

Wetenschappelijke Output 2019

ACADEMIE

Brouns, S. H. A, Mignot-Evers, L., Derkx, F., Lambooij, S. L, **Dieleman, J. P**, Haak, H. R. Performance of the Manchester triage system in older emergency department patients: a retrospective cohort study. BMC Emerg Med 2019;19(1):y.

Janssen, L. C, Van Der Spil, J., van Kaam, A. H., **Dieleman, J. P**, Andriessen, P., Onland, W., Niemarkt, H. J*. Minimally invasive surfactant therapy failure: risk factors and outcome. Arch Dis Child Fetal Neonatal Ed 2019

Rovers JFJ, Thomissen IJC, Janssen LCE, Lingius S, Wieland BV, **Dieleman JP**, Niemarkt HJ, van Runnard Heimel PJ. The relationship between antenatal indomethacin as a tocolytic drug and neonatal outcomes: a retrospective cohort study. J Matern Fetal Neonatal Med. 2019 Oct 9:1-7.

van Gijzen, A F M, Rouwers, E. D. M., van Doueren, F Q M P, **Dieleman, J.**, Hendriks, J. G. E, Halbertsma, F. J. J, Bok, L. A. Developmental dysplasia of the hip in children with Down syndrome: comparison of clinical and radiological examinations in a local cohort. Eur J Pediatr 2019; Apr;178(4):559-564

ACUTE KERN

Brouns, S. H. A, **Mignot-Evers, L.**, Derkx, F., Lambooij, S. L, Dieleman, J. P, Haak, H. R. Performance of the Manchester triage system in older emergency department patients: a retrospective cohort study. BMC Emerg Med 2019;19(1):y.

Wijnands-Kleukers APG, **Dijkman W**, Brogtrop J, Kamps MJA, De Lange DW, Sikma MA. Inhalational Methanol Intoxication: Emerging Issues in the Netherlands Resulting From Illegal Drug Production. Ann Emerg Med. 2019 Nov;74(5):727-728.

ANAESTHESIOLOGIE

Bousema JE, **Dias EM**, Hagen SM, Govaert B, **Meijer P**, van den Broek FJC. Subpleural multilevel intercostal continuous analgesia after thoracoscopic pulmonary resection: a pilot study. J Cardiothorac Surg. 2019 Oct 22;14(1):179.

CARDIOLOGIE

Abreu, A., Pesah, E., Supervia, M., Turk-Adawi, K., Bjarnason-Wehrens, B., Lopez-Jimenez, F., Ambrosetti, M., Andersen, K., Giga, V., Vulic, D., Vataman, E., Gaita, D., Cliff, J., Kouidi, E., Yagci, I., Simon, A., Hautala, A., Tamuleviciute-Prasciene, E., **Kemps, H.**, Eysymontt, Z., Farsky, S., Hayward, J., Prescott, E., Dawkes, S., Pavy, B., Kiessling, A., Sovova, E., Grace, S. L. Cardiac rehabilitation availability and delivery in Europe: How does it differ by region and compare with other high-income countries?: Endorsed by the European Association of Preventive Cardiology. Eur J Prev Cardiol 2019;2047487319827453.

Cremers, H. P., Hoorn, C., **Theunissen, L.**, van der Voort, P., Polak, P., de Jong, S., van Veghel, D., Dekker, L. Regional collaboration to improve atrial fibrillation care: Preliminary data from the Netherlands heart network. J Arrhythm 2019;35(4):604-611.

Font, L. P., Cardonne, M. M., **Kemps, H.**, Meesen, R., Salmon, O. F., Gonzalez, F. G., Lambrecht, I., Rigo, J. M., Brone, B., Bronckaers, A. Non-pulsed Sinusoidal Electromagnetic Field Rescues Animals From Severe Ischemic Stroke via NO Activation. Front Neurosci 2019;13:561.

Gevaert, A. B., Adams, V., Bahls, M., Bowen, T. S., Cornelissen, V., Dorr, M., Hansen, D., **Kemps, H. M.**, Leeson, P., Van Craenenbroeck, E. M., Krankel, N. Towards a personalised approach in exercise-based cardiovascular rehabilitation: How can translational research help? A 'call to action' from the Section on Secondary Prevention and Cardiac Rehabilitation of the European Association of Preventive Cardiology. Eur J Prev Cardiol 2019;2047487319877716.

Hansen, D., Kraenkel, N., **Kemps, H.**, Wilhelm, M., Abreu, A., Pfeiffer, A. F., Jordao, A., Cornelissen, V., Voller, H. Management of patients with type 2 diabetes in cardiovascular rehabilitation. Eur J Prev Cardiol 2019;2047487319882820.

Herkert, C, Kraal, J. J, van Loon, E M A, van Hooff, M, Kemps, H. M. C.
Usefulness of Modern Activity Trackers for Monitoring Exercise Behavior in Chronic Cardiac Patients: Validation Study. JMIR Mhealth Uhealth 2019;7(12):e15045.

Kemps, H., Krankel, N., Dorr, M., Moholdt, T., Wilhelm, M., Paneni, F., Serratosa, L., Ekker Solberg, E., Hansen, D., Halle, M., Guazzi, M., European Association of Preventive Cardiology, (EAPC). Exercise training for patients with type 2 diabetes and cardiovascular disease: What to pursue and how to do it. A Position Paper of the European Association of Preventive Cardiology (EAPC). Eur J Prev Cardiol 2019;2047487318820420.

Kemps, H. M. Predicting the non-response to exercise training: Does it have clinical implications? Eur J Prev Cardiol 2019: Dec;26(18):2014-2015

Supervia, M., Turk-Adawi, K., Lopez-Jimenez, F., Pesah, E., Ding, R., Britto, R. R., Bjarnason-Wehrens, B., Derman, W., Abreu, A., Babu, A. S., Santos, C. A., Jong, S. K., Cuenza, L., Yeo, T. J., Scantlebury, D., Andersen, K., Gonzalez, G., Giga, V., Vulic, D., Vataman, E., Cliff, J., Kouidi, E., Yagci, I., Kim, C., Benaim, B., Estany, E. R., Fernandez, R., Radi, B., Gaita, D., Simon, A.,

Chen, S. Y., Roxburgh, B., Martin, J. C., Maskhulia, L., Burdiat, G., Salmon, R., Lomeli, H., Sadeghi, M., Sovova, E., Hautala, A., Tamuleviciute-Prasciene, E., Ambrosetti, M., Neubeck, L., Asher, E., **Kemps, H.**, Eysymontt, Z., Farsky, S., Hayward, J., Prescott, E., Dawkes, S., Santibanez, C., Zeballos, C., Pavy, B., Kiessling, A., Sarrafzadegan, N., Baer, C., Thomas, R., Hu, D., Grace, S. L. Nature of Cardiac Rehabilitation Around the Globe. *EClinicalMedicine* 2019;13:46-56.

Turk-Adawi, K., Supervia, M., Lopez-Jimenez, F., Pesah, E., Ding, R., Britto, R. R., Bjarnason-Wehrens, B., Derman, W., Abreu, A., Babu, A. S., Santos, C. A., Jong, S. K., Cuenza, L., Yeo, T. J., Scantlebury, D., Andersen, K., Gonzalez, G., Giga, V., Vulic, D., Vataman, E., Cliff, J., Kouidi, E., Yagci, I., Kim, C., Benaim, B., Estany, E. R., Fernandez, R., Radi, B., Gaita, D., Simon, A., Chen, S. Y., Roxburgh, B., Martin, J. C., Maskhulia, L., Burdiat, G., Salmon, R., Lomeli, H., Sadeghi, M., Sovova, E., Hautala, A., Tamuleviciute-Prasciene, E., Ambrosetti, M., Neubeck, L., Asher, E., **Kemps, H.**, Eysymontt, Z., Farsky, S., Hayward, J., Prescott, E., Dawkes, S., Santibanez, C., Zeballos, C., Pavy, B., Kiessling, A., Sarrafzadegan, N., Baer, C., Thomas, R., Hu, D., Grace, S. L. Cardiac Rehabilitation Availability and Density around the Globe. *EClinicalMedicine* 2019;13:31-45.

van de Sande, D A J P, Schoots, T., Hoogsteen, J., Doevedans, P. A., **Kemps, H. M. C.** O₂ Pulse Patterns in Male Master Athletes with Normal and Abnormal Exercise Tests. *Med Sci Sports Exerc* 2019;51(1):12-18.

van de Sande, D A J P, Hoogsteen, J., Doevedans, P. A., **Kemps, H. M. C.** The influence of LV geometry on the occurrence of abnormal exercise tests in athletes. *BMC Cardiovasc Disord* 2019;19(1):1.

van de Sande, D A J P, Barneveld, P. C., **Hoogsteen, J.**, Doevedans, P. A., **Kemps, H. M. C.** Coronary microvascular function in athletes with abnormal exercise test results. *Neth Heart J* 2019 Dec;27(12):621-628.

Vromen, T., Peek, N., Abu-Hanna, A., **Kemps, H. M. C.** Practice Variations in Exercise Training Programs in Dutch Cardiac Rehabilitation Centers: Prospective, Observational Study. *Phys Ther* 2019 Mar 1;99(3):266-275.

Promoties

van de Sande D.

Exercise electrocardiography in athletes : diagnostic accuracy and pathophysiological background. Utrecht: Universiteit Utrecht; 6 maart 2019.

CHIRURGIE

Bastiaenen, V. P., **Corten, B. J.**, de Savornin Lohman, E A, de Jonge, J., Kraima, A. C., Swank, H. A., van Vliet, J. L., van Acker, G. J., van Geloven, A. A., In 't Hof, K H, Koens, L., de Reuver, P. R., van Rossem, C. C., **Slooter, G. D.**, Tanis, P. J., Terpstra, V., Dijkgraaf, M. G., Bemelman, W. A. Safety and cost analysis of selective histopathological examination following

appendicectomy and cholecystectomy (FANCY study): protocol and statistical analysis plan of a prospective observational multicentre study. BMJ Open 2019;9(12):e035912-035912.

Bonouvie, D. S, Uittenbogaart, M., Luijten, A A P M, van Dielen, F M H, Leclercq, W. K. G.
Lack of Standard Definitions of Primary and Secondary (Non)responders After Primary Gastric Bypass and Gastric Sleeve: a Systematic Review. Obes Surg 2019 Feb;29(2):691-697

Bonouvie, D. S, Uittenbogaart, M., Luijten, A A P M, van Dielen, F M H, Leclercq, W. K. G.
Reply to Letter to the Editor: Measuring and Defining Response and Non-response After Bariatric Surgery. Obes Surg 2019 May;29(5):1651-1652.

Bousema, J. E, van Dorp, M., Hoeijmakers, F., Huijbregts, I. A., Barlo, N. P., Bootsma, G. P., van Boven, W. P., Claessens, N. J. M., Dingemans, A. C., Hanselaar, W. E., Kortekaas, R. T. J., Lardenoije, J. H. P., Maessen, J. G., Schreurs, W. H., Vissers, Y., Youssef-EI Soud, M.., Dijkgraaf, M. G. W., Annema, J., van den Broek, F J C. Guideline adherence of mediastinal staging of non-small cell lung cancer: A multicentre retrospective analysis. Lung Cancer 2019;134:52-58.

Bousema, J. E, van Dorp, M., Noyez, V J J M, Dijkgraaf, M. G. W., Annema, J. T., van den Broek, F J C. Unforeseen N2 Disease after Negative Endosonography Findings with or without Confirmatory Mediastinoscopy in Resectable Non-Small Cell Lung Cancer: A Systematic Review and Meta-Analysis. J Thorac Oncol 2019;14(6):979-992.

Bousema, J. E, Dias, E. M, Hagen, S. M., Govaert, B., Meijer, P., van den Broek, F J C. Subpleural multilevel intercostal continuous analgesia after thoracoscopic pulmonary resection: a pilot study. J Cardiothorac Surg 2019;14(1):179-y.

Brands-Appeldoorn A., Maaskant-Braat S. , Schenk K., Roumen R. Cosmetic Consequences of Breast-Conserving Treatment for Breast Cancer: Something Worth Talking About. Oncologist. 2019 Feb;24(2):172-177. doi: 10.1634/theoncologist.2017-0443. Epub 2018 Sep 26.

Brands-Appeldoorn, A. T. P. M., Maaskant-Braat, A. G. J., Tjan-Heijnen, V. C. G., Roumen, R. M. H. Does a New Information Structure about Cosmetic Outcome of Breast-Conserving Treatment Result in a Better Informed Patient? Outcome of a Comparative Case Study. Int J Cancer Clin Res 2019;6(2):109

Bruns, E. R. J., van Rooijen, S. J., Argillander, T. E., van der Zaag, E S, van Grevenstein, W M U, van Duijvendijk, P., Buskens, C. J., Bemelman, W. A., van Munster, B. C., Slooter, G. D., van den Heuvel, B. Improving Outcomes in Oncological Colorectal Surgery by Prehabilitation. Am J Phys Med Rehabil 2019;98(3):231-238.

Burger, B. B., Veerman, M. M., Tellier, M. A., Leclercq, W. K. G., Moues-Vink, C. M., Werker, P. M. N. Insight in Information Provision Prior to Obtaining Surgical Informed Consent-by Audiotaping Outpatient Consultations. World J Surg 2019;43(2):425-430.

de Bruijn, J., Winkes, M., van Eerten, P., Scheltinga, M.

Chronic exertional compartment syndrome as a cause of anterolateral leg pain.

Unfallchirurg 2019;Jan;123(Suppl 1):8-14.

de Bruijn, J., Winkes, M., van Eerten, P., Scheltinga, M. Chronic exertional compartment

syndrome as a cause of anterolateral leg pain-German version. Unfallchirurg

2019;122(11):840-847.

de Bruijn, J. A., van Zantvoort, A P M, Hundscheid, H. P. H., Hoogeveen, A. R., Teijink, J. A.

W., Scheltinga, M. R. Superficial Peroneal Nerve Injury Risk During a Semiblind Fasciotomy

for Anterior Chronic Exertional Compartment Syndrome of the Leg: An Anatomical and

Clinical Study. Foot Ankle Int 2019;40(3):343-351.

de Bruijn, J. A, Scheltinga, M. R. Response to "Letter Regarding: Superficial Peroneal Nerve

Injury Risk During a Semiblind Fasciotomy for Anterior Chronic Exertional Compartment

Syndrome of the Leg: An Anatomical and Clinical Study". Foot Ankle Int 2019;40(4):487.

den Bakker, C. M., Schaafsma, F. G., van der Meij, E., Meijerink, W. J., van den Heuvel, B., Baan, A. H., Davids, P. H., Scholten, P. C., van der Meij, S., van Baal, W. M., van Dalsen, A. D., Lips, D. J., van der Steeg, J W, **Leclercq, W. K**, Geomini, P. M., Consten, E. C., Schraffordt Koops, S. E., de Castro, S. M., van Kesteren, P. J., Cense, H. A., Stockmann, H. B., Ten Cate, A. D., Bonjer, H. J., Huirne, J. A., Anema, J. R. Electronic Health Program to Empower Patients in Returning to Normal Activities After General Surgical and Gynecological Procedures: Intervention Mapping as a Useful Method for Further Development. J Med Internet Res 2019;21(2):e9938.

Corten, B J G A, Leclercq, W. K. G, Dejong, C. H., Roumen, R. M. H, Slooter, G. D. Selective Histological Examination After Cholecystectomy: An Analysis of Current Daily Practice in The Netherlands. World J Surg 2019 Oct;43(10):2561-2570.

Corten, B J G A, Leclercq, W. K. G, Roumen, R. M. H, van Zwam, P. H., Dejong, C. H., Slooter, G. D. Histological examination of the gallbladder following routine cholecystectomy? A selective analysis is justified. Eur J Surg Oncol 2019 Nov 14. pii: S0748-7983(19)31439-8.

Corten, B J G A, Leclercq, W. K. G, Dercksen, M. W, van den Broek, W T, van Zwam, P. H., Dejong, C. H., Slooter, G. D. Paraganglion, a pitfall in diagnosis after regular cholecystectomy. Int J Surg Case Rep 2019;65:205-208.

Corten, B J G A, Alexander, S., van Zwam, P. H., Leclercq, W. K. G., Roumen, R. M. H., Slooter, G. D. Outcome of Surgical Inspection of the Gallbladder in Relation to Final Pathology. J Gastrointest Surg 2019;23(6):1130-1134.

