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Research interests

Meaningful preventive care
Positive health

Employment

Chair board ICUdata

Stichting ICUdata
Netherlands
1-Jan-2022 → present

Dean MCL Academy

Medisch Centrum Leeuwarden
Leeuwarden, Netherlands
1-Apr-2021 → present

Research outputs

The effect of Protein Provision and Exercise Therapy on Patient-Reported and Clinical Outcomes in ICU Survivors: A Systematic Review

Barth, I., Beumeler, L. F. E., Venrooij, L. N., Dijk, O. V., Buter, H. & Boerma, E. C., 21-May-2023, (E-pub ahead of print)
In: Journal of human nutrition and dietetics.

Identifying risk factors for perioperative decline in right ventricular performance in cardiac surgery patients: A prospective observational study in a tertiary care hospital

Bethlehem, C., Bootsma, I. T., De Lange, F. & Boerma, E. C., 24-Feb-2023, In: BMJ Open. 13, 2, e068598.

Real-time, multi-spectral motion artefact correction and compensation for laser speckle contrast imaging

Heeman, W., Maassen, H., Dijkstra, K., Calon, J., van Goor, H., Leuvenink, H., van Dam, G. M. & Boerma, E. C., 15-Dec-2022, In: Scientific Reports. 12, 1, 9 p., 21718.

The prevalence of mental frailty in ICU survivors and informal caregiver strain: A 1-year retrospective study of the Frisian aftercare cohort

Beumeler, L., Bethlehem, C., Hoogstins - Vlagsma, T., van Zutphen, T., Buter, H., Navis, G. & Boerma, C., 7-Dec-2022, (E-pub ahead of print) In: Journal of the intensive care society.

ICONIC study—conservative versus conventional oxygenation targets in intensive care patients: study protocol for a randomized clinical trial

for the ICONIC Investigators and PROVE Network, Dec-2022, In: Trials. 23, 1, 136.

Long-term health-related quality of life, healthcare utilisation and back-to-work activities in intensive care unit survivors: Prospective confirmatory study from the Frisian aftercare cohort

Beumeler, L. F. E., van Wieren, A., Buter, H., van Zutphen, T., Navis, G. J. & Boerma, E. C., 7-Sept-2022, In: PLoS ONE. 17, 9, 11 p., e0273348.

Experimental evaluation of laparoscopic laser speckle contrast imaging to visualize perfusion deficits during intestinal surgery

Heeman, W., Wildeboer, A. C. L., Al-Taher, M., Calon, J. E. M., Stassen, L. P. S., Diana, M., Derikx, J. P. M., van Dam, G. M., Boerma, E. C. & Bouvy, N. D., 6-Sept-2022, In: Surgical endoscopy and other interventional techniques. 8 p.

Laparoscopic Laser Speckle Contrast Imaging Can Visualize Anastomotic Perfusion: A Demonstration in a Porcine Model

Wildeboer, A., Heeman, W., van der Bilt, A., Hoff, C., Calon, J., Boerma, E. C., Al-Taher, M. & Bouvy, N., Aug-2022, In: Life. 12, 8, 8 p., 1251.

The predictive value of phase angle on long-term outcome after ICU admission

Stellingwerf, F., Beumeler, L., Rijnhart-de Jong, H., Boerma, C. & Buter, H., Jun-2022, In: Clinical Nutrition. 41, 6, p. 1256-1259 4 p.

Correction: The effect of treatment and clinical course during Emergency Department stay on severity scoring and predicted mortality risk in Intensive Care patients

Candel, B. G. J., Raven, W., Lameijer, H., Thijssen, W. A. M. H., Termorshuizen, F., Boerma, C., de Keizer, N. F., de Jonge, E. & de Groot, B., 11-May-2022, In: Critical care (London, England). 26, 1, p. 132

The effect of treatment and clinical course during Emergency Department stay on severity scoring and predicted mortality risk in Intensive Care patients

Candel, B. G. J., Raven, W., Lameijer, H., Thijssen, W. A. M. H., Termorshuizen, F., Boerma, C., de Keizer, N. F., de Jonge, E. & de Groot, B., 19-Apr-2022, In: Critical care (London, England). 26, 9 p., 112.

The contemporary pulmonary artery catheter. Part 2: measurements, limitations, and clinical applications

Bootsma, I. T., Boerma, E. C., Scheeren, T. W. L. & de Lange, F., 1-Mar-2022, In: Journal of clinical monitoring and computing. 36, p. 17-31 15 p.

A Novel and Generic Workflow of Indocyanine Green Perfusion Assessment Integrating Standardization and Quantification Towards Clinical Implementation

Noltes, M. E., Metman, M