson AM, Wesseling J, Lips EH, Schmidt MK, Grand Challenge PRECISION consortium. **The impact of patient characteristics and lifestyle factors on the risk of an ipsilateral event after a primary DCIS: A systematic review.** *Breast* 2020 Apr; 50: 95–103.

doi: [10.1016/j.breast.2020.02.006](https://doi.org/10.1016/j.breast.2020.02.006)

Gosling S, Calabrese D, Nallala J, Greenwood C, Pinder S, King L, Marks JR, Pinto D, Lynch T, Lyburn ID, Hwang ES, Rogers K, Stone N, Grand Challenge PRECISION consortium. 2021. **A multi-modal exploration of heterogeneous physico-chemical properties of DCIS breast microcalcifications.** *Analyst* (paper submitted, under review).

Hou R, Mazurowski MA, Grimm LJ, Marks JR, King LM, Maley CC, Hwang ES, Lo JY, Grand Challenge PRECISION consortium. 2021. **Prediction of Upstaged Ductal Carcinoma in situ Using Forced Labeling and Domain Adaptation.** *IEEE Transactions on Biomedical Engineering* (Early Access).

doi: [10.1109/TBME.2019.2940195](https://doi.org/10.1109/TBME.2019.2940195)

Hou R, Grimm L, Mazurowski MA, Marks J, King L, Maley C, Lynch T, Oirsouw M, Rogers K, Stone N, Wallis M, Teuwen J, Wesseling J, Hwang ES, Lo J, Grand Challenge PRECISION consortium. **Prediction of upstaging in ductal carcinoma in situ based upon mammographic radiomic features.** *Radiology* (accepted for publication, in press).

Hwang ES, Hyslop, T, Lynch T, Frank E, Pinto D, Basila D, Collyar D, Bennett AV, Kaplan C, Rosenberg S, Thompson AM, Partridge A, Weiss A. **The COMET (Comparison of Operative to Monitoring and Endocrine Therapy) Trial: A phase III randomized trial for low-risk ductal carcinoma in situ (DCIS).** *BMJ Open* Mar 2019, 9 (3).

doi: [10.1136/bmjopen-2018-026797](https://doi.org/10.1136/bmjopen-2018-026797)

Rosenberg SM, Gierisch JM, Revette A, Lowenstein C, Frank E, Collyar D, Lynch T, Thompson AM, Partridge AH, Hwang ES. 2021. **“Is it cancer or not?” A qualitative exploration of patient perspectives surrounding the diagnosis and treatment of ductal carcinoma in situ (DCIS).** *Cancer* (accepted for publication, in press).

van Seijen M, Lips EH, Thompson AM, Nik-Zainal S, Futreal A, Hwang ES, Verschuur E, Lane Jonkers J, Rea DW, Wesseling J, Grand Challenge PRECISION consortium. **Ductal carcinoma in situ: to treat or not to treat, that is the question.** *British Journal of Cancer* volume 121, pages285–292(2019).

doi: <https://doi.org/10.1038/s41416-019-0478-6>

van Seijen M, Lips EH, Fu L, Giardiello D, van Duijnhoven F, de Munck L, Elshof LE, Thompson AM, Sawyer E, Ryser MD, Hwang ES, Schmidt MK, Elkhuizen PHM, Wesseling J, Schaapveld M, Grand Challenge PRECISION consortium. **Long-term risk of subsequent ipsilateral lesions after surgery with or without radiotherapy for ductal carcinoma in situ of the breast.** *Br J Cancer* (2021); Aug 18.

doi: <https://doi.org/10.1038/s41416-021-01496-6>

Abstracts

Byng D, Retèl VP, van Harten WH, Rushing CN, Thomas SM, Lynch T, McCarthy A, Francescatti AB, Frank ES, Partridge AH, Thompson AM, Grimm, L, Hyslop T, Hwang ES, Ryser MD, Grand Challenge PRECISION consortium. *Disparities in Surveillance Imaging After Breast Conserving Surgery for Primary DCIS*. American Society of Clinical Oncology, Chicago, Illinois, USA. June 4th-8th 2021.