Gerrickens, M. W. M, Vaes, R. H. D, Wiersma, V., van Kuijk, S M J, Snoeijs, M. G., Govaert, B., Scheltinga, M. R. Revision using distal inflow for high flow hemodialysis access alters arterial flow characteristics in the dialysis arm. J Vasc Surg 2019 Oct 13. pii: S0741-5214(19)31793-8.

Hageman, D., Fokkenrood, H. J. P., van Deursen, B A C, Gommans, L. N. M., Cancrius, E., **Scheltinga, M. R. M.**, Teijink, J. A. W. Randomized controlled trial of vacuum therapy for intermittent claudication. *J Vasc Surg* 2019 Nov 2. pii: S0741-5214(19)32185-8.

Jansen, S. C. P., Hoorweg, B. B. N., Hoeks, S. E., van den Houten, M M L, **Scheltinga, M. R. M.**, Teijink, J. A. W., Rouwet, E. V. A systematic review and meta-analysis of the effects of supervised exercise therapy on modifiable cardiovascular risk factors in intermittent claudication. *J Vasc Surg* 2019 Apr;69(4):1293-1308.e2.

Kouw, I. W. K., van Dijk, J. W., Horstman, A. M. H., Kramer, I. F., Goessens, J. P. B., van **Dielen, F M H**, Verdijk, L. B., van Loon, L J C. Basal and Postprandial Myofibrillar Protein Synthesis Rates Do Not Differ between Lean and Obese Middle-Aged Men. *J Nutr* 2019 Sep 1;149(9):1533-1542.

Leclercq, W. K, Uittenbogaart, M. , Niemarkt, H. J, van Laar, J. O. Pregnant patient with acute abdominal pain and previous bariatric surgery. *BMJ Case Rep* 2019;12(8):10.1136/bcr-228962.

Lijftogt, N., Vahl, A., van der Willik, E M, Leijdekkers, V. J., Wouters, M W J M, Hamming, J. F., Dutch Society of Vascular Surgery, the Steering Committee of the Dutch Surgical Aneurysm Audit and the Dutch Institute for Clinical Auditing, **Bender, M. H., Govaert, B., Loos, M. J., Scheltinga, M. R.** Toward Optimizing Risk Adjustment in the Dutch Surgical Aneurysm Audit. *Ann Vasc Surg* 2019;60:103-111.

Maatman, R. C, Boelens, O. B, Scheltinga, M. R. M, Roumen, R. M. H. Chronic localized back pain due to entrapment of cutaneous branches of posterior rami of the thoracic nerves (POCNES): a case series on diagnosis and management. *J Pain Res* 2019;12:715-723.

Maatman, R. C, van Kuijk, S M J, Steegers, M. A. H., Boelens, O. B. A., Lim, T. C., **Scheltinga, M. R. M, Roumen, R. M. H.** A Randomized Controlled Trial to Evaluate the Effect of Pulsed Radiofrequency as a Treatment for Anterior Cutaneous Nerve Entrapment Syndrome in comparison to Anterior Neurectomy. *Pain Pract* 2019 Sep;19(7):751-761.

Maatman, R. C, Werner, M. U., **Scheltinga, M. R. M., Roumen, R. M. H.** Bilateral distribution of anterior cutaneous nerve entrapment syndrome (ACNES): are clinical features and outcomes comparable to unilateral ACNES? *Reg Anesth Pain Med* 2019 Jan 11. pii: rapm-2018-100062.

Mol, F. M. U, Maatman, R. C, De Joode, L E G H, **Van Eerten, P., Scheltinga, M. R, Roumen, R.** Characteristics of 1116 Consecutive Patients Diagnosed With Anterior Cutaneous Nerve Entrapment Syndrome (ACNES). *Ann Surg* 2019 Feb 20. doi: 10.1097/SLA.0000000000003224.

Mol, F. M. U., Jansen, C. H., Dijk, W. van., Eerten, P. van., Scheltinga, M. R., Roumen, R. M. Factors predicting outcome after anterior neurectomy in patients with chronic abdominal pain due to anterior cutaneous nerve entrapment syndrome (ACNES). *Surgery* 2019;165(2):417-422.

Molenaar CJL, Papen-Botterhuis N. E., Slooter G. D. Prehabilitation, making patients fit for surgery – a new frontier in perioperative care. *Innov Surg Sci* 2019;4(4):132-138.

Noben, L., Goossens, S M T A, Truijens, S. E. M., van Berckel, M M G, Perquin, C. W., **Slooter, G. D., van Rooijen, S. J.** A Virtual Reality Video to Improve Information Provision and Reduce Anxiety Before Cesarean Delivery: Randomized Controlled Trial. *JMIR Ment Health* 2019;6(12):e15872.

Pedersen, K. F., **Roumen, R., Scheltinga, M.,** Bisgaard, T. Anterior cutaneous nerve entrapment syndrome. *Ugeskr Laeger* 2019;181(35):V02190133.

Poodt, I. G. M., Vugts, G., Schipper, R. J., **Roumen, R. M. H.**, Rutten, H. J. T., **Maaskant-Braat, A. J. G.**, Voogd, A. C., Nieuwenhuijzen, G. A. P., Sentinel Node and Recurrent Breast Cancer (SNARB) study group. Prognostic impact of repeat sentinel lymph node biopsy in patients with ipsilateral breast tumour recurrence. *Br J Surg* 2019;106(5):574-585.

Poodt, I. G. M., Walstra, C J E F, Vugts, G., **Maaskant-Braat, A. J. G.**, Voogd, A. C., Schipper, R. J., Nieuwenhuijzen, G. A. P., Sentinel Node And Recurrent Breast Cancer (SNARB) study group, **Roumen, R.** Low Risk of Development of a Regional Recurrence After an Unsuccessful Repeat Sentinel Lymph Node Biopsy in Patients with Ipsilateral Breast Tumor Recurrence. *Ann Surg Oncol* 2019 Aug;26(8):2417-2427.

Poodt, I. G. M., Schipper, R. J., de Greef, B T A, Vugts, G., Maaskant-Braat*, A. J. G., Jansen, F. H., Wyndaele, D. N. J., Voogd, A. C., Nieuwenhuijzen, G. A. P., Sentinel Node And Recurrent Breast Cancer (SNARB) Research Group, **Roumen, R.** Screening for distant metastases in patients with ipsilateral breast tumor recurrence: the impact of different imaging modalities on distant recurrence-free interval. *Breast Cancer Res Treat* 2019;175(2):419-428.

Posthuma, J. J., Posma, J. J. N., Schep, G., **Bender, M. M. H.**, van Oerle, R., van der Wal, A C, Ten Cate, H., Spronk, H. M. H. Protease-activated receptors are potential regulators in the development of arterial endofibrosis in high-performance athletes. *J Vasc Surg* 2019;69(4):1243-1250.

Roebroek, Y. G. M., Talib, A., Muris, J. W. M., **van Dielen, F M H**, Bouvy, N. D., van Heurn, L W E. Hurdles to Take for Adequate Treatment of Morbidly Obese Children and Adolescents: Attitudes of General Practitioners Towards Conservative and Surgical Treatment of Paediatric Morbid Obesity. *World J Surg* 2019;43(4):1173-1181.

Samiei, S., van Nijnatten, T J A, van Beek, H. C, Polak, M. P. J, **Maaskant-Braat, A. J. G.**, Heuts, E. M., van Kuijk, S M J, Schipper, R. J., Lobbes, M. B. I., Smidt, M. L. Diagnostic performance of axillary ultrasound and standard breast MRI for differentiation between limited and advanced axillary nodal disease in clinically node-positive breast cancer patients. *Sci Rep* 2019;9(1):17476-0.

Scheltinga, M., van Eerten, P. Exercise-induced leg pain syndromes-German version : The need for a multidisciplinary point of view. *Unfallchirurg* 2019;122(11):832-833.

Seesing, M. F. J., van der Veen, A., Brenkman, H. J. F., Stockmann, H B A C, Nieuwenhuijzen, G. A. P., Rosman, C., van den Wildenberg, F J H, van Berge, H., van Duijvendijk, P., Wijnhoven, B. P. L., Stoot, J H M B, Lacle, M., Ruurda, J. P., van Hillegersberg, R., Baas, P. C., Boerma, D., de Steur, W. O., de Waard, J W D, Heisterkamp, J., van Hillo, M., Kouwenhoven, E. A., Liem, M. S. L., van der Peet, D L, Pierie, J P E N, Plukker, J. T. M., **Roumen, R. M. H**, Tetteroo, G. W. M., van Workum, F. Resection of hepatic and pulmonary metastasis from metastatic esophageal and gastric cancer: a nationwide study. *Dis Esophagus* 2019; Dec 31;32(12):doz034.

Seesing, M. F. J., van der Veen, A., Brenkman, H. J. F., Stockmann, H B A C, Nieuwenhuijzen, G. A. P., Rosman, C., van den Wildenberg, F J H, van Berge Henegouwen, M I, van Duijvendijk, P., Wijnhoven, B. P. L., Stoot, J H M B, Lacle, M., Ruurda, J. P., van Hillegersberg, R., Gastroesophageal Metastasectomy Group, **Roumen, R.**

Erratum: Resection of hepatic and pulmonary metastasis from metastatic esophageal and gastric cancer: a nationwide study. *Dis Esophagus* 2019;32(9):10.1093/doe/doz069.

Siawash, M., van Assen, T., Ten, W. T. A, **Jansen, L.**, van Heurn, E., **Roumen, R.**, **Scheltinga, M.** Abdominal Wall Pain or Irritable Bowel Syndrome: Validation of a Pediatric Questionnaire. *J Pediatr Gastroenterol Nutr* 2019 Sep;69(3):e65-e69.

Taverne, S. B., **Bonouvrie, D. S.**, **Uittenbogaart, M.**, **Luijten, A. A.**, Niemarkt, H. J., van Laar, J. O., **van Dielen, F. M.**, **Leclercq, W. K.** Guidelines Regarding Management of a Surgical Emergency During Pregnancy After Bariatric Surgery. *Obes Surg* 2019 Dec 17. doi: 10.1007/s11695-019-04325-1.

Thomas, G., Tahir, M. R., Bongers, B. C., Kallen, V. L., **Slooter, G. D.**, van Meeteren, N. L. Prehabilitation before major intra-abdominal cancer surgery: A systematic review of randomised controlled trials. *Eur J Anaesthesiol* 2019;36(12):933-945.

Thomas, G., van Heinsbergen, M., **van der Heijden, J.**, **Slooter, G.**, Konsten, J., **Maaskant, S.** Awareness and management of low anterior resection syndrome: A Dutch national survey among colorectal surgeons and specialized nurses. *Eur J Surg Oncol* 2019;45(2):174-179.

Uittenbogaart, M., **Leclercq, W. K. G.**, Smeele, P., van der Linden, A N, **Luijten, A A P M**, **van Dielen, F M H.** Reliability and usefulness of upper gastro intestinal contrast studies to assess pouch size in patients with weight loss failure after Roux-en-Y gastric bypass. *Acta Chir Belg* 2019;1-5.

Uittenbogaart, M., **Leclercq, W. K.**, **Bonouvrie, D.**, **Romeijn, M. M.**, **Luijten, A. A.**, Olde Damink, S. W., **van Dielen, F. M.**, Rensen, S. S. Diet-Induced Alteration of Microbiota and Development of Obesity, Nonalcoholic Fatty Liver Disease, and Diabetes: Study Protocol of a Prospective Study. *JMIR Res Protoc* 2019;8(6):e11553.

Vandamme, L. K. J., Wouters, P A A F, **Slooter, G. D.**, de Hingh, I H J T. Cancer Survival Data Representation for Improved Parametric and Dynamic Lifetime Analysis. *Healthcare (Basel)* 2019;7(4):10.3390/healthcare7040123.

van den Houten, M M L, Hageman, D., Gommans, L. N. M., Kleijnen, J., **Scheltinga, M. R. M.**, Teijink, J. A. W. The Effect of Supervised Exercise, Home Based Exercise and Endovascular Revascularisation on Physical Activity in Patients With Intermittent Claudication: A Network Meta-analysis. *Eur J Vasc Endovasc Surg* 2019 Sep;58(3):383-392.

van den Houten, M M, Jansen, S. C., Sinnige, A., van der Laan, L., Vriens, P. W., Willigendaal, E. M., Lardenoije, J. H., Elshof, J. M., van Hattum, E. S., Lijkwan, M. A., Nyklicek, I., Rouwet, E. V., Koelemay, M. J., **Scheltinga, M. R.**, Teijink, J. A. Protocol for a prospective, longitudinal cohort study on the effect of arterial disease level on the outcomes of supervised exercise in intermittent claudication: the ELECT Registry. *BMJ Open* 2019;9(2):e02541-025419.

van den Hoven, I, van Klaveren, D., Verheuvel, N. C., van la Parra, R F D, Voogd, A. C., de Roos, W. K., Bosscha, K., Heuts, E. M., Tjan-Heijnen, V. C. G., **Roumen, R. M. H.**, Steyerberg, E. W. Predicting the extent of nodal involvement for node positive breast cancer patients: Development and validation of a novel tool. *J Surg Oncol* 2019 Sep;120(4):578-586.

van der Heijden, J A G, van Heinsbergen, M., **Thomas, G.**, Caers, F., **Slooter, G. D.**, **Maaskant-Braat, A. J. G.** Implementation of a Postoperative Screening and Treatment Guidance for the Low Anterior Resection Syndrome: Preliminary Results. *Dis Colon Rectum* 2019 Sep;62(9):1033-1042.

van der Poel, M J, Fichtinger, R. S., Bemelmans, M., Bosscha, K., Braat, A. E., de Boer, M. T., Dejong, C. H. C., Doornbosch, P. G., Draisma, W. A., Gerhards, M. F., Gobardhan, P. D., Gorgec, B., Hagendoorn, J., Kazemier, G., Klaase, J., **Leclercq, W. K. G.**, Liem, M. S., Lips, D. J., Marsman, H. A., Mieog, J. S. D., Molenaar, Q. I., Nieuwenhuijs, V. B., Nota, C. L., Patijn, G. A., Rijken, A. M., **Slooter, G. D.**, Stommel, M. W. J., Swijnenburg, R. J., Tanis, P. J., Te Riele, W. W., Terkivatan, T., van den Tol, P M, van den Boezem, P B, van der Hoeven, J A, Vermaas, M., Hilal, M. A., van Dam, R. M., Besselink, M. G., Dutch Liver Collaborative Group. Implementation and outcome of minor and major minimally invasive liver surgery in the Netherlands. *HPB (Oxford)* 2019 Dec;21(12):1734-1743.

van Dijk, W, **van Eerten, P**, **Scheltinga, M.** Infrapatellar nerve damage : A neglected cause of severe localized leg pain-German version. *Unfallchirurg* 2019;122(11):860-863.

van Heinsbergen, M., den Haan, N., **Maaskant-Braat, A. J.**, Melenhorst, J., Belgers, E. H., Leijtens, J. W., Bloemen, J. G., Rutten, H. J., Bouvy, N. D., Janssen-Heijnen, M. L., Konsten, J. L. Functional bowel complaints and quality of life after surgery for colon cancer: prevalence and predictive factors. *Colorectal Dis* 2019 Aug 9. doi: 10.1111/codi.14818.

van Heinsbergen, M., Leijtens, J. W., **Slooter, G. D.**, Janssen-Heijnen, M. L., Konsten, J. L. Quality of Life and Bowel Dysfunction after Transanal Endoscopic Microsurgery for Rectal Cancer: One Third of Patients Experience Major Low Anterior Resection Syndrome. *Dig Surg* 2019:1-8.

van Rooijen, S.., Carli, F., Dalton, S., **Thomas, G.**, Bojesen, R., Le Guen, M., Barizien, N., Awasthi, R., Minnella, E., Beijer, S., Martinez-Palli, G., van Lieshout, R. *, Gogenur, I., Feo, C., Johansen, C., Scheede-Bergdahl, C., **Roumen, R.**, Schep, G., **Slooter, G.** Multimodal prehabilitation in colorectal cancer patients to improve functional capacity and reduce

postoperative complications: the first international randomized controlled trial for multimodal prehabilitation. BMC Cancer 2019;19(1):9-6.

van Rooijen, S. J., Molenaar, C. J. L., Schep, G., van Lieshout, R H M A, Beijer, S., Dubbers, R., Rademakers, N., Papen-Botterhuis, N. E, van Kempen, S., Carli, F., Roumen, R. M. H, Slooter, G. D. Making patients fit for surgery: introducing a four pillar multimodal prehabilitation program in colorectal cancer. Am J Phys Med Rehabil 2019 Oct;98(10):888-896.

van Zantvoort, A P M, Hundscheid, H. P. H., de Bruijn, J. A., Hoogeveen, A. R., Teijink, J. A. W., Scheltinga, M. R. M. Isolated Lateral Chronic Exertional Compartment Syndrome of the Leg: A New Entity? Orthop J Sports Med 2019;7(12):2325967119890105.

van Zantvoort, A. Setz, M, Hoogeveen, A, **van Eerten, P., Scheltinga, M.** Chronic lower leg pain: entrapment of common peroneal nerve or tibial nerve. Unfallchirurg 2019 Apr 16. doi: 10.1007/s00113-019-0645-5.

van Zantvoort, A., Setz, M., Hoogeveen, A., **van Eerten, P., Scheltinga, M.** Chronic lower leg pain: entrapment of common peroneal nerve or tibial nerve-German version. Unfallchirurg 2019;122(11):854-859.

