

Publications 2020

Pathology & Data Analytics

★ = 3 Star Paper ★ = 4 Star Paper

UNIVERSITY OF LEEDS

EJSO European Journal of SURGICAL ONCOLOGY

The sigmoid take-off: An anatomical imaging definition of the rectum validated on specimen analysis

Nigel J. Sozou¹, Amy Lord², Annabel Shaw², Anisha Patel³, Svetlana Balsavasikova⁴, Vera Tutyda⁵, Mutli Abudu⁶, Brenden Moran⁷, Shahzahan Rasheed⁸, Paris Tekkis⁹, Monica Terlizzi⁹, Nick West¹⁰, Philip Quirke¹⁰, Gina Brown¹¹

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Computational Image Analysis of T-Cell Infiltrates in Resectable Gastric Cancer: Association with Survival and Molecular Subtypes

Bernjana P. Shafee^{1,2}, BMGS G. Li^{1,2}, Katharina von Loga^{1,2}, Michael D. West^{1,2}, Andrew Webster^{1,2}, Peter J. Griffin^{1,2}, Maria Semelkinova, BS^{1,2}, Maria Semelkinova, BS^{1,2}, Bojan Krstic^{1,2}, Alice R. Smit^{1,2}, Louise J. Parker^{1,2}, David Manktelow^{1,2}, Lindsay C. Hewitt^{1,2}, Philip Quirke^{1,2}, Ruth A. Smit^{1,2}, Marco Gerding^{1,2}, Daniel F. Forger^{1,2}, Andrew J. Newby^{1,2}, Alan Meekins^{1,2}, Gordon G. Hutchins^{1,2}, Martin H. Lohman^{1,2}, Marco Gerding^{1,2}

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Journal of Statistical Computation and Simulation

Properties and approximate p-value calculation of the Cramer test

Alain Telford¹, Charles C. Taylor¹, Henry W. Wood², Arief Gusnanto³

Gastroenterology (2020) 159: 1406–1416

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Clinical-Grade Detection of Microsatellite Instability in Colorectal Tumors by Deep Learning

Amelia Echle¹, Heike Grabsch^{2,3}, Philip Quirke¹, Piet A. van den Brandt⁴, Nicholas P. West¹, Gordon G. Hutchins¹, Laura R. Heij^{5,6}, Xuanfang Tan^{5,6}, Steven D. Richman⁷, Jennifer J. Alwers⁸, Joost van der Velde⁹, Daniel F. Forger¹⁰, Christian Trautwein¹¹, Alexander T. Pearson¹², Peter Boer¹³, Tom Luedde¹⁴, Nadine Therese Gaiss¹⁵, Michael Hoffmeister¹⁶, and Jakob Nikolas Kather^{17,18}

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Histopathology

Digital pathology for primary diagnosis of screen-detected breast lesions – experimental data, validation and experience from four centres

Seth Williams¹, Andrew Hanby², Rebecca Millican-Slater³, Elido Verghese⁴, Anju Nijhawan⁵, Imogen Wilson⁶, Justina Besupas⁷, David Clark⁸, David Smead⁹, Emd Rakha¹⁰, Darren Treanor¹¹

Cancer (2020) 125: 79–89

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Mucin expression in gastric- and gastro-oesophageal signet-ring cell cancers: results from a comprehensive literature review and a large cohort study of Caucasian and Asian cancer

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THE LANCET Gastroenterology & Hepatology

Radical surgery versus organ preservation via short-course radiotherapy followed by transanal endoscopic microscopy for early-stage rectal cancer (TREC): a randomised, open-label feasibility study

Emilia Gilleit¹, Barbara Strobel¹, Stephan Krämer¹, Gert Jan van der Velde¹, Matthias C. Lutzen², Peter Jonath³, Robert Steigleder⁴, Christiane Götz⁵, Barbara Schmid⁶, Michael Höglund⁷, Barbara Lohr⁸, Michael Körber⁹, Nadine Therese Gaiss¹⁰, Michael Hoffmeister¹¹, Jakob Nikolas Kather¹²

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Open Access

Pathological features of 11,337 patients with primary ductal carcinoma in situ (DCIS) and subsequent events: results from the UK Sloane Project

Ashish M. Shahani¹, Bridget Hilton¹, Karen J. Lewis², Taliyah M. Al-Sabagh³, Elizabeth P. Thompson⁴, Michael C. Lutzen⁵, Peter Jonath⁶, Robert Steigleder⁷, Christiane Götz⁸, Barbara Schmid⁹, Michael Höglund¹⁰, Barbara Lohr¹¹, Michael Körber¹², Nadine Therese Gaiss¹³, Michael Hoffmeister¹⁴, Jakob Nikolas Kather¹⁵