DOI: 10.1200/JCO.2021.39.15_suppl.6516 *Journal of Clinical Oncology* 39, no. 15_suppl (May 20, 2021) 6516-6516.

Donovan JL, Davies L, Moghanaki D, Skinner V, Hwang S, Lynch T, Gierisch JM, Reda D, Rooshenas L. *Exploring the translation of the UK QRI (QuinteT Recruitment Intervention) to improve and optimise recruitment to clinical trials in the US*. Society for Clinical Trials Annual Meeting, New Orleans. May 16th-19th 2019.

Frank L, Collyar D, Pinto D, Basila D, Thompson A, Partridge A, Hwang ES, Lynch T. 2017. *Changing the DCIS Conversation through Development of an Alternative Discourse: the COMET Study Patient Leadership Team* [abstract]. In: Proceedings of the 2017 San Antonio Breast Cancer Symposium; 2017 Dec 5-9; San Antonio, TX. Philadelphia (PA): AACR; Cancer Res 2018;78(4 Suppl):Abstract nr P5-17-04.

DOI: 10.1158/1538-7445.SABCS17-P5-17-04 Published February 2018.

Kanbayashi C, Thompson A, Hwang S, Partridge A, Rea D, Wesseling J, Shien T, Mizutani T, Shibata T, Iwata H. *The international collaboration of active surveillance trials for low-risk DCIS (LORIS, LORD, COMET, LORETTA)*. American Society of Clinical Oncology Annual Meeting. June 5th-7th 2019.

DOI: 10.1200/JCO.2019.37.15_suppl.TPS603 *Journal of Clinical Oncology* 37, no. 15_suppl.

Lynch T, Frank E, Collyar D, Basila D, Pinto D, Partridge A, Thompson A, Hwang ES. *Comparison of Operative to Monitoring and Endocrine Therapy for Low-Risk DCIS. The COMET Trial*. Clinical Trials in Progress, American Society of Clinical Oncology, Chicago, Illinois, USA. June 3rd-5th 2018.

DOI: 10.1200/JCO.2018.36.15_suppl.TPS599 *Journal of Clinical Oncology* 36, no. 15_suppl.

Lynch T, Frank E, Collyar D, Basila D, Pinto D, Partridge A, Thompson A, Davies L, Donovan J, Hwang ES. 2020. *Comparison of Operative to Monitoring and Endocrine Therapy for Low-Risk DCIS. The COMET Trial*. San Antonio Breast Cancer Symposium. December 8-12, 2020.

Nallalla J, Calabrese D, Gosling S, Hall A, Pinder S, Bouybayoune I, King L, Marks J, Lips E, Lynch T, Pinto D, Wesseling J, Hwang ES, Rogers K, Stone N, Grand Challenge PRECISION consortium. *DCIS prognosis using infrared and Raman spectroscopy of breast calcifications and soft-tissue microstructure*. San Antonio Breast Cancer Symposium (Virtual). December 7-10, 2021.

Nash A, Plichta J, Ren, Y, Rosenberg, S, Thompson AM, Bedrosian I, Hughes KS, Lynch T, Hyslop T, Partridge AH, Hwang ES. *Patient-predicted risk estimates among those with breast atypia or ductal carcinoma in situ*. American Society of Breast Surgeons Annual Meeting, April 6-10, 2022.

Ozanne E, Partridge A, Hwang S, Thompson A, Frank E, Pinto D, Collyar D, Basila D, Lynch T, Hyslop T, Ryser MD, Punglia R. *Effectiveness of an online decision support tool in communicating information about treatment options and related risks for ductal carcinoma in situ (DCIS)*. International Conference on Communication in Healthcare, November 17th-18th 2021. Paris, France.

Pinto D, Lynch T, Hwang ES, Partridge A, Frank L, Collyar D, Basila D, Thompson A. *Patient-centered initiatives to enhance recruitment to the COMET study. When is Less More?* 5th World Congress on Controversies in Breast Cancer. September 4th-6th 2019. University of California, San Francisco.