Veerman, M. M., van der Woude, L A, Tellier, M. A., Legemaate, J., **Scheltinga, M. R**, Stassen, L. P. S., **Leclercq, W. K. G.** A decade of litigation regarding surgical informed consent in the Netherlands. Patient Educ Couns 2018 Feb;102(2):340-345.

Winkes, M., van Eerten, P., Scheltinga, M. Deep posterior chronic exertional compartment syndrome as a cause of leg pain. Unfallchirurg 2019 May 16. doi: 10.1007/s00113-019-0665-1.

Winkes, M., van Eerten, P., Scheltinga, M. Deep posterior chronic exertional compartment syndrome as a cause of leg pain-German version. Unfallchirurg 2019;122(11):834-839.

Zwaans, W. A, Scheltinga, M. R, Roumen, R. M. Symptomatic attachment of appendix vermiciformis following a plug inguinal hernia repair. BMJ Case Rep 2019;12(9):10.1136/bcr-220408.

Promoties

Robert Maatman

Anterior Cutaneous Nerve Entrapment Syndrome (ACNES): An analysis of various subtypes and alternative treatment modalities.

Maastricht: Universiteit Maastricht; 19 februari 2019

Stef Smeets

Perioperative care for hip fracture patients

Maastricht: Universiteit Maastricht; 11 oktober 2019

DERMATOLOGIE

van der Schoot, L S, van den Reek, J M P A, Groenewoud, J. M. M., Otero, M. E., Njoo, M. D., Ossenkoppele, P. M., Mommers, J. M., Koetsier, M. I. A., Berends, M. A. M., Arnold, W. P., Peters, B., Andriessen, M. P. M., Den Hengst, C. W., **Kuijpers, A. L. A.**, de Jong, E M G J. Female patients are less satisfied with biological treatment for psoriasis and experience more side effects than male patients. Results from the prospective BioCAPTURE registry. *J Eur Acad Dermatol Venereol* 2019 Jun 8

GYNAECOLOGIE EN VERLOSKUNDE

Beelen P, Reinders IMA, Scheepers WFW, Herman MC, **Geomini PMAJ**, van Kuijk SMJ, **Bongers MY**. Prognostic Factors for the Failure of Endometrial Ablation: A Systematic Review and Meta-analysis. *Obstet Gynecol*. 2019 Dec;134(6):1269-1281.

Boekhorst, M G B M, Beerthuizen, A., Endendijk, J. J., van Broekhoven, K E M, van Baar, A., Bergink, V., Pop, V. J. M. Different trajectories of depressive symptoms during pregnancy. *J Affect Disord* 2019;248:139-146.

Boekhorst, M G B M, Beerthuizen, A., Van Son, M., Bergink, V., Pop, V. J. M. Psychometric aspects of the Tilburg Pregnancy Distress Scale: data from the HAPPY study. *Arch Womens Ment Health* 2019

Boersen, Z., Aalders, C. I. M., Klinkert, E. R., **Marinus Maas, J. W.**, Nap, A. W. Vaginal Cuff Dehiscence After Endometriosis Surgery. *JSLS* 2019;23(3):10.4293/JSLS.2019.00018.

Bongers M, Quinn SD, Mueller MD, Krämer B, Tuschy B, Sütterlin M, Bassil Lasmar R, Chudnoff S, Therkow A, De Wilde RL. Evaluation of uterine patency following transcervical uterine fibroid ablation with the Sonata system (the OPEN clinical trial). *Eur J Obstet Gynecol Reprod Biol*. 2019 Nov;242:122-125.

Bullens, L. M., Smith, J. S., Truijens, S. E. M., van der Hout-van der Jagt, M B, van Runnard Heimel, P J, Oei, S. G. Maternal hemoglobin level and its relation to fetal distress, mode of delivery, and short-term neonatal outcome: a retrospective cohort study. *J Matern Fetal Neonatal Med* 2019;1-7.

Cronie D, Perdok H, **Verhoeven C**, et al. Are midwives in the Netherlands satisfied with their jobs? A systematic examination of satisfaction levels among hospital and primary-care midwives in the Netherlands. *BMC Health Serv Res*. 2019;19(1):832.

Danhof, N. A., van Eekelen, R., Repping, S., Mol, B. W. J., van der Veen, F., van Wely, M., Mochtar, M. H., **Koks, C.** SUPER Study group. Follicle stimulating hormone or clomiphene citrate in intrauterine insemination with ovarian stimulation for unexplained subfertility: a role for treatment selection markers? *Reprod Biomed Online* 2019;38(6):938-942.

de Milliano, I., Huirne, J. A. F., Thurkow, A. L., Radder, C., **Bongers, M. Y.**, van Vliet, H., van de Lande, J., van de Ven, P M, Hehenkamp, W. J. K. Ulipristal acetate vs gonadotropin-releasing hormone agonists prior to laparoscopic myomectomy (MYOMEX trial): short term results of a double blind randomised controlled trial. *Acta Obstet Gynecol Scand* 2019

de Wit, L., Rademaker, D., Voormolen, D. N., Akerboom, B. M. C., Kiewiet-Kemper, R. M., Soeters, M. R., Verwij-Didden, M. A. L., Assouiki, F., Schippers, D. H., Vermeulen, M. A. R., Kuppens, S. M. I., Oosterwerff, M. M., Zwart, J. J., Diekman, M. J. M., Vogelvang, T. E., Gallas, P. R. J., Galjaard, S., Visser, W., Horree, N., Klooker, T. K., Laan, R., Heijligenberg, R., Huisjes, A. J. M., van Bemmel, T., van Meir, C. A., van den Beld, A W, Hermes, W., Vidarsdottir, S., Veldhuis-Vlug, A. G., Dullemond, R. C., Jansen, H. J., Sueters, M., de Koning, E J P, **van Laar, J O E H**, Wouters-van Poppel, P., Sanson-van Praag, M. E., van den Akker, E S, Brouwer, C. B., Hermsen, B. B., Potter van Loon, B J, van der Heijden, O W H, de Galan, B. E., van Leeuwen, M., Wijbenga, J. A. M., de Boer, K., van Bon, A. C., van der Made, F W, Eskes, S. A., Zandstra, M., van Houtum, W. H., Braams-Lisman, B. A. M., Daemen-Gubbels, C R G M, Wouters, M G A J, IJzerman, R. G., Mensing van Charante, N A, Zwertbroek, R., Bosmans, J. E., Evers, I. M., Mol, B. W., de Valk, H. W., Groenendaal, F., Naaktgeboren, C. A., Painter, R. C., deVries, J. H., Franx, A., van Rijn, B. B. SUGAR-DIP trial: oral medication strategy versus insulin for diabetes in pregnancy, study protocol for a multicentre, open-label, non-inferiority, randomised controlled trial. *BMJ Open* 2019;9(8):e02980-029808.

Delhaas, T., Andriessen, P., **van Laar, J. O**, Vullings, R., Hermans, B. J., Niemarkt, H. J., Jellema, R. K., Ophelders, D. R., Wolfs, T. G., Kramer, B. W., Zwanenburg, A. Why -aVF can be used in STAN as a proxy for scalp electrode-derived signal; reply to comments by Kjellmer et al. *PLoS One* 2019;14(8):e0221220.

Geurtzen, R., van Heijst, A F J, Draaisma, J. M. T., Kuijpers, L J M K, Woiski, M., Scheepers, H. C. J., van Kaam, A. H., Oudijk, M. A., Lafeber, H. N., Bax, C. J., Koper, J. F., Duin, L. K., van der Hoeven, M A, Kornelisse, R. F., Duvekot, J. J., Andriessen, P., **van Runnard Heimel, P J**, van der Heide-Jalving, M., Bekker, M. N., Mulder-de Tollenaer, S. M., van Eyck, J., Eshuis-Peters, E., Graatsma, M., Hermens, R P M G, Hogeveen, M. Development of Nationwide Recommendations to Support Prenatal Counseling in Extreme Prematurity. *Pediatrics* 2019;143(6):10. 1542/peds.2018-3253.

Hamelmann, P., Mischi, M., Kolen, A. F., **van Laar, J O E H**, Vullings, R., Bergmans, J. W. M. Fetal Heart Rate Monitoring Implemented by Dynamic Adaptation of Transmission Power of a Flexible Ultrasound Transducer Array. *Sensors (Basel)* 2019;19(5):10.3390/s19051195.

Hermans, B. C. M, Zanders, M. M, **van Oostrum, N H M**, Kuijper, P. H. M, Nieuwenhuizen, L.Successful treatment of aplastic anaemia with cyclosporine during pregnancy. *Neth J Med* 2019;77(3):126-127.

Huisman, C. M. A., Ten Eikelder, M L G, Mast, K., Oude Rengerink, K., Jozwiak, M., van Dunne, F., Duvekot, J. J., van Eyck, J., Gaugler-Senden, I., de Groot, C J M, Franssen, M. T. M., van Gemund, N., Langenveld, J., de Leeuw, J. W., Oude Lohuis, E. J., Oudijk, M. A., Papatsonis, D., van Pampus, M., **Porath, M.**, Rombout-de Weerd, S., van Roosmalen, J. J., van der Salm, P C M, Scheepers, H. C. J., Sikkema, M. J., Sporken, J., Stigter, R. H., van Wijngaarden, W. J., Woiski, M., Mol, B. W. J., Bloemenkamp, K. W. M., PROBAAT-S project

group. Balloon catheter for induction of labor in women with one previous cesarean and an unfavorable cervix. *Acta Obstet Gynecol Scand* 2019

Hulsenboom, A. D. J, Verdurmen, K. M. J, Vullings, R., van der Hout-van der Jagt, M B, Kwee, A., van Laar, J O E H, Oei, S. G. Relative versus absolute rises in T/QRS ratio by ST analysis of fetal electrocardiograms in labour: A case-control pilot study. *PLoS One* 2019;14(3):e0214357.

Hulsenboom ADJ, Warmerdam GJJ, Weijers J, Blijham PJ, Oei SG, van Laar JOEH, Vullings R, Delhaas T. Head orientation and electrode placement potentially influence fetal scalp ECG waveform. *PLoS One*. 2019 Oct 10;14(10):e0223282. doi: 10.1371/journal.pone.0223282. eCollection 2019.

Leclercq, W. K, Uittenbogaart, M. , Niemarkt, H. J, **van Laar, J. O.** Pregnant patient with acute abdominal pain and previous bariatric surgery. *BMJ Case Rep* 2019;12(8):10.1136/bcr-228962.

Leijdekkers, J. A., van Tilborg, T. C., Torrance, H. L., Oudshoorn, S. C., Brinkhuis, E. A., **Koks, C. A. M**, Lambalk, C. B., de Bruin, J. P., Fleischer, K., Mochtar, M. H., Kuchenbecker, W. K. H., Laven, J. S. E., Mol, B. W. J., Broekmans, F. J. M., Eijkemans, M. J. C., OPTIMIST study group. Do female age and body weight modify the effect of individualized FSH dosing in IVF/ICSI treatment? A secondary analysis of the OPTIMIST trial. *Acta Obstet Gynecol Scand* 2019

Logtenberg, S. L. M., Vink, M. L., Godfried, M. B., Beenakkers, I. C. M., Schellevis, F. G., Mol, B. W., **Verhoeven, C. J***. Serious adverse events attributed to remifentanil patient-controlled analgesia during labour in The Netherlands. *Int J Obstet Anesth* 2019;39:22-28.

Logtenberg, S., Mol, B. W., **Verhoeven, C.** Pain relief during labour. *Lancet* 2019 Aug 17;394(10198): e13

Maassen LW, van Gastel DM, Haveman I, **Bongers MY**, Veersema S. Removal of Essure Sterilization Devices: A Retrospective Cohort Study in the Netherlands. *J Minim Invasive Gynecol*. 2019 Sep - Oct;26(6):1056-1062.

Nijman, T., van Baaren, G. J., van Vliet, E., Kok, M., Gyselaers, W., **Porath, M. M**, Woiski, M., de Boer, M. A., Bloemenkamp, K., Sueters, M., Franx, A., Mol, B., Oudijk, M. A. Cost effectiveness of nifedipine compared with atosiban in the treatment of threatened preterm birth (APOSTEL III trial). *BJOG* 2019;126(7):875-883.

Noben, L., Clur, S. A., van Laar, J. O, Vullings, R. Prenatal diagnosis of a bundle branch block based on the fetal ECG. *BMJ Case Rep* 2019;12(7):10.1136/bcr-229998.

Noben, L., Verdurmen, K. M. J, Warmerdam, G. J. J., Vullings, R., Oei, S. G, van Laar, J O E H. The fetal electrocardiogram to detect the effects of betamethasone on fetal heart rate variability. *Early Hum Dev* 2019;130:57-64.

Noben, L., Goossens, S M T A, Truijens, S. E. M., van Berckel, M M G, Perquin, C. W., Slooter, G. D., van Rooijen, S. J. A Virtual Reality Video to Improve Information Provision and Reduce

Anxiety Before Cesarean Delivery: Randomized Controlled Trial. JMIR Ment Health 2019;6(12):e15872.

Potharst, E. S., Boekhorst, M G B M, Cuijlits, I., **van Broekhoven, K E M**, Jacobs, A., Spek, V., Nyklicek, I., Bogels, S. M., Pop, V. J. M. A Randomized Control Trial Evaluating an Online Mindful Parenting Training for Mothers With Elevated Parental Stress. Front Psychol 2019;10:1550.

Reijnen, C., Visser, N. C., Kasius, J. C., Boll, D., **Geomini, P. M**, Ngo, H., Van Hamont, D., Pijlman, B. M., Vos, M. C., Bulten, J., Snijders, M. P., Massuger, L. F., Pijnenborg, J. M. Improved preoperative risk stratification with CA-125 in low-grade endometrial cancer: a multicenter prospective cohort study. J Gynecol Oncol 2019;30(5):e70.

Roest, I. , Buisman, E T I A, van der Steeg, J W, **Koks, C. A. M.** Different methods of pain relief for IVF and ICSI oocyte retrieval - A Dutch survey. Eur J Obstet Gynecol Reprod Biol X 2019;4:100065.

Rovers JFJ, Thomissen IJC, Janssen LCE, Lingius S, Wieland BV, Dieleman JP, Niemarkt HJ, van **Runnard Heimel PJ**. The relationship between antenatal indomethacin as a tocolytic drug and neonatal outcomes: a retrospective cohort study. J Matern Fetal Neonatal Med. 2019 Oct 9:1-7.

Schaffrath SFG, Dreessen JRJ, **Bongers MY**, van Kuijk SMJ, Mol BWJ, Langenveld J. Recurrence and prediction of abnormal uterine bleeding and re-intervention after initial hysteroscopic treatment: a retrospective cohort study. Arch Gynecol Obstet. 2019;300(6):1651-1657.

Schoep, M. E., Adang, E. M. M., **Maas, J. W. M**, De Bie, B., Aarts, J. W. M., Nieboer, T. E. Productivity loss due to menstruation-related symptoms: a nationwide cross-sectional survey among 32 748 women. BMJ Open 2019;9(6):e02618-026186.