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Improving outcome prediction in individuals with colorectal cancer and diabetes by accurate assessment of vascular complications: implications for clinical practice

Rebecca J. Birch¹, Amy Dowling², Paul J. Finan³, Simon Howell⁴, C. J. Kamali⁵, A. J. Morris⁶, J. Morris⁷, A. J. Morris⁸, A. J. Morris⁹, A. J. Morris¹⁰, A. J. Morris¹¹, A. J. Morris¹², A. J. Morris¹³, A. J. Morris¹⁴, A. J. Morris¹⁵, A. J. Morris¹⁶, A. J. Morris¹⁷, A. J. Morris¹⁸, A. J. Morris¹⁹, A. J. Morris²⁰, A. J. Morris²¹, A. J. Morris²², A. J. Morris²³, A. J. Morris²⁴, A. J. Morris²⁵, A. J. Morris²⁶, A. J. Morris²⁷, A. J. Morris²⁸, A. J. Morris²⁹, A. J. Morris³⁰, A. J. Morris³¹, A. J. Morris³², A. J. Morris³³, A. J. Morris³⁴, A. J. Morris³⁵, A. J. Morris³⁶, A. J. Morris³⁷, A. J. Morris³⁸, A. J. Morris³⁹, A. J. Morris⁴⁰, A. J. Morris⁴¹, A. J. Morris⁴², A. J. Morris⁴³, A. J. Morris⁴⁴, A. J. Morris⁴⁵, A. J. Morris⁴⁶, A. J. Morris⁴⁷, A. J. Morris⁴⁸, A. J. Morris⁴⁹, A. J. Morris⁵⁰, A. J. Morris⁵¹, A. J. Morris⁵², A. J. Morris⁵³, A. J. Morris⁵⁴, A. J. Morris⁵⁵, A. J. Morris⁵⁶, A. J. Morris⁵⁷, A. J. Morris⁵⁸, A. J. Morris⁵⁹, A. J. Morris⁶⁰, A. J. Morris⁶¹, A. J. Morris⁶², A. J. Morris⁶³, A. J. Morris⁶⁴, A. J. Morris⁶⁵, A. J. Morris⁶⁶, A. J. Morris⁶⁷, A. J. Morris⁶⁸, A. J. Morris⁶⁹, A. J. Morris⁷⁰, A. J. Morris⁷¹, A. J. Morris⁷², A. J. Morris⁷³, A. J. Morris⁷⁴, A. J. Morris⁷⁵, A. J. Morris⁷⁶, A. J. Morris⁷⁷, A. J. Morris⁷⁸, A. J. Morris⁷⁹, A. J. Morris⁸⁰, A. J. Morris⁸¹, A. J. Morris⁸², A. J. Morris⁸³, A. J. Morris⁸⁴, A. J. Morris⁸⁵, A. J. Morris⁸⁶, A. J. Morris⁸⁷, A. J. Morris⁸⁸, A. J. Morris⁸⁹, A. J. Morris⁹⁰, A. J. Morris⁹¹, A. J. Morris⁹², A. J. Morris⁹³, A. J. Morris⁹⁴, A. J. Morris⁹⁵, A. J. Morris⁹⁶, A. J. Morris⁹⁷, A. J. Morris⁹⁸, A. J. Morris⁹⁹, A. J. Morris¹⁰⁰, A. J. Morris¹⁰¹, A. J. Morris¹⁰², A. J. Morris¹⁰³, A. J. Morris¹⁰⁴, A. J. Morris¹⁰⁵, A. J. Morris¹⁰⁶, A. J. Morris¹⁰⁷, A. J. Morris¹⁰⁸, A. J. Morris¹⁰⁹, A. J. Morris¹¹⁰, A. J. Morris¹¹¹, A. J. Morris¹¹², A. J. Morris¹¹³, A. J. Morris¹¹⁴, A. J. Morris¹¹⁵, A. J. Morris¹¹⁶, A. J. Morris¹¹⁷, A. J. Morris¹¹⁸, A. J. Morris¹¹⁹, A. J. Morris¹²⁰, A. J. Morris¹²¹, A. J. Morris¹²², A. J. Morris¹²³, A. J. Morris¹²⁴, A. J. Morris¹²⁵, A. J. Morris¹²⁶, A. J. Morris¹²⁷, A. J. Morris¹²⁸, A. J. Morris¹²⁹, A. J. Morris