Punglia RS, Partridge AH, Hwang ES, Thompson A, Frank E, Pinto D, Collyar D, Basila D, Lynch T, Hyslop T, Ryser MD, Ozanne EM. *Impact of an online ductal carcinoma in situ (DCIS) decision support tool on awareness of treatment options and knowledge of breast cancer risks* [abstract]. In: Proceedings of the 2020 San Antonio Breast Cancer Virtual Symposium; 2020 Dec 8-11; San Antonio, TX. Philadelphia (PA): AACR; *Cancer Res* 2021;81(4 Suppl):Abstract nr PD5-06. DOI: 10.1158/1538-7445.SABCS20-PD5-06 Published February 2021

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Ryser MD, Rushing CN, Thomas SM, Lynch T, McCarthy A, Mohammed ZA, Francescatti AB, Frank E, Partridge AH, Thompson AM, Hyslop T, Hwang ES. *Ipsilateral invasive cancer risk after diagnosis with ductal carcinoma in situ in patients with and without index surgery: the effects of endocrine therapy and radiation treatment* [abstract]. In: Proceedings of the 2020 San Antonio Breast Cancer Virtual Symposium; 2020 Dec 8-11; San Antonio, TX. Philadelphia (PA): AACR; *Cancer Res* 2021;81(4 Suppl):Abstract nr PD5-03. DOI: 10.1158/1538-7445.SABCS20-PD5-03 Published February 2021

Ryser MD, Hendrix L, Thomas S, Lynch T, McCarthy A, Mohammed Z, Francescatti AB, Frank E, Partridge AH, Thompson AM, Hyslop T, Hwang ES. *Ipsilateral invasive cancer risk after diagnosis with ductal carcinoma in situ: Comparison of patients with and without index surgery*. American Society of Clinical Oncology Annual Meeting (Virtual). June 4th-6th 2020. DOI: 10.1200/JCO.2020.38.15_suppl.519 *Journal of Clinical Oncology* 38, no.15_suppl (May 20, 2020) 519-519.

Schmitz R, van den Belt-Dusebout AW, Cresta C, Liu YH, Schaapveld M, Clements K, Timbres J, Byng DT, Ryser MD, Ren Y, Lynch T, Hyslop T, Menegaz B, Collyar D, Hwang ES, Thompson AM, Sawyer E, Wesseling J, Lips EH, Schmidt MK, Grand Challenge PRECISION consortium. *Subsequent risk of ipsilateral breast events in a multinational DCIS cohort of 48,576 patients: A meta-analysis within the PRECISION consortium*. San Antonio Breast Cancer Symposium (Virtual). December 7-10, 2021.

Schmitz R, Wilthagen E, van Duijnhoven F, van Oirsouw M, Verschuur E, Lynch T, Punglia RS, Hwang ES, Wesseling J, Schmidt MK, Bleiker E, Engelhardt EG, Grand Challenge PRECISION consortium. *Decision aids and risk prediction models to support decision making about DCIS*

treatment: a systematic literature review. San Antonio Breast Cancer Symposium (Virtual). December 7-10, 2021.

Schmitz R, van den Belt-Dusebout AW, Clements K, Ren Y, Cresta C, Timbres J, Liu Y, Byng D, Lynch T, Menegaz B, Collyar D, Hyslop T, Schaapveld M, Sawyer E, Hwang ES, Thompson AM, Ryser MD, Wesseling J, Lips EH, Schmidt MK, Grand Challenge PRECISION consortium. *Subsequent ipsilateral invasive breast cancer risk after DCIS treatment in multinational PRECISION consortium cohorts comprising of 48,576 patients.* American Association for Cancer Research Annual Meeting, April 8-13, 2022.

Wang S, Ren Y, Hyslop T, Lynch T, Ryser M, Hwang S. *Survival Outcomes in Patients Following Locoregional Treatment for DCIS: Analysis of the NCDB DCIS Special Study Cohort.* American Society of Breast Surgeons Annual Meeting, April 6-10, 2022.