Schulten SFM, Enklaar RA, Kluivers KB, **van Leijsen SAL**, Jansen-van der Weide MC, Adang EMM, van Bavel J, van Dongen H, Gerritse MBE, van Gestel I, Malmberg GGA, Mouw RJC, van Rumpt-van de Geest DA, Spaans WA, van der Steen A, Stekelenburg J, Tiersma ESM, Verkleij-Hagoort AC, Vollebregt A, Wingen CBM, Weemhoff M, van Eijndhoven HWF. Evaluation of two vaginal, uterus sparing operations for pelvic organ prolapse: modified Manchester operation (MM) and sacrospinous hysteropexy (SSH), a study protocol for a multicentre randomized non-inferiority trial (the SAM study. BMC Womens Health. 2019 Apr 2;19(1):49.

Seijmonsbergen-Schermers AE, Zondag DC, Nieuwenhuijze M, van den Akker T, **Verhoeven CJ**, Geerts CC, Schellevis FG, de Jonge A. Regional variations in childbirth interventions and their correlations with adverse outcomes, birthplace and care provider: A nationwide explorative study. PLoS One. 2020 Mar 5;15(3):e0229488.

Steenbeek, M. P., van Lieshout, L. A., Aarts, J. W., Piek, J. M., **Coppus, S. F**, Massuger, L. F., Hermens, R. P., de Hullu, J. A. Factors influencing decision-making around opportunistic salpingectomy: a nationwide survey. J Gynecol Oncol 2018

Stegwee, S. I., Jordans, I. P. M., van der Voet, L F, **Bongers, M. Y**, de Groot, C J M, Lambalk, C. B., de Leeuw, R. A., Hehenkamp, W. J. K., van de Ven, P M, Bosmans, J. E., Pajkrt, E., Bakkum, E. A., Radder, C. M., Hemelaar, M., van Baal, W. M., Visser, H., van Laar, J O E H*, van Vliet, H A A M, Rijnders, R. J. P., Sueters, M., Janssen, C. A. H., Hermes, W., Feitsma, A. H., Kapiteijn, K., Scheepers, H. C. J., Langenveld, J., de Boer, K., Coppus, S F P J, Schippers, D. H., Oei, A. L. M., Kaplan, M., Papatsonis, D. N. M., de Vleeschouwer, L H M, van Beek, E., Bekker, M. N., Huisjes, A. J. M., Meijer, W. J., Deurloo, K. L., Boormans, E. M. A., van Eijndhoven, H W F, Huirne, J. A. F. Single- versus double-layer closure of the caesarean (uterine) scar in the prevention of gynaecological symptoms in relation to niche development - the 2Close study: a multicentre randomised controlled trial. *BMC Pregnancy Childbirth* 2019;19(1):8-y.

Taverne, S. B., Bonouvrie, D. S., Uittenbogaart, M., Luijten, A. A., Niemarkt, H. J., **van Laar, J. O.**, van Dielen, F. M., Leclercq, W. K. Guidelines Regarding Management of a Surgical Emergency During Pregnancy After Bariatric Surgery. *Obes Surg* 2019 Dec 17. doi: 10.1007/s11695-019-04325-1.

Tros, R., van Kessel, M. A., van Kuijk, S M J, Oosterhuis, G. J. E., Kuchenbecker, W. K. H., Kwee, J., **Bongers, M. Y**, Mol, B. W. J., **Koks, C. A. M.** The capacity of transvaginal hydrolaparoscopy versus hysterosalpingography to diagnose tubal pathology in the work-up of subfertile women, a randomised clinical trial. *Eur J Obstet Gynecol Reprod Biol* 2019;236:127-132.

Tros R, van Kessel M, Oosterhuis J, Kuchenbecker W, **Bongers M**, Mol BW, **Koks C**. Transvaginal hydrolaparoscopy and laparoscopy. *Reprod Biomed Online*. 2020 Jan;40(1):105-112.

van den Berg, J., Hamel, C. C., **Coppus, S. F**, Snijders, M. P., Vandenbussche, F. P. Current and future expectations of mifepristone treatment in early pregnancy failure: a survey among Dutch gynaecologists. *J Obstet Gynaecol* 2019;1:6.

van der Meulen, J F, **Bongers, M. Y**, **Coppus, S F P ***, Bosmans, J. E., Maessen, J. M. C., Oude Rengerink, K., Overdijk, L. E., Radder, C. M., van der Voet, L F, Smeets, N. A. C., van Vliet, H A A M, Hehenkamp, W. J. K., Manger, A. P., Spaans, W. A., Bakkum, E. A., Horree, N., Briet, J. M., van der Steeg, J W, Kok, H. S. The (cost) effectiveness of procedural sedation and analgesia versus general anaesthesia for hysteroscopic myomectomy, a multicentre randomised controlled trial: PROSECCO trial, a study protocol. *BMC Womens Health* 2019;19(1):4-1.

van der Pijl, M S G, Tiel Groenestege, E. Q., **Verhoeven, C. J. M.** Experiences and views of midwives performing antenatal cardiotocography in Dutch primary care: A qualitative study. *Midwifery* 2019;72:60-66.

van Kempen, L E M, van Teeffelen, A. S., de Ruigh, A. A., Oepkes, D., Haak, M. C., van Leeuwen, E., Woiski, M., **Porath, M. M**, Bax, C. J., van Wassenaer-Leemhuis, A. G., Mulder, A. L., van der Ham, D P, Willekes, C., Franssen, M. T., Derkx, J. B., Schuit, E., Mol, B. W., Pajkrt, E. Amnioinfusion Compared With No Intervention in Women With Second-Trimester Rupture of Membranes: A Randomized Controlled Trial. *Obstet Gynecol* 2019;133(1):129-136.

van Lieshout, L C E W, Koek, G. H., Spaandermaan, M. A., **van Runnard Heimel, P J**. Placenta derived factors involved in the pathogenesis of the liver in the syndrome of haemolysis, elevated liver enzymes and low platelets (HELLP): A review. *Pregnancy Hypertens* 2019;18:42-48.

van Oostrum NHM, Oei SG, van Laar JOEH.

Normal fetal cardiac deformation values in pregnancy; a prospective cohort study protocol. *BMC Pregnancy Childbirth*. 2019 Dec 27;19(1):524.

van Tetering, A. A. C., Wijsman, J. L. P., Truijens, S. E. M., **Fransen, A. F., van der Hout-van der Jagt, M. B., Oei, S. G.** Comparison of the psychological and physiological effects on students of a video-assisted or text introduction to a simulated task. *BMJ Simulation and Technology Enhanced Learning*. 2019;5(2):96-101

van Wyk, L., Boers, K. E., van Wassenaer-Leemhuis, A. G., van der Post, J A M, Bremer, H. A., Delemarre, F. M. C., Gordijn, S. J., Bloemenkamp, K. W. M., Roumen, F J M E, **Porath, M..**, van Lith, J M M, Mol, B. W. J., le Cessie, S., Scherjon, S. A., DIGITAT study group. Postnatal Catch-Up Growth After Suspected Fetal Growth Restriction at Term. *Front Endocrinol (Lausanne)* 2019;10:274.

Verhoeven, C. J, Spence, D., Nyman, V., Otten, R. H. J., Healy, M. How do midwives facilitate women to give birth during physiological second stage of labour? A protocol for a systematic review. *Syst Rev* 2019;8(1):1.

Vroom, A. J, Timmermans, A., **Bongers, M. Y**, van den Heuvel, E., **Geomini, P M A J**, van Hanegem, N. Diagnostic accuracy of saline contrast sonohysterography to detect endometrial polyps in women with postmenopausal bleeding: a systematic review and meta-analysis. *Ultrasound Obstet Gynecol* 2019; Jul;54(1):28-34

INTERNE GENEESKUNDE

Atiq, F., Mauser-Bunschoten, E. P., Eikenboom, J., van Galen, K P M, Meijer, K., de Meris, J., Cnossen, M. H., Beckers, E. A. M., Laros-van Gorkom, B A P, **Nieuwenhuizen, L..**, van der Bom, J G, Fijnvandraat, K., Leebeek, F. W. G., WiN study group. Sports participation and physical activity in patients with von Willebrand disease. *Haemophilia* 2019;25(1):101-108.

Berruti, A., Libe, R., Lagana, M., Ettaieb, H., Sukkari, M. A., Bertherat, J., Feelders, R. A., Grisanti, S., Cartry, J., Mazziotti, G., Sigala, S., Baudin, E., **Haak, H.**, Habra, M. A., Terzolo, M. Morbidity and mortality of bone metastases in advanced adrenocortical carcinoma: a multicenter retrospective study. *Eur J Endocrinol* 2019;180(5):311-320.

Bonhof, C. S., van de Poll-Franse, L V, Vissers, P. A. J., Wasowicz, D. K., Wegdam, J. A., Revesz, D., **Vreugdenhil, G..**, Mols, F. Anxiety and Depression Mediate the Association Between Chemotherapy-Induced Peripheral Neuropathy And Fatigue: Results From The Population-Based PROFILES Registry. *Psychooncology* 2019

Brouns, S. H. A, Mignot-Evers, L., Derkx, F., **Lambooij, S. L**, Dieleman, J. P., **Haak, H. R.**
Performance of the Manchester triage system in older emergency department patients: a retrospective cohort study. *BMC Emerg Med* 2019;19(1):y.

Chamuleau, M. E. D., Burggraaff, C. N., Nijland, M., Bakunina, K., Mous, R., Lugtenburg, P. J., Dierickx, D., van Imhoff, G. W., Vermaat, J. S. P., Marijt, E. A. F., Visser, O., Mandigers, C., Bilgin, Y. M., Beeker, A., Durian, M. F., van Rees, B., Bohmer, L. H., **Tick, L. W**, Boersma, R. S., Snijders, T. J. F., Schouten, H. C., Koene, H. R., de Jongh, E., Hijmeling, N., Diepstra, A., van den Berg, A., Arens, A. I. J., Huijbregts, J., Hoekstra, O., Zijlstra, J. M., de Jong, D., Kersten, M. J. Treatment of patients with MYC rearrangement positive large B-cell lymphoma with R-CHOP plus lenalidomide: results of a multicenter HOVON phase II trial. *Haematologica* 2019

Corten, B J G A, Leclercq, W. K. G, **Dercksen, M. W**, van den Broek, W T, van Zwam, P. H., Dejong, C. H., Slooter, G. D*. Paraganglion, a pitfall in diagnosis after regular cholecystectomy. *Int J Surg Case Rep* 2019;65:205-208.

de Groot, S., Pijl, H., Charehbili, A., van de Ven, S., Smit, V T H B M, Meershoek-Klein Kranenborg, E., Heijns, J. B., van Warmerdam, L J C, Kessels, L. W., **Dercksen, M. W**, Pepels, M J A E, van Laarhoven, H W M, Vriens, B E P J, Putter, H., Fiocco, M., Liefers, G. J., van der Hoeven, J J M, Nortier, J. W. R., Kroep, J. R., Dutch Breast Cancer Research Group. Addition of zoledronic acid to neoadjuvant chemotherapy is not beneficial in patients with HER2-negative stage II/III breast cancer: 5-year survival analysis of the NEOZOTAC trial (BOOG 2010-01). *Breast Cancer Res* 2019;21(1):9-6.

de Wit, L., Rademaker, D., Voormolen, D. N., Akerboom, B. M. C., Kiewiet-Kemper, R. M., Soeters, M. R., Verwij-Didden, M. A. L., Assouiki, F., Schippers, D. H., Vermeulen, M. A. R., Kuppens, S. M. I., Oosterwerff, M. M., Zwart, J. J., Diekman, M. J. M., Vogelvang, T. E., Gallas, P. R. J., Galjaard, S., Visser, W., Horree, N., Klooker, T. K., Laan, R., Heijligenberg, R., Huisjes, A. J. M., van Bemmel, T., van Meir, C. A., van den Beld, A W, Hermes, W., Vidarsdottir, S., Veldhuis-Vlug, A. G., Dullemond, R. C., Jansen, H. J., Sueters, M., de Koning, E J P, van Laar, J O E H, **Wouters-van Poppel, P.**, Sanson-van Praag, M. E., van den Akker, E S, Brouwer, C. B., Hermsen, B. B., Potter van Loon, B J, van der Heijden, O W H, de Galan, B. E., van Leeuwen, M., Wijbenga, J. A. M., de Boer, K., van Bon, A. C., van der Made, F W, Eskes, S. A., Zandstra, M., van Houtum, W. H., Braams-Lisman, B. A. M., Daemen-Gubbels, C R G M, Wouters, M G A J, IJzerman, R. G., Mensing van Charante, N A, Zwertbroek, R., Bosmans, J. E., Evers, I. M., Mol, B. W., de Valk, H. W., Groenendaal, F., Naaktgeboren, C. A., Painter, R. C., deVries, J. H., Franx, A., van Rijn, B. B. SUGAR-DIP trial: oral medication strategy versus insulin for diabetes in pregnancy, study protocol for a multicentre, open-label, non-inferiority, randomised controlled trial. *BMJ Open* 2019;9(8):e029808-029808.

Ende-Verhaar, Y. M., **Tick, L. W.**, Klok, F. A., Huisman, M. V., Rosendaal, F. R., le Cessie, S., Cannegieter, S. C. Post-thrombotic syndrome: Short and long-term incidence and risk factors. *Thromb Res* 2019;177:102-109.

Fuchs, C., Celik, B., **Brouns, S. H. A**, Kaymak, U., **Haak, H. R.** No age thresholds in the emergency department: A retrospective cohort study on age differences. *PLoS One* 2019;14(1):e0210743.

Hakvoort, L., Derkx, C., van Mersbergen, M., van den Elsen, M., Dikken, J., RENursE Consortium. RENursE Consortium stimuleert verpleegkundig onderzoek . Verpleegkunde 2019(1):4-5.

Heijmans, R., Singh, S. S., **Lieverse, A. G.**, Sijbrands, E. J. G., van Hoek, M. The effect of guideline revisions on vascular complications of type 2 diabetes. Ther Adv Endocrinol Metab 2019 Sep 27;10:2042018819875408

Hermans, B. C. M, **Zanders, M. M**, van Oostrum, N H M, Kuijper, P. H. M, **Nieuwenhuizen, L.** Successful treatment of aplastic anaemia with cyclosporine during pregnancy. Neth J Med 2019;77(3):126-127.

Jochems, A., van der Kooij, M K, Fiocco, M., Schouwenburg, M. G., Aarts, M. J., van Akkooi, A. C., van den Berkmortel, F W P J, Blank, C. U., van den Eertwagh, A J M, Franken, M. G., de Groot, J. B., Haanen, J B A G, Hospers, G. A. P., Koornstra, R. H., Kruit, W. H. J., Louwman, M., Piersma, D., van Rijn, R. S., Suijkerbuijk, K. P. M., Ten Tije, A. J., **Vreugdenhil, G.**, Wouters, M W J M, van Zeijl, M C T, van der Hoeven, K J M, Kapiteijn, E. Metastatic Uveal Melanoma: Treatment Strategies and Survival-Results from the Dutch Melanoma Treatment Registry. Cancers (Basel) 2019;11(7):10.3390/cancers11071007.

Keikes, L., de Vos-Geelen, J., de Groot, J W B, Punt, C. J. A., **Simkens, L. H. J**, Trajkovic-Vidakovic, M., Portielje, J. E. A., Vos, A. H., Beerepoot, L. V., Hunting, C. B., Koopman, M., van Oijen, M G H. Implementation, participation and satisfaction rates of a web-based decision support tool for patients with metastatic colorectal cancer. Patient Educ Couns 2019

Knapen, L. M., Geurts, S. M. E., Ibragimova, K. I. E., Croes, S., Vriens, B E P J, van den Berkmortel, F W P J, **Dercksen, M. W**, van de Wouw, A J, Pepels, M J A E, de Fallois, A O J, Lobbezoo, D. J. A., de Boer, M., Tjan-Heijnen, V. C. G. A real-life study on the implementation and effectiveness of exemestane plus everolimus per hospital type in patients with advanced breast cancer. A study of the Southeast Netherlands Advanced Breast Cancer registry. Breast 2019;44:46-51.