¹³⁰, A. J. Morris¹³¹, A. J. Morris¹³², A. J. Morris¹³³, A. J. Morris¹³⁴, A. J. Morris¹³⁵, A. J. Morris¹³⁶, A. J. Morris¹³⁷, A. J. Morris¹³⁸, A. J. Morris¹³⁹, A. J. Morris¹⁴⁰, A. J. Morris¹⁴¹, A. J. Morris¹⁴², A. J. Morris¹⁴³, A. J. Morris¹⁴⁴, A. J. Morris¹⁴⁵, A. J. Morris¹⁴⁶, A. J. Morris¹⁴⁷, A. J. Morris¹⁴⁸, A. J. Morris¹⁴⁹, A. J. Morris¹⁵⁰, A. J. Morris¹⁵¹, A. J. Morris¹⁵², A. J. Morris¹⁵³, A. J. Morris¹⁵⁴, A. J. Morris¹⁵⁵, A. J. Morris¹⁵⁶, A. J. Morris¹⁵⁷, A. J. Morris¹⁵⁸, A. J. Morris¹⁵⁹, A. J. Morris¹⁶⁰, A. J. Morris¹⁶¹, A. J. Morris¹⁶², A. J. Morris¹⁶³, A. J. Morris¹⁶⁴, A. J. Morris¹⁶⁵, A. J. Morris¹⁶⁶, A. J. Morris¹⁶⁷, A. J. Morris¹⁶⁸, A. J. Morris¹⁶⁹, A. J. Morris¹⁷⁰, A. J. Morris¹⁷¹, A. J. Morris¹⁷², A. J. Morris¹⁷³, A. J. Morris¹⁷⁴, A. J. Morris¹⁷⁵, A. J. Morris¹⁷⁶, A. J. Morris¹⁷⁷, A. J. Morris¹⁷⁸, A. J. Morris¹⁷⁹, A. J. Morris¹⁸⁰, A. J. Morris¹⁸¹, A. J. Morris¹⁸², A. J. Morris¹⁸³, A. J. Morris¹⁸⁴, A. J. Morris¹⁸⁵, A. J. Morris¹⁸⁶, A. J. Morris¹⁸⁷, A. J. Morris¹⁸⁸, A. J. Morris¹⁸⁹, A. J. Morris¹⁹⁰, A. J. Morris¹⁹¹, A. J. Morris¹⁹², A. J. Morris¹⁹³, A. J. Morris¹⁹⁴, A. J. Morris¹⁹⁵, A. J. Morris¹⁹⁶, A. J. Morris¹⁹⁷, A. J. Morris¹⁹⁸, A. J. Morris¹⁹⁹, A. J. Morris²⁰⁰, A. J. Morris²⁰¹, A. J. Morris²⁰², A. J. Morris²⁰³, A. J. Morris²⁰⁴, A. J. Morris²⁰⁵, A. J. Morris²⁰⁶, A. J. Morris²⁰⁷, A. J. Morris²⁰⁸, A. J. Morris²⁰⁹, A. J. Morris²¹⁰, A. J. Morris²¹¹, A. J. Morris²¹², A. J. Morris²¹³, A. J. Morris²¹⁴, A. J. Morris²¹⁵, A. J. Morris²¹⁶, A. J. Morris²¹⁷, A. J. Morris²¹⁸, A. J. Morris²¹⁹, A. J. Morris²²⁰, A. J. Morris²²¹, A. J. Morris²²², A. J. Morris²²³, A. J. Morris²²⁴, A. J. Morris²²⁵, A. J. Morris²²⁶, A. J. Morris²²⁷, A. J. Morris²²⁸, A. J. Morris²²⁹, A. J. Morris²³⁰, A. J. Morris²³¹, A. J. Morris²³², A. J. Morris²³³, A. J. Morris²³⁴, A. J. Morris²³⁵, A. J. Morris²³⁶, A. J. Morris²³⁷, A. J. Morris²³⁸, A. J. Morris²³⁹, A. J. Morris²⁴⁰, A. J. Morris²⁴¹, A. J. Morris²⁴², A. J. Morris²⁴³, A. J. Morris²⁴⁴, A. J. Morris²⁴⁵, A. J. Morris²⁴⁶, A. J. Morris²⁴⁷, A. J. Morris²⁴⁸, A. J. Morris²⁴⁹, A. J. Morris²⁵⁰, A. J. Morris²⁵¹, A. J. Morris²⁵², A. J. Morris²⁵³, A. J. Morris²⁵⁴, A. J. Morris²⁵⁵, A. J. Morris²⁵⁶, A. J. Morris²⁵⁷, A. J. Morris²⁵⁸, A. J. Morris²⁵⁹, A. J. Morris²⁶⁰, A. J. Morris²⁶¹, A. J. Morris²⁶², A. J. Morris²⁶³, A. J. Morris²⁶⁴, A. J. Morris²⁶⁵, A. J. Morris²⁶⁶,