Kremers, M. N. T, Nanayakkara, P. W. B., Levi, M., Bell, D., **Haak, H. R.** Strengths and weaknesses of the acute care systems in the United Kingdom and the Netherlands: what can we learn from each other? BMC Emerg Med 2019;19(1):4-y.

Kremers, M. N. T., Zaalberg, T., van den Ende, E S, van Beneden, M., Holleman, F., Nanayakkara, P. W. B., **Haak, H. R.** Patient's perspective on improving the quality of acute medical care: determining patient reported outcomes. BMJ Open Qual 2019;8(3):e000736-000736

Kurk, S., Peeters, P., Stellato, R., Dorresteijn, B., de Jong, P., Jourdan, M., Creemers, G. J., Erdkamp, F., de Jongh, F., Kint, P., **Simkens L.**, Tanis, B., Tjin-A-Ton, M., Van Der Velden, A., Punt, C., Koopman, M., May, A. Skeletal muscle mass loss and dose-limiting toxicities in metastatic colorectal cancer patients. J Cachexia Sarcopenia Muscle 2019

Kwakman, J. J. M., van Werkhoven, E., **Simkens, L. H. J**, van Rooijen, J. M., van de Wouw, Y A J, Tije, A. J. T., Creemers, G. M., Hendriks, M. P., Los, M., van Alphen, R. J., Polee, M. B.,

Muller, E. W., van der Velden, A M T, van Voorthuizen, T., Koopman, M., Mol, L., Punt, C. J. A. Updated Survival Analysis of the Randomized Phase III Trial of S-1 Versus Capecitabine in the First-Line Treatment of Metastatic Colorectal Cancer by the Dutch Colorectal Cancer Group. *Clin Colorectal Cancer* 2019;Jun;18(2):e229-e230.

Minnema, M. C., Nasserinejad, K., Hazenberg, B., Hegenbart, U., Vlummens, P., Ypma, P. F., Kroger, N., Wu, K. L., Kersten, M. J., Schaafsma, M. R., Croockewit, S., de Waal, E., Zweegman, S., **Tick, L.**, Broijl, A., Koene, H., Bos, G., Sonneveld, P., Schonland, S. Bortezomib based induction followed by stem cell transplantation in light chain amyloidosis: results of the multicenter HOVON 104 trial. *Haematologica* 2019;Nov;104(11):2274-2282.

Moafa, H. N., Kuijk, S M J V, Franssen, G H L M, Moukhyer, M. E., **Haak, H. R.** What is known about the quality of out-of-hospital emergency medical services in the Arabian Gulf States? A systematic review. *PLoS One* 2019;14(12):e0226230.

Osinski, Aart, Vreugdenhil, Gerard. Cancer Patient Characteristics Related to Prognosis in Patients with Metastatic Cancer Admitted to Intensive Care: The Importance of Advance Care Planning and Shared Decision Making. *J Palliat Med* 2018;21(12):1681-1682.

Poodt, I. G. M., Schipper, R. J., de Greef, B T A, Vugts, G., **Maaskant-Braat, A. J. G.**, Jansen, F. H., Wyndaele, D. N. J., Voogd, A. C., Nieuwenhuijzen, G. A. P., Sentinel Node And Recurrent Breast Cancer (SNARB) Research Group. Screening for distant metastases in patients with ipsilateral breast tumor recurrence: the impact of different imaging modalities on distant recurrence-free interval. *Breast Cancer Res Treat* 2019; Jun;175(2):419-428.

Schouwenburg, M. G., Suijkerbuijk, K. P. M., Koornstra, R. H. T., Jochems, A., van Zeijl, M C T, van den Eertwegh, A J M, Haanen, J B A G, Aarts, M. J., Akkooi, A C J V, Berkmortel, F W P J V D, Groot, J. W. B., Hospers, G. A. P., Kapiteijn, E., Kruit, W. H., Piersma, D., van Rijn, R. S., Ten Tije, A. J., **Vreugdenhil, G.**, Hoeven, J J M V, Wouters, M W J M. Switching to Immune Checkpoint Inhibitors upon Response to Targeted Therapy; The Road to Long-Term Survival in Advanced Melanoma Patients with Highly Elevated Serum LDH? *Cancers (Basel)* 2019;11(12):10.3390/cancers11121940.

Siebert, C., Ciato, D., Murakami, M., Frei-Stuber, L., Perez-Rivas, L. G., Monteserin-Garcia, J. L., Nolting, S., Maurer, J., Feuchtinger, A., Walch, A. K., **Haak, H. R.**, Bertherat, J., Mannelli, M., Fassnacht, M., Korpershoek, E., Reincke, M., Stalla, G. K., Hantel, C., Beuschlein, F. Heat Shock Protein 90 as a Prognostic Marker and Therapeutic Target for Adrenocortical Carcinoma. *Front Endocrinol (Lausanne)* 2019;10:487.

Steenaard, R. V, Michon, L. A, **Haak, H. R.** Health-Related Quality of Life in Adrenocortical Carcinoma. *Cancers (Basel)* 2019;11(10):10.3390/cancers11101500.

Stelten, B. M. L., Huidekoper, H. H., van de Warrenburg, B P C, Brilstra, E. H., Hollak, C. E. M., **Haak, H. R.**, Kluijtmans, L. A. J., Wevers, R. A., Verrrips, A. Long-term treatment effect in cerebrotendinous xanthomatosis depends on age at treatment start. *Neurology* 2019;92(2):e83-e95.

van Halteren, H. K., **Vreugdenhil, G.** Age Adjusted Charlson Comorbidity Index Strongly Influences Survival, Irrespective of Performance Status and Age, in Patients With Advanced Prostatic Cancer Treated With Enzalutamide. *Anticancer Res* 2019;39(2):863-866.

van Erven B, **Bosman MCJ, Kuiper PHM**, Tick LW, Nieuwenhuizen L, Anafylaxie op bloedtransfusie. *NTvH* 2019; 16: 244-248

van Erven, B., de Wit-Zuurendonk, L., Laupman-Koedam, E., Nieuwenhuizen, L.
An unusual complication of pregnancy. *Neth J Med* 2019;77(10):379.

Wachelder, J., Stassen, P. M., Fourmanov, R. S., Nickel, C. H., **Haak, H. R.** Higher In-Hospital Mortality in Patients with Nonspecific Complaints Presenting to the Emergency Department. *Acute Med* 2019;18(4):232-238.

KINDERGENEESKUNDE EN NEONATOLOGIE

Bennis, F. C., van Pul, C., van den Bogaart, J J L, **Andriessen, P.**, Kramer, B. W., Delhaas, T. Artifacts in pulse transit time measurements using standard patient monitoring equipment. *PLoS One* 2019;14(6):e0218784.

Berkhout, D. J. C., van Keulen, B. J., **Niemarkt, HJ**, Bessem, J. R., de Boode, W. P., Cossey, V., Hoogenes, N., Hulzebos, C. V., Klaver, E., **Andriessen, P.**, van Kaam, A. H., Kramer, B. W., van Lingen, R. A., Schouten, A., van Goudoever, J. B., Vijlbrief, D. C., van Weissenbruch, M. M., Wi caksono, A. N., Covington, J. A., Benninga, M. A., de Boer, N K H, de Meij, T G J. Late-onset Se psis in Preterm Infants Can Be Detected Preclinically by Fecal Volatile Organic Compound An alysis: A Prospective, Multicenter Cohort Study. *Clin Infect Dis* 2019 Jan 1;68(1):70-77.

Broeren, M., Nowacki, R., **Halbertsma, F.**, Arents, N., **Zegers, S.** Urine flow cytometry is an adequate screening tool for urinary tract infections in children. *Eur J Pediatr* 2019;178(3):363-368.

Browne, P. D., den Hollander, B., Speksnijder, E. M., van Wering, H. M., **Tjon A Ten, W**, Georg e, E. K., Groeneweg, M., Bevers, N., Wessels, M. M. S., van den Berg, M M, Goede, J., Teklenb urg-Roord, S. T. A., Frankenhuys, C., Benninga, M. A., Vlieger, A. M. Gut-directed hypnotherapy versus standard medical treatment for nausea in children with functional nausea or functio nal dyspepsia: protocol of a multicentre randomised trial. *BMJ Open* 2019;9(4):e024903-024 903.

Bijleveld, Y. A., Mathot, R., van der Lee, J H, Groenendaal, F., Dijk, P. H., van Heijst, A., Simon s, S., **Dijkman, K. P**, van Straaten, H., Rijken, M., Zonnenberg, I. A., Cools, F., Zecic, A., Nuyte mans, D., van Kaam, A. H., de Haan, T. R., PharmaCool Study Group. Population Pharmacokin etics of Amoxicillin in Term Neonates Undergoing Moderate Hypothermia. *Clin Pharmacol Ther* 2018;103(3):458-467.

Chen C, Sun C, Leonhardt S, **Andriessen P**, Niemarkt HN, Chen W. Amplitude-Integrated Electroencephalography Applications and Algorithms in Neonates: A Systematic Review. *IEEE Access* ;7:141766-141781.

Cizmeci, M. N., Khalili, N., Claessens, N. H. P., Groenendaal, F., Liem, K. D., Heep, A., Benavente-Fernandez, I., van Straaten, H L M, van Wezel-Meijler, G., Steggerda, S. J., Dudink, J., Isgrum, I., Whitelaw, A., Binders, M J N L, de Vries, L. S., ELVIS study group. **Dijkman KP.** Assessment of Brain Injury and Brain Volumes after Posthemorrhagic Ventricular Dilatation: A Nested Substudy of the Randomized Controlled ELVIS Trial. *J Pediatr* 2019

de Kort, E H M, Andriessen, P., Reiss, I. K. H., van Dijk, M., Simons, S. H. P. Evaluation of an Intubation Readiness Score to Assess Neonatal Sedation before Intubation. *Neonatology* 2019;115(1):43-48.

Delhaas, T., **Andriessen, P.**, van Laar, J. O., Vullings, R., Hermans, B. J., **Niemarkt, H. J.**, Jellema, R. K., Ophelders, D. R., Wolfs, T. G., Kramer, B. W., Zwanenburg, A. Why -aVF can be used in STAN as a proxy for scalp electrode-derived signal; reply to comments by Kjellmer et al. *PLoS One* 2019;14(8):e0221220.

El Manouni El Hassani, S., Berkhouit, D. J. C., **Niemarkt, H. J.**, Mann, S., de Boode, W. P., Cossey, V., Hulzebos, C. V., van Kaam, A. H., Kramer, B. W., van Lingen, R. A., van Goudoever, J. B., Vijlbrief, D. C., van Weissenbruch, M. M., Benninga, M. A., de Boer, N K H, de Meij, T G J. Risk Factors for Late-Onset Sepsis in Preterm Infants: A Multicenter Case-Control Study. *Neonatology* 2019;116(1):42-51.

Favie, L. M. A., Groenendaal, F., van den Broek, M P H, Rademaker, C. M. A., de Haan, T. R., van Straaten, H L M, Dijk, P. H., van Heijst, A., Dudink, J., **Dijkman, K. P.**, Rijken, M., Zonnenberg, I. A., Cools, F., Zecic, A., van der Lee, J H, Nuytemans, D H G M, van Bel, F., Egberts, T. C. G., Huitema, A. D. R., PharmaCool study group. Pharmacokinetics of morphine in encephalopathic neonates treated with therapeutic hypothermia. *PLoS One* 2019;14(2):e0211910.

Favie, L. M. A., Groenendaal, F., van den Broek, M P H, Rademaker, C. M. A., de Haan, T. R., van Straaten, H L M, Dijk, P. H., van Heijst, A., Simons, S. H. P., **Dijkman, K. P.**, Rijken, M., Zonnenberg, I. A., Cools, F., Zecic, A., van der Lee, J H, Nuytemans, D H G M, van Bel, F., Egberts, T. C. G., Huitema, A. D. R., on behalf of the PharmaCool study group. Phenobarbital, Midazolam Pharmacokinetics, Effectiveness, and Drug-Drug Interaction in Asphyxiated Neonates Undergoing Therapeutic Hypothermia. *Neonatology* 2019;1-9.

Fuchs, S. A., Schene, I. F., Kok, G., Jansen, J. M., Nikkels, P. G. J., van Gassen, K L I, Terheggen-Lagro, S. W. J., van der Crabben, S N, **Hoeks, S. E., Niers, L. E. M.**, Wolf, N. I., de Vries, M. C., Koolen, D. A., Houwen, R. H. J., Mulder, M. F., van Hasselt, P. M. Aminoacyl-tRNA synthetase deficiencies in search of common themes. *Genet Med* 2019;21(2):319-330.

Fustolo-Gunnink, S. F., Fijnvandraat, K., Putter, H., Ree, I. M., Caram-Deelder, C., **Andriessen, P.**, d'Haens, E. J., Hulzebos, C. V., Onland, W., Kroon, A. A., Vijlbrief, D. C., Lopriore, E., van der Bom, J G. Dynamic prediction of bleeding risk in thrombocytopenic preterm neonates. *Haematologica* 2019 Nov;104(11):2300-2306.

Geurtzen, R., van Heijst, A F J, Draaisma, J. M. T., Kuijpers, L J M K, Woiski, M., Scheepers, H. C. J., van Kaam, A. H., Oudijk, M. A., Lafeber, H. N., Bax, C. J., Koper, J. F., Duin, L. K., van der Hoeven, M A, Kornelisse, R. F., Duvekot, J. J., **Andriessen, P.**, van Runnard Heimel, P J,

van der Heide-Jalving, M., Bekker, M. N., Mulder-de Tollenaer, S. M., van Eyck, J., Eshuis-Peters, E., Graatsma, M., Hermens, R P M G, Hogeveen, M. Development of Nationwide Recommendations to Support Prenatal Counseling in Extreme Prematurity. *Pediatrics* 2019;143(6):10.1542/peds.2018-3253.

Hakobyan, M., **Dijkman, K. P.**, Laroche, S., Naulaers, G., Rijken, M., Steiner, K., van Straaten, H L M, Swarte, R. M. C., Ter Horst, H. J., Zecic, A., Zonnenberg, I. A., Groenendaal, F. Outcome of Infants with Therapeutic Hypothermia after Perinatal Asphyxia and Early-Onset Sepsis. *Neonatology* 2019;115(2):127-133.

IJsselhof, R. J., Duchateau, S. D. R., Schouten, R. M., Freund, M. W., **Heuser, J.**, Fejzic, Z., Haas, F., Schoof, P. H., Slieker, M. G. Follow-up after biventricular repair of the hypoplastic left heart complex. *Eur J Cardiothorac Surg* 2019

Janssen, L. C, Van Der Spil, J., van Kaam, A. H., Dieleman, J. P., **Andriessen, P.**, Onland, W., **Niemarkt, H. J.** Minimally invasive surfactant therapy failure: risk factors and outcome. *Arch Dis Child Fetal Neonatal Ed* 2019 Nov;104(6):F636-F642.

Joshi, R., Kommers, D., Guo, C., Bikker, J. W., Feijs, L., van Pul, C., **Andriessen, P.** Statistical Modeling of Heart Rate Variability to Unravel the Factors Affecting Autonomic Regulation in Preterm Infants. *Sci Rep* 2019;9(1):7691-z.

Joshi, R., Bierling, B., Feijs, L., van Pul, C., **Andriessen, P.** Monitoring the respiratory rate of preterm infants using an ultrathin film sensor embedded in the bedding: a comparative feasibility study. *Physiol Meas* 2019 Apr 26;40(4):045003.

Joshi, R., **Kommers, D.**, Long, X., Feijs, L., Van Huffel, S., van Pul, C., **Andriessen, P.** Cardiorespiratory Coupling in Preterm Infants. *J Appl Physiol* (1985) 2019;126(1):202-213.

Joshi, R., Peng, Z., Long, X., Feijs, L., **Andriessen P.**, van Pul C. Predictive Monitoring of Critical Cardiorespiratory Alarms in Neonates under Intensive Care. *IEEE Journal of Translational Engineering in Health and Medicine* 2019;99(99):1-12.

Joshi, R., **Kommers, D.**, Oosterwijk, L., Feijs, L., Van Pul, C., **Andriessen, P.** Predicting Neonatal Sepsis Using Features of Heart Rate Variability, Respiratory Characteristics and ECG-Derived Estimates of Infant Motion. *IEEE J Biomed Health Inform* 2019;24(3):681-692

Klootwijk, A., **Hoeks, S. B. E. A.**, Manten, G. T. R., Tytgat, S. H. A. J. Antenatale volvulus Nederlands Tijdschrift voor Obstetrie & Gynaecologie ;132:38-41.

Kommers, D. R, Joshi, R., Pul, C. V, Feijs, L., **Bambang Oetomo, S.**, **Andriessen, P.** Changes in autonomic regulation due to Kangaroo care remain unaffected by using a swaddling device. *Acta Paediatr* 2019 Feb;108(2):258-265.

Leclercq, W. K, Uittenbogaart, M., **Niemarkt, H. J**, van Laar, J. O. Pregnant patient with acute abdominal pain and previous bariatric surgery. *BMJ Case Rep* 2019;12(8):10.1136/bcr-228962.

Maiwald, C. A., **Niemarkt, H. J.**, Poets, C. F., Urschitz, M. S., Konig, J., Hummler, H., Bassler, D., Engel, C., Franz, A. R., FiO₂-C Study Group. Effects of closed-loop automatic control of the inspiratory fraction of oxygen (FiO₂-C) on outcome of extremely preterm infants - study protocol of a randomized controlled parallel group multicenter trial for safety and efficacy. *BMC Pediatr* 2019;19(1):363-9.

Martis, J. M. S., **Bok, L. A.**, **Halbertsma, F. J. J.**, van Straaten, H L M, de Vries, L. S., Groenendaal, F. Brain imaging can predict neurodevelopmental outcome of Group B streptococcal meningitis in neonates. *Acta Paediatr* 2019;108(5):855-864.

Niemarkt, H. J., De Meij, T. G., **van Ganzewinkel, C. J.**, de Boer, N K H, **Andriessen, P.**, Hutten, M. C., Kramer, B. W. Necrotizing Enterocolitis, Gut Microbiota, and Brain Development: Role of the Brain-Gut Axis. *Neonatology* 2019;115(4):423-431.

Noben, L., Goossens, S M T A, de Wit, L. D., **Niemarkt, H. J.**, Oei, S. G, van Laar, J O E H. Breech delivery 'on all fours'. *Ned Tijdschr Geneeskd* 2019;163

Onland, W., Cools, F., Kroon, A., Rademaker, K., Merkus, M. P., Dijk, P. H., van Straaten, H. L., Te Pas, A. B., **Mohns, T.**, Bruneel, E., van Heijst, A. F., Kramer, B. W., Debeer, A., Zonnenberg, I., Marechal, Y., Blom, H., Plaskie, K., Offringa, M., van Kaam, A. H., STOP-BPD Study Group. Effect of Hydrocortisone Therapy Initiated 7 to 14 Days After Birth on Mortality or Bronchopulmonary Dysplasia Among Very Preterm Infants Receiving Mechanical Ventilation: A Randomized Clinical Trial. *JAMA* 2019;321(4):354-363.

Pols, T., de Vries, L. S, Salamon, A. S., Nikkels, P. G. J., Lichtenbelt, K. D., Mulder-de Tollenaer, S. M., van Wezel-Meijler, G. Symmetrical Thalamic Lesions in the Newborn: A Case Series. *Neuropediatrics* 2019;50(3):152-159.

Raaymakers, M. J. A., Brand, P. L. P., Landstra, A. M., Brouwer, M. L., Balemans, W. A. F., **Niers, L. E. M.**, Merkus, P J F M, Boehmer, A. L. M., Kluytmans, J A J W, de Jongste, J. C., Pijnenburg, M. W. H., Vaessen-Verberne, A A P H. Episodic viral wheeze and multiple-trigger wheeze in preschool children are neither distinct nor constant patterns. A prospective multicenter cohort study in secondary care. *Pediatr Pulmonol* 2019 Sep;54(9):1439-1446.

Rouers, E. D. M., Berbers, G. A. M., van Dongen, J A P, Sanders, E. A. M., Bruijning-Verhagen, P., PRIEMA study group, **van der Sluijs, J.** Timeliness of immunisations in preterm infants in the Netherlands. *Vaccine* 2019;37(39):5862-5867.

Rovers J. F. J., Thomissen, I. J. C., Janssen, L. C. E., Lingius, S., Wieland, B. V., Dieleman, J. P., **Niemarkt, H. J.**, van Runnard Heimel, P J. The relationship between antenatal indomethacin as a tocolytic drug and neonatal outcomes: a retrospective cohort study. *J Matern Fetal Neonatal Med* 2019 Oct 9;1-7.

Schrijvers, M., Hendriks, T., Mars, H., **Bertrams-Maartens, I. A.** The effect of follow-up after a negative double-blinded placebo-controlled cow's milk challenge on successful reintroduction. *Eur J Pediatr* 2019;178(7):1113-1117.

Siawash, M., van Assen, T., **Tjon A Ten, W**, Janssen, L., van Heurn, E., Roumen, R., Scheltinga, M. Abdominal Wall Pain or Irritable Bowel Syndrome: Validation of a Pediatric Questionnaire. *J Pediatr Gastroenterol Nutr* 2019;69(3):e65-e69.

Sun, Y., de With, P H N, **Kommers, D.**, Wang, W., Joshi, R., Shan, C., Tan, T., Aarts, R. M., van Pul, C., **Andriessen, P.** Automatic and Continuous Discomfort Detection for Premature Infants in a NICU Using Video-Based Motion Analysis. *Conf Proc IEEE Eng Med Biol Soc* 2019;2019:5 995-5999.

Takken, T., Evertse, A., de Waard, F., Spoorenburg, M., Kuijpers, M., **Schroer, C.**, Hulzebos, E. H. Exercise responses in children and adults with a Fontan circulation at simulated altitude. *Congenit Heart Dis* 2019 Nov;14(6):1005-1012.

Tel-Karthaus N, Joosen A, **Donker A**, Soons H, Kuijper P. Uniformering van regionale referentie-intervallen voor pediatrische hemocytometrie parameters door middel van literatuuronderzoek. *Laboratoriumgeneeskunde* 2019(1):31-34.

Thielen, M., Delbressine, F., **Bambang Oetomo, S.**, Feijs, L. Anatomically Realistic Neonatal Heart Model for Use in Neonatal Patient Simulators. *J Vis Exp* 2019;(144). doi(144):10.3791/56 710.

van Bentum, J. W., Kommers, D., Bakker, S., Cabal Guerra, M., van Pul, C., **Andriessen, P.** Checkmates, helping nurses plan ahead in the neonatal intensive care unit. *Multimodal Technologies and Interaction* ;3(1):14.

van der Sluijs, P J, Jansen, S., Vergano, S. A., Adachi-Fukuda, M., Alanay, Y., AlKindy, A., Baban, A., Bayat, A., Beck-Wodl, S., Berry, K., Bijlsma, E. K., **Bok, L. A.**, Brouwer, A. F. J., van der Burgt, I., Campeau, P. M., Canham, N., Chrzanowska, K., Chu, Y. W. Y., Chung, B. H. Y., Dahan, K., De Rademaeker, M., Destree, A., Dudding-Byth, T., Earl, R., Elcioglu, N., Elias, E. R., Fagerberg, C., Gardham, A., Gener, B., Gerkes, E. H., Grasshoff, U., van Haeringen, A., Heitink, K. R., Herkert, J. C., den Hollander, N. S., Horn, D., Hunt, D., Kant, S. G., Kato, M., Kayserili, H., Kersseboom, R., Kilic, E., Krajewska-Walasek, M., Lammers, K., Laulund, L. W., Lederer, D., Lees, M., Lopez-Gonzalez, V., Maas, S., Mancini, G. M. S., Marcelis, C., Martinez, F., Maystadt, I., McGuire, M., McKee, S., Mehta, S., Metcalfe, K., Milunsky, J., Mizuno, S., Moeschler, J. B., Netzer, C., Ockeloen, C. W., Oehl-Jaschkowitz, B., Okamoto, N., Olminkhof, S. N. M., Orellana, C., Pasquier, L., Pottinger, C., Riehmer, V., Robertson, S. P., Roifman, M., Rooryck, C., Ropers, F. G., Rosello, M., Ruivenkamp, C. A. L., Sagiroglu, M. S., Sallevelt, S C E H, Sanchis Calvo, A., Simsek-Kiper, P. O., Soares, G., Solaeché, L., Sonmez, F. M., Splitt, M., Steenbeek, D., Stegmann, A. P. A., Stumpel, C T R M, Tanabe, S., Uctepe, E., Utine, G. E., Veenstra-Knol, H. E., Venkateswaran, S., Vilain, C., Vincent-Delorme, C., Vulto-van Silfout, A. T., Wheeler, P., Wilson, G. N., Wilson, L. C., Wollnik, B., Kosho, T., Wieczorek, D., Eichler, E., Pfundt, R., de Vries, B B A, Clayton-Smith, J., Santen, G. W. E. The ARID1B spectrum in 143 patients: from nonsyndromic intellectual disability to Coffin-Siris syndrome. *Genet Med* 2019;21(6):1295-1307.

van der Sluijs, P J, Jansen, S., Vergano, S. A., Adachi-Fukuda, M., Alanay, Y., AlKindy, A., Baban, A., Bayat, A., Beck-Wodl, S., Berry, K., Bijlsma, E. K., **Bok, L. A.**, Brouwer, A. F. J., van der Burgt, I., Campeau, P. M., Canham, N., Chrzanowska, K., Chu, Y. W. Y., Chung, B. H. Y., Dahan, K.,

De Rademaeker, M., Destree, A., Dudding-Byth, T., Earl, R., Elcioglu, N., Elias, E. R., Fagerberg, C., Gardham, A., Gener, B., Gerkes, E. H., Grasshoff, U., van Haeringen, A., Heitink, K. R., Herkert, J. C., den Hollander, N. S., Horn, D., Hunt, D., Kant, S. G., Kato, M., Kayserili, H., Kersseboom, R., Kilic, E., Krajewska-Walasek, M., Lammers, K., Laulund, L. W., Lederer, D., Lees, M., Lopez-Gonzalez, V., Maas, S., Mancini, G. M. S., Marcelis, C., Martinez, F., Maystadt, I., McGuire, M., McKee, S., Mehta, S., Metcalfe, K., Milunsky, J., Mizuno, S., Moeschler, J. B., Netzer, C., Ockeloen, C. W., Oehl-Jaschkowitz, B., Okamoto, N., Olminkhof, S. N. M., Orellana, C., Pasquier, L., Pottinger, C., Riehmer, V., Robertson, S. P., Roifman, M., Rooryck, C., Ropers, F. G., Rosello, M., Ruivenkamp, C. A. L., Sagiroglu, M. S., Salleveld, S C E H, Calvo, A. S., Simsek-Kiper, P. O., Soares, G., Solaeché, L., Sonmez, F. M., Splitter, M., Steenbeek, D., Stegmann, A. P. A., Stumpel, C T R M, Tanabe, S., Uctepe, E., Utine, G. E., Veenstra-Knol, H. E., Venkateswaran, S., Vilain, C., Vincent-Delorme, C., Vulto-van Silfhout, A. T., Wheeler, P., Wilson, G. N., Wilson, L. C., Wolnik, B., Kosho, T., Wieczorek, D., Eichler, E., Pfundt, R., de Vries, B B A, Clayton-Smith, J., Santen, G. W. E. Correction: The ARID1B spectrum in 143 patients: from nonsyndromic intellectual disability to Coffin-Siris syndrome. *Genet Med* 2019 Sep;21(9):2160-2161

van Gijzen, A F M, Rouers, E. D. M., van Doueren, F Q M P, Dieleman, J., Hendriks, J. G. E, **Halbertsma, F. J. J**, **Bok, L. A**. Developmental dysplasia of the hip in children with Down syndrome: comparison of clinical and radiological examinations in a local cohort. *Eur J Pediatr* 2019 Apr;178(4):559-564.

van Onzenoort-Bokken, L., de Klaver, P. Glycopyrronium voor de behandeling van kwijlen bij cerebrale parese. *Praktische Pediatrie* (september)

Verbeek, INE, Zegers*SHJ. Bezorgde ouders, kwetsbaar kind: het vulnerable child-syndroom. *Praktische Pediatrie* ;13(2):96-100.

Völler, S., Flint, R. B., **Andriessen, P.**, Allegaert, K., Zimmermann, L. J. I., Liem, K. D., Koch, B. C., P., Simons, S. H. P., Knibbe, C. A. J., DINO study group. Rapidly maturing fentanyl clearance in preterm neonates. *Arch Dis Child Fetal Neonatal Ed* 2019 Nov;104(6):F598-F603.

Völler, S., Flint, R. B., Beggah, F., Reiss, I., **Andriessen, P.**, Zimmermann, L. J. I., van den Anker, J N, Liem, K. D., Koch, B. C. P., de Wildt, S., Knibbe, C. A. J., Simons, S. H. P. Recently Registered Midazolam Doses for Preterm Neonates Do Not Lead to Equal Exposure: A Population Pharmacokinetic Model. *J Clin Pharmacol* 2019 Oct;59(10):1300-1308.

Werth, J., Serteyn, A., **Andriessen, P.**, Aarts, R. M., Long, X. Automated preterm infant sleep staging using capacitive electrocardiography. *Physiol Meas* 2019 Jun 4;40(5):055003.

Promoties

Thielen MWH

ReVive : designing the newborn life support manikin
Eindhoven; Technische Universiteit Eindhoven; 8 mei 2019.

Joshi R

Towards automated solutions for predictive monitoring of neonates.
Eindhoven; Technische Universiteit Eindhoven; 30 augustus 2019.

KLINISCH LABORATORIUM

Bosman, M. C. J., Schreurs, R. H. P., Nieuwenhuizen, L., **Bakkeren, D. L.**, Jacobs, J. F. M. Broad Bands Observed in Serum Electrophoresis Should Not Be Taken Lightly. *Clin Chem* 2019;65(5):618-621.

Broeren, M., Nowacki, R., Halbertsma, F., Arents, N., Zegers, S. Urine flow cytometry is an adequate screening tool for urinary tract infections in children. *Eur J Pediatr* 2019;178(3):363-368.

de Kock, R., Deiman, B., Kraaijvanger, R., Scharnhorst, V. Optimized (Pre) Analytical Conditions and Workflow for Droplet Digital PCR Analysis of Cell-Free DNA from Patients with Suspected Lung Carcinoma. *J Mol Diagn* 2019;21(5):895-902.

Dekkers, G. W. F., **Broeren, M. A. C.**, Truijens, S. E. M., Kop, W. J., Pop, V. J. M. Hormonal and psychological factors in nausea and vomiting during pregnancy. *Psychol Med* 2019;1-8.

Hermans, B. C. M., Zanders, M. M., van Oostrum, N H M, **Kuijper, P. H. M.**, Nieuwenhuizen, L. Successful treatment of aplastic anaemia with cyclosporine during pregnancy. *Neth J Med* 2019;77(3):126-127.

Levie, D., Derakhshan, A., Shu, H., **Broeren, M. A. C.**, de Poortere, R. A., Peeters, R. P., Bornehag, C. G., Demeneix, B., Korevaar, T. I. M. The Association of Maternal Iodine Status in Early Pregnancy with Thyroid Function in the Swedish Environmental Longitudinal, Mother and Child, Asthma and Allergy Study. *Thyroid* 2019 Nov;29(11):1660-1668.

Nassan, F. L., Korevaar, T. I. M., Coull, B. A., Skakkebaek, N. E., Krawetz, S. A., Estill, M., Hait, E. J., Korzenik, J. R., Ford, J. B., De Poortere, R. A., **Broeren, M. A.**, Moss, A. C., Zoeller, T. R., Hauser, R. Dibutyl-phthalate exposure from mesalamine medications and serum thyroid hormones in men. *Int J Hyg Environ Health* 2019 Jan;222(1):101-110.

Pop, V. J., Ormidene, V., Mocan, A., Meems, M., **Broeren, M.**, Denollet, J. K., Wiersinga, W. M., Bunevicius, A. Maternal Cognitive function during pregnancy in relation to hypo- and hyperthyroxinemia. *Clin Endocrinol (Oxf)* 2019 Dec;91(6):824-833

Pop, V., **Broeren, M.**, Wijnen, H., Endendijk, J., van Baar, A., Wiersinga, W., Williams, G. R. Longitudinal Trajectories of Gestational Thyroid Function: A New Approach to Better Understand Changes in Thyroid Function. *J Clin Endocrinol Metab* 2018;103(8):2889-2900.

Scharnhorst, V., Schmitz, E. M. H., van de Kerkhof, D., Derijks, L. J. J., **Broeren, M. A. C.** A value proposition for trough level-based anti-TNFalpha drug dosing. *Clin Chim Acta* 2019;489:89-95.

Skarha, J., Minguez-Alarcon, L., Williams, P. L., Korevaar, T. I. M., de Poortere, R. A., **Broeren, M. A. C.**, Ford, J. B., Eliot, M., Hauser, R., Braun, J. M. Cross-sectional associations between

urinary triclosan and serum thyroid function biomarker concentrations in women. Environ Int 2019 Jan;122:256-262.

Tel-Karthaus N, **Joosen A**, Donker A, Soons H, **Kuijper P**. Uniformering van regionale referentie-intervallen voor pediatrische hemocytometrie parameters door middel van literatuuronderzoek. Laboratoriumgeneeskunde 2019;1:31-4.

Van Erven B, **Bosman MCJ**, **Kuiper PHM**, Tick LW, Nieuwenhuizen L, *Anafylaxie op bloedtransfusie, NTvH* 2019; 16: 244-248

KLINISCHE FYSICA

Bennis, F. C., **van Pul, C.**, van den Bogaart, J J L, Andriessen, P., Kramer, B. W., Delhaas, T. Artifacts in pulse transit time measurements using standard patient monitoring equipment. PLoS One 2019;14(6):e0218784.

Joshi, R., Kommers, D., Guo, C., Bikker, J. W., Feijs, L., **van Pul, C.**, Andriessen, P. Statistical Modeling of Heart Rate Variability to Unravel the Factors Affecting Autonomic Regulation in Preterm Infants. Sci Rep 2019;9(1):769-z.

Joshi, R., Bierling, B., Feijs, L., **van Pul, C.**, Andriessen, P. Monitoring the respiratory rate of preterm infants using an ultrathin film sensor embedded in the bedding: a comparative feasibility study. Physiol Meas 2019

Joshi, R., Kommers, D., Long, X., Feijs, L., Van Huffel, S., **van Pul, C.**, Andriessen, P. Cardiorespiratory Coupling in Preterm Infants. J Appl Physiol (1985) 2018

Joshi, R., Kommers, D. , Oosterwijk, L., Feijs, L., **van Pul, C.**, Andriessen, P. Predicting Neonatal Sepsis Using Features of Heart Rate Variability, Respiratory Characteristics and ECG-Derived Estimates of Infant Motion. IEEE J Biomed Health Inform 2019;24(3):681-692

Joshi, R., Peng, Z., Long, X., Feijs, L., Andriessen P., **van Pul C.** Predictive Monitoring of Critical Cardiorespiratory Alarms in Neonates under Intensive Care. IEEE Journal of Translational Engineering in Health and Medicine 2019;99(99):1-12.

Kleinloog JPD, van Hooff M, Savelberg HHCM, **Meijer EJ**, Schep G. Pedal power measurement as a diagnostic tool for functional vascular problems. Clin Biomech (Bristol, Avon). 2019;61:211-216.

Kommers, D. R, Joshi, R., **Pul, C. V**, Feijs, L., Bambang Oetomo, S., Andriessen, P. Changes in autonomic regulation due to Kangaroo care remain unaffected by using a swaddling device. Acta Paediatr 2018

Spee, R. F, Niemeijer, V. M, Schoots, T. , Tuinenburg, A., Houthuizen, P., **Wijn, P. F**, Doewendans, P. A., Kemps, H. M. High intensity interval training after cardiac resynchronization therapy: An explorative randomized controlled trial. Int J Cardiol 2019

Sun, Y., de With, P H N, Kommers, D., Wang, W., Joshi, R., Shan, C., Tan, T., Aarts, R. M., **van Pul, C.**, Andriessen, P. Automatic and Continuous Discomfort Detection for Premature Infants in a NICU Using Video-Based Motion Analysis. Conf Proc IEEE Eng Med Biol Soc 2019;2019:5 995-5999.

van Bentum, J. W., Kommers, D., Bakker, S., Cabal Guerra, M., **van Pul, C.**, Andriessen, P. Checkmates, helping nurses plan ahead in the neonatal intensive care unit. Multimodal Technologies and Interaction ;3(1):14.

LONGZIEKTEN

van Roij, J., Brom, L., **Youssef-El Soud, M.**, van de Poll-Franse, L., Raijmakers, N. J. H. Social consequences of advanced cancer in patients and their informal caregivers: a qualitative study. Support Care Cancer 2019;27(4):1187-1195.

MAAG DARM LEVERZIEKTEN

van Grinsven, J., van Dijk, S. M., Dijkgraaf, M. G., Boermeester, M. A., Bollen, T. L., Bruno, M. J., van Brunschot, S., Dejong, C. H., van Eijck, C. H., van Lienden, K. P., Boerma, D., van Duijvendijk, P., Hadithi, M., Haveman, J. W., van der Hulst, R W, Jansen, J. M., Lips, D. J., Manusama, E. R., Molenaar, I. Q., van der Peet, D L, Poen, A. C., Quispel, R., Schaapherder, A. F., Schoon, E. J., Schwartz, M. P., Seerden, T. C., Spanier, B. W. M., **Straathof, J. W.**, Venneman, N. G., van de Vrie, W., Witteman, B. J., van Goor, H., Fockens, P., van Santvoort, H. C., Besselink, M. G., Dutch Pancreatitis Study Group. Postponed or immediate drainage of infected necrotizing pancreatitis (POINTER trial): study protocol for a randomized controlled trial. Trials 2019;20(1):23-6.

MEDISCHE MICROBIOLOGIE

Broeren, M., Nowacki, R., Halbertsma, F., **Arents, N.**, Zegers, S. Urine flow cytometry is an adequate screening tool for urinary tract infections in children. Eur J Pediatr 2019;178(3):363-368.

Macagno, N., **Vogels, R.**, Appay, R., Colin, C., Mokhtari, K., French CNS SFT/HPC Consortium, Dutch CNS SFT/HPC Consortium, Kusters, B., Wesseling, P., Figarella-Branger, D., Flucke, U., Bouvier, C. Grading of Meningeal Solitary Fibrous Tumors/Hemangiopericytomas: Analysis of the Prognostic Value of the Marseille Grading System in a Cohort of 132 Patients. Brain Pathol 2018

Van Erp, J H J, Heineken, A. C., Van Wensen, R J A, Van Kempen, R W T M, Hendriks, J. G. E*, **Wegdam-Blans, M.**, Fonville, J. M*, Van Der Steen, M C M*. Optimization of the empirical antibiotic choice during the treatment of acute prosthetic joint infections: a retrospective analysis of 91 patients. Acta Orthop 2019:1-8.

MEDISCHE PSYCHOLOGIE

van Rooijen, S. J., Molenaar, C. J. L., Schep, G., van Lieshout, R H M A, Beijer, S., Dubbers, R., Rademakers, N. ., Papen-Botterhuis, N. E, **van Kempen, S.**, Carli, F., Roumen, R. M. H, Slooter, G. D. Making patients fit for surgery: introducing a four pillar multimodal prehabilitation program in colorectal cancer. Am J Phys Med Rehabil 2019;98(10):888-896

NEUROLOGIE

Hulsenboom, A. D. J., Warmerdam, G. J. J., Weijers, J., **Blijham, P. J.**, Oei, S. G., van Laar, J O E H, Vullings, R., Delhaas, T. Head orientation and electrode placement potentially influence fetal scalp ECG waveform. PLoS One 2019;14(10):e0223282.

van Zantvoort, A., **Setz, M.**, Hoogeveen, A., van Eerten, P., Scheltinga, M. Chronic lower leg pain: entrapment of common peroneal nerve or tibial nerve-German version. Unfallchirurg 2019;122(11):854-859.

ORTHOPEDIE

Dietvorst, M., Reijman, M., van Groningen, B., van der Steen, M C, Janssen, R. P. A. PROMs in paediatric knee ligament injury: use the Pedi-IKDC and avoid using adult PROMs. Knee Surg Sports Traumatol Arthrosc 2019;27(6):1965-1973.

Dietvorst, M., Reijman, M., van Zutven, R., van den Bekerom, M P J, Meuffels, D. E., Somford, M. P., **Janssen, R. P. A.** Current State of Care for Pediatric ACL Ruptures in the Netherlands: A Survey. J Knee Surg 2019;Sept 24

Kamp, M. C., van Kempen, R W T M, Janssen, L., **van der Steen, M C M.** First results of a uniform regional treatment protocol and registration for acute prosthetic joint infection in the South-East of the Netherlands. J Bone Jt Infect 2019;4(3):133-139.

Koper, M. C., Reijman, M., van Es, E. M., Waarsing, J. H., **Koot, H. W. J.**, Keizer, S. B., Jansen, I., van Biezen, F. C., Verhaar, J. A. N., Bos, P. K. No added value for Computer-Assisted surgery to improve femoral component positioning and Patient Reported Outcomes in Hip Resurfacing Arthroplasty; a multi-center randomized controlled trial. BMC Musculoskeletal Disord 2019;20(1):473-7.

Rietbergen, T., Diercks, R. L., Anker-van der Wel, I., van den Akker-van Marle, M E, Lopuhaa, N., **Janssen, R. P. A.**, van der Linden-van der Zwaag, H M J, Nelissen, R G H H, Marang-van de Mheen, P J, van Bodegom-Vos, L. Preferences and beliefs of Dutch orthopaedic surgeons and patients reduce the implementation of "Choosing Wisely" recommendations in degenerative knee disease. Knee Surg Sports Traumatol Arthrosc 2019 Sep 25

Roerdink, R. L., Huijbregts, H J T A M, van Lieshout, A W T, **Dietvorst, M.**, van der Zwaard, B C. The difference between native septic arthritis and prosthetic joint infections: A review of literature. *J Orthop Surg (Hong Kong)* 2019;27(2):2309499019860468.

Somford, M. P., **Janssen, R. P. A.**, Meijer, D., Roeling, T. A. P., Brown, C., Eygendaal, D. The Pellegrini-Stieda Lesion of the Knee: An Anatomical and Radiological Review. *J Knee Surg* 2019;32(7):637-641.

Theunissen, W W E S, van der Steen, M C, Liu, W. Y, Janssen, R. P. A. Timing of anterior cruciate ligament reconstruction and preoperative pain are important predictors for postoperative kinesiophobia. *Knee Surg Sports Traumatol Arthrosc* 2019 Dec 26

Theeuwen, D. M. J, van der Steen, M C, Bonneux, I. F. M, Giesberts, A. M. E, Koot, H. W. J, Reijman, M.. Translation and evaluation of psychometric properties of the Dutch version of the Single Assessment and Numeric Evaluation Method (SANEM) in shoulder patients. *J Orthop Surg Res* 2019;14(1):30-2.

Tolk, J. J, Janssen, R. P. A., Haanstra, T. M., **van der Steen, M M C**, Bierma Zeinstra, S M A, Reijman, M. Outcome Expectations of Total Knee Arthroplasty Patients: The Influence of Demographic Factors, Pain, Personality Traits, Physical and Psychological Status. *J Knee Surg* 2019

Tolk, J. J., Janssen, R. P. A., Prinsen, C. A. C., Latijnhouwers, D A J M, van der Steen, M C, Bierma-Zeinstra, S. M. A., Reijman, M. The OARSI core set of performance-based measures for knee osteoarthritis is reliable but not valid and responsive. *Knee Surg Sports Traumatol Arthrosc* 2019;27(9):2898-2909.

Tolk, J. J., Janssen, R. P. A., Prinsen, C S A C, van der Steen, M M C, Bierma Zeinstra, S M A, Reijman, M. Measurement properties of the OARSI core set of performance-based measures for hip osteoarthritis: a prospective cohort study on reliability, construct validity and responsiveness in 90 hip osteo-arthritis patients. *Acta Orthop* 2019;90(1):15-20.

van der Heijden, L L M, Reijman, M., van der Steen, M C M, Janssen, R. P. A, Tuijthof, G. J. M. Validation of Simendo Knee Arthroscopy Virtual Reality Simulator. *Arthroscopy* 2019

van der Velden, C A, van der Steen, M C, Leenders, J., van Douveren, F Q M P, Janssen, R. P. A, Reijman, M. Pedi-IKDC or KOOS-child: which questionnaire should be used in children with knee disorders? *BMC Musculoskelet Disord* 2019;20(1):24-6.

Van Erp, J H J, Heineken, A. C., Van Wensen, R J A, Van Kempen, R W T M, **Hendriks, J. G. E**, Wegdam-Blans, M., Fonville, J. M, **Van Der Steen, M C M**. Optimization of the empirical antibiotic choice during the treatment of acute prosthetic joint infections: a retrospective analysis of 91 patients. *Acta Orthop* 2019:1-8.

van Gijzen, A F M, Rouers, E. D. M., van Douveren, F Q M P, Dieleman, J., **Hendriks, J. G. E**, Halbertsma, F. J. J, Bok, L. A. Developmental dysplasia of the hip in children with Down syndrome: comparison of clinical and radiological examinations in a local cohort. *Eur J Pediatr* 2019

PARAMÁX

van Rooijen, S. , Carli, F., Dalton, S., Thomas, G., Bojesen, R., Le Guen, M., Barizien, N., Awasthi, R., Minnella, E., Beijer, S., Martinez-Palli, G., **van Lieshout, R.** , Gogenur, I., Feo, C., Johansen, C., Scheede-Bergdahl, C., Roumen, R.., Schep, G. ., Slooter, G.. Multimodal prehabilitation in colorectal cancer patients to improve functional capacity and reduce postoperative complications: the first international randomized controlled trial for multimodal prehabilitation. *BMC Cancer* 2019;19(1):9-6.

van Rooijen, S. J, Molenaar, C. J. L, Schep, G., **van Lieshout, R H M A**, Beijer, S., Dubbers, R., Rademakers, N., Papen-Botterhuis, N. E, van Kempen, S.., Carli, F., Roumen, R. M. H, Slooter, G. D. Making patients fit for surgery: introducing a four pillar multimodal prehabilitation program in colorectal cancer. *Am J Phys Med Rehabil* 2019

RADIOLOGIE

Luiten, J. D., Korte, B., Voogd, A. C., Vreuls, W., Luiten, E. J. T., Strobbe, L. J., Rutten, M J C M, **Plaisier, M. L**, Lohle, P. N., Hooijen, M. J. H., Tjan-Heijnen, V. C. G., Duijm, L. E. M. Trends in frequency and outcome of high-risk breast lesions at core needle biopsy in women recalled at biennial screening mammography, a multi-institutional study. *Int J Cancer* 2019;145(10):2720-2727

Uittenbogaart, M., Leclercq, W. K. G, Smeele, P., **van der Linden, A N**, Luijten, A A P M, van Dielen, F M H. Reliability and usefulness of upper gastro intestinal contrast studies to assess pouch size in patients with weight loss failure after Roux-en-Y gastric bypass. *Acta Chir Belg* 2019:1-5.

Samiei, S., van Nijnatten, T J A, **van Beek, H. C, Polak, M. P. J**, Maaskant-Braat, A. J. G, Heuts, E. M., van Kuijk, S M J, Schipper, R. J., Lobbes, M. B. I., Smidt, M. L. Diagnostic performance of axillary ultrasound and standard breast MRI for differentiation between limited and advanced axillary nodal disease in clinically node-positive breast cancer patients. *Sci Rep* 2019;9(1):17476-0.

REUMATOLOGIE

Besseling, N. J., **Westgeest, A. A. A**, Klaasen, R., Gamala, M., van Woerkom, J. M., Tekstra, J., Verhoeven, M. M. A., Van Spil, W. E., Lafeber, F P J G, Marijnissen, A. C. A., Van Laar, J. M., Jacobs, J. W. G. Novel optical spectral transmission (OST)-guided versus conventionally disease activity-guided treatment: study protocol of a randomized clinical trial on guidance of a treat-to-target strategy for early rheumatoid arthritis. *Trials* 2019;20(1):22-8.

SEH

Steenaard, R. V, **Michon, L. A**, Haak, H. R. Health-Related Quality of Life in Adrenocortical Carcinoma. *Cancers (Basel)* 2019;11(10):10.3390/cancers11101500.

SPORTGENEESKUNDE

de Bruijn, J. A., van Zantvoort, A P M, Hundscheid, H. P. H., **Hoogeveen, A. R.**, Teijink, J. A. W., Scheltinga*, M. R. Superficial Peroneal Nerve Injury Risk During a Semiblind Fasciotomy for Anterior Chronic Exertional Compartment Syndrome of the Leg: An Anatomical and Clinical Study. *Foot Ankle Int* 2019;40(3):343-351.

Kleinloog, J. P. D., **van Hooff, M.**, Savelberg, H H C M, Meijer, E. J., **Schep, G.** Pedal power measurement as a diagnostic tool for functional vascular problems. *Clin Biomech (Bristol, Avon)* 2019;61:211-216.

Posthuma, J. J., Posma, J. J. N., **Schep, G.**, Bender, M. M. H., van Oerle, R., van der Wal, A C, Ten Cate, H., Spronk, H. M. H. Protease-activated receptors are potential regulators in the development of arterial endofibrosis in high-performance athletes. *J Vasc Surg* 2019;69(4):1243-1250.

van Rooijen, S. , Carli, F., Dalton, S., Thomas, G., Bojesen, R., Le Guen, M., Barizien, N., Awasthi, R., Minnella, E., Beijer, S., Martinez-Palli, G., van Lieshout, R. , Gogenur, I., Feo, C., Johansen, C., Scheede-Bergdahl, C., Roumen, R., **Schep, G.** , Slooter, G. Multimodal prehabilitation in colorectal cancer patients to improve functional capacity and reduce postoperative complications: the first international randomized controlled trial for multimodal prehabilitation. *BMC Cancer* 2019;19(1):9-6.

van Rooijen, S. J, Molenaar, C. J. L, **Schep, G.**, van Lieshout, R H M A, Beijer, S., Dubbers, R., Rademakers, N.., Papen-Botterhuis, N. E, van Kempen, S., Carli, F., Roumen, R. M. H, Slooter, G. D. Making patients fit for surgery: introducing a four pillar multimodal prehabilitation program in colorectal cancer. *Am J Phys Med Rehabil* 2019

van Zantvoort, A., Setz, M., **Hoogeveen, A.**, van Eerten, P., Scheltinga, M. Chronic lower leg pain: entrapment of common peroneal nerve or tibial nerve. *Unfallchirurg* 2019

van Zantvoort, A P M, Hundscheid, H. P. H., de Bruijn, J. A., **Hoogeveen, A. R.**, Teijink, J. A. W., Scheltinga, M. R. M. Isolated Lateral Chronic Exertional Compartment Syndrome of the Leg: A New Entity? *Orthop J Sports Med* 2019;7(12):2325967119890105.

UROLOGIE

Kuppen, M. C. P., Westgeest, H. M., van den Eertwegh, A J M, van Moorselaar, R J A, van Oort, I. M., Coenen, J L L M, van den Bergh, A C M F, Mehra, N., Somford, D. M., Bergman, A. M., Ten Bokkel Huinink, D., **Fosson, L.**, Geenen, M. M., Hendriks, M. P., van de Luijtgaarden, A C M, Polee, M. B., Weijl, N. I., van de Wouw, A J, de Wit, R., Uyl-de Groot, C. A., Gerritsen, W. R. Real-world Outcomes of Sequential Androgen-receptor Targeting Therapies with or Without Interposed Life-prolonging Drugs in Metastatic Castration-resistant Prostate Cancer: Results from the Dutch Castration-resistant Prostate Cancer Registry. Eur Urol Oncol 2019;S2588-9311(19)30146-4.

van der Sanden, W M H, **Fosson, L M C L**, **de Laet, K.**. Endoscopic Transvesical Adenomectomy of the Prostate (ETAP), a new minimal invasive approach for large BPH. A description of the technique and the results of the first 40 patients. Urology 2019 Mar;125:174-178. doi: 10.1016/j.urology.2018.12.031. Epub 2019 Jan 4.

Westgeest, H. M., Kuppen, M. C. P., van den Eertwegh, A J M, de Wit, R., Coenen, J L L M, van den Berg, H P P, Mehra, N., van Oort, I. M., **Fosson, L M C L**, Hendriks, M. P., Bloemendaal, H. J., van de Luijtgaarden, A C M, Ten Bokkel Huinink, D., van den Bergh, A C M F, van den Bosch, J., Polee, M. B., Weijl, N., Bergman, A. M., Uyl-de Groot, C. A., Gerritsen, W. R. Second-Line Cabazitaxel Treatment in Castration-Resistant Prostate Cancer Clinical Trials Compared to Standard of Care in CAPRI: Observational Study in the Netherlands. Clin Genitourin Cancer 2019 May 31. pii: S1558-7673(19)30156-9.

ZIEKENHUISFARMACIE

Buiter HJC, **Derijks L**, Mulder CJJ. Cladribine repurposed in multiple sclerosis: making a fortune out of a generic drug. Eur J Hosp Pharm. 2019 Sep;26(5):246-247.

Sluiter, R. L., van Marrewijk, C., de Jong, D., Scheffer, H., Guchelaar, H. J., **Derijks, L.**, Wong, D. R., Hooymans, P., Vermeulen, S. H., Verbeek, A. L. M., Franke, B., van der Wilt, G J, Kievit, W., Coenen, M. J. H. Genotype-guided thiopurine dosing does not lead to additional costs in patients with inflammatory bowel disease. J Crohns Colitis 2019 Jul 25;13(7):838-845.

van Onzenoort-Bokken, L, **de Klaver P**. Glycopyrronium voor de behandeling van kwijlen bij cerebrale parese. Praktische Pediatrie 2019 September.

Wijnands-Kleukers APG, Dijkman W, **Brogtrop J**, Kamps MJA, De Lange DW, Sikma MA. Inhalational Methanol Intoxication: Emerging Issues in the Netherlands Resulting From Illegal Drug Production. Ann Emerg Med. 2019 Nov;74(5):727-728.

OVERIG

Timmers, T., **Janssen, L.**, van der Weegen, W., Das, D., Marijnissen, W. J., Hannink, G., van der Zwaard, B C, Plat, A., Thomassen, B., Swen, J. W., Kool, R. B., Lambers Heerspink, F. O. The Effect of an App for Day-to-Day Postoperative Care Education on Patients With Total Knee Replacement: Randomized Controlled Trial. JMIR Mhealth Uhealth 2019;7(10):e15323.

Wetenschappelijke Output gerelateerd aan erkende topklinische functie

NEONATALE INTENSIVE CARE

Joshi R

Towards automated solutions for predictive monitoring of neonates.
Technische Universiteit Eindhoven; 30 augustus 2019.[thesis]

El Manouni El Hassani, S, Berkhout, D. J. C., **Niemarkt, H. J.**, Mann, S., de Boode, W. P., Cossey, V., Hulzebos, C. V., van Kaam, A. H., Kramer, B. W., van Lingen, R. A., van Goudoever, J. B., Vijlbrief, D. C., van Weissenbruch, M. M., Benninga, M. A., de Boer, N K H, de Meij, T G J. Risk Factors for Late-Onset Sepsis in Preterm Infants: A Multicenter Case-Control Study. Neonatology 2019;116(1):42-51.

Fustolo-Gunnink, S. F., Fijnvandraat, K., Putter, H., Ree, I. M., Caram-Deelder, C., **Andriessen, P.**, d'Haens, E. J., Hulzebos, C. V., Onland, W., Kroon, A. A., Vijlbrief, D. C., Lopriore, E.,

van der Bom, J G. Dynamic prediction of bleeding risk in thrombocytopenic preterm neonate s. *Haematologica* 2019 Nov;104(11):2300-2306.

Hakobyan, M., **Dijkman, K. P.**, Laroche, S., Naulaers, G., Rijken, M., Steiner, K., van Straaten, H L M, Swarte, R. M. C., Ter Horst, H. J., Zecic, A., Zonnenberg, I. A., Groenendaal, F. Outcome of Infants with Therapeutic Hypothermia after Perinatal Asphyxia and Early-Onset Sepsis. *Neonatology* 2019;115(2):127-133.

Janssen, L. C., Van Der Spil, J., van Kaam, A. H., Dieleman, J. P., **Andriessen, P.**, Onland, W., **Niemarkt, H. J.** Minimally invasive surfactant therapy failure: risk factors and outcome. *Arch Dis Child Fetal Neonatal Ed* 2019 Nov;104(6):F636-F642.

Joshi, R., Peng, Z., Long, X., Feijs, L., **Andriessen P.**, van Pul C. Predictive Monitoring of Critical Cardiorespiratory Alarms in Neonates under Intensive Care. *IEEE Journal of Translational Engineering in Health and Medicine* 2019;99(99):1-12.

Maiwald, C. A., **Niemarkt, H. J.**, Poets, C. F., Urschitz, M. S., Konig, J., Hummler, H., Bassler, D., Engel, C., Franz, A. R., FiO2-C Study Group. Effects of closed-loop automatic control of the inspiratory fraction of oxygen (FiO2-C) on outcome of extremely preterm infants - study protocol of a randomized controlled parallel group multicenter trial for safety and efficacy. *BMC Pediatr* 2019;19(1):363-9.

Martis, J. M. S., **Bok, L. A.**, **Halbertsma, F. J. J.**, van Straaten, H L M, de Vries, L. S., Groenendaal, F. Brain imaging can predict neurodevelopmental outcome of Group B streptococcal meningitis in neonates. *Acta Paediatr* 2019;108(5):855-864.

Niemarkt, H. J., De Meij, T. G., **van Ganzewinkel, C. J.**, de Boer, N K H, **Andriessen, P.**, Hutten, M. C., Kramer, B. W. Necrotizing Enterocolitis, Gut Microbiota, and Brain Development: Role of the Brain-Gut Axis. *Neonatology* 2019;115(4):423-431.

Onland, W., Cools, F., Kroon, A., Rademaker, K., Merkus, M. P., Dijk, P. H., van Straaten, H. L., Te Pas, A. B., **Mohns, T.**, Bruneel, E., van Heijst, A. F., Kramer, B. W., Debeer, A., Zonnenberg, I., Marechal, Y., Blom, H., Plaskie, K., Offringa, M., van Kaam, A. H., STOP-BPD Study Group. Effect of Hydrocortisone Therapy Initiated 7 to 14 Days After Birth on Mortality or Bronchopulmonary Dysplasia Among Very Preterm Infants Receiving Mechanical Ventilation: A Randomized Clinical Trial. *JAMA* 2019;321(4):354-363.

Pols, T., de Vries, L. S, Salamon, A. S., Nikkels, P. G. J., Lichtenbelt, K. D., Mulder-de Tollenaer, S. M., van Wezel-Meijler, G. Symmetrical Thalamic Lesions in the Newborn: A Case Series. *Neuropediatrics* 2019;50(3):152-159.

Rovers J. F. J., Thomissen, I. J. C., Janssen, L. C. E., Lingius, S., Wieland, B. V., Dieleman, J. P., **Niemarkt, H. J.**, van Runnard Heimel, P J. The relationship between antenatal indomethacin as a tocolytic drug and neonatal outcomes: a retrospective cohort study. *J Matern Fetal Neonatal Med* 2019;1-7.

Sun, Y., de With, P H N, **Kommers, D.**, Wang, W., Joshi, R., Shan, C., Tan, T., Aarts, R. M., van Pul, C., **Andriessen, P.** Automatic and Continuous Discomfort Detection for Premature Infants in a NICU Using Video-Based Motion Analysis. Conf Proc IEEE Eng Med Biol Soc 2019;2019:5 995-5999.

Thielen, M., Delbressine, F., **Bambang Oetomo, S.**, Feijs, L. Anatomically Realistic Neonatal Heart Model for Use in Neonatal Patient Simulators. J Vis Exp 2019;(144). doi(144):10.3791/56 710.

Völler, S., Flint, R. B., **Andriessen, P.**, Allegaert, K., Zimmermann, L. J. I., Liem, K. D., Koch, B. C., P., Simons, S. H. P., Knibbe, C. A. J., DINO study group. Rapidly maturing fentanyl clearance in preterm neonates. Arch Dis Child Fetal Neonatal Ed 2019 Nov;104(6):F598-F603.

Völler, S., Flint, R. B., Beggah, F., Reiss, I., **Andriessen, P.**, Zimmermann, L. J. I., van den Anker, J N, Liem, K. D., Koch, B. C. P., de Wildt, S., Knibbe, C. A. J., Simons, S. H. P. Recently Registered Midazolam Doses for Preterm Neonates Do Not Lead to Equal Exposure: A Population Pharmacokinetic Model. J Clin Pharmacol 2019 Oct;59(10):1300-1308.

Werth, J., Serteyn, A., **Andriessen, P.**, Aarts, R. M., Long, X. Automated preterm infant sleep staging using capacitive electrocardiography. Physiol Meas 2019 Jun 4;40(5):055003.

PERINATOLOGIE

Thielen MWH

ReVive : designing the newborn life support manikin
Eindhoven; Technische Universiteit Eindhoven; 8 mei 2019.[thesis]

Broeren, M., Nowacki, R., **Halbertsma, F.**, Arents, N., **Zegers, S.** Urine flow cytometry is an adequate screening tool for urinary tract infections in children. Eur J Pediatr 2019;178(3):363-368.

Favie, L. M. A., Groenendaal, F., van den Broek, M P H, Rademaker, C. M. A., de Haan, T. R., v an Straaten, H L M, Dijk, P. H., van Heijst, A., Dudink, J., **Dijkman, K. P.**, Rijken, M., Zonnenberg, I. A., Cools, F., Zecic, A., van der Lee, J H, Nuytemans, D H G M, van Bel, F., Egberts, T. C. G., Huitema, A. D. R., PharmaCool study group. Pharmacokinetics of morphine in en cephalopathic neonates treated with therapeutic hypothermia. PLoS One 2019;14(2):e02119 10.

Favie, L. M. A., Groenendaal, F., van den Broek, M P H, Rademaker, C. M. A., de Haan, T. R., v an Straaten, H L M, Dijk, P. H., van Heijst, A., Simons, S. H. P., **Dijkman, K. P.**, Rijken, M., Zonnenberg, I. A., Cools, F., Zecic, A., van der Lee, J H, Nuytemans, D H G M, van Bel, F., Egberts, T. C. G., Huitema, A. D. R., on behalf of the PharmaCool study group. Phenobarbital, Midazolam Pharmacokinetics, Effectiveness, and Drug-Drug Interaction in Asphyxiated Neonates Undergoing Therapeutic Hypothermia. Neonatology 2019:1-9.

Joshi, R., Bierling, B., Feijs, L., van Pul, C., **Andriessen, P.** Monitoring the respiratory rate of preterm infants using an ultrathin film sensor embedded in the bedding: a comparative feasibility study. *Physiol Meas* 2019 Apr 26;40(4):045003.

Joshi, R., **Kommers, D..**, Long, X., Feijs, L., Van Huffel, S., van Pul, C., **Andriessen, P.** Cardiorespiratory Coupling in Preterm Infants. *J Appl Physiol* (1985) 2019;126(1):202-213.

Joshi, R., Kommers, D., Guo, C., Bikker, J. W., Feijs, L., van Pul, C., **Andriessen, P.** Statistical Modeling of Heart Rate Variability to Unravel the Factors Affecting Autonomic Regulation in Preterm Infants. *Sci Rep* 2019;9(1):7691-z.

Kommers, D. R., Joshi, R., Pul, C. V., Feijs, L., **Bambang Oetomo, S.**, **Andriessen, P.** Changes in autonomic regulation due to Kangaroo care remain unaffected by using a swaddling device. *Acta Paediatr* 2019 Feb;108(2):258-265.

Leclercq, W. K, Uittenbogaart, M., **Niemarkt, H. J.**, van Laar, J. O. Pregnant patient with acute abdominal pain and previous bariatric surgery. *BMJ Case Rep* 2019;12(8):10.1136/bcr-228962.

Noben, L., Goossens, S M T A, de Wit, L. D., **Niemarkt, H. J.**, Oei, S. G, van Laar, J O E H. Breech delivery 'on all fours'. *Ned Tijdschr Geneesk* 2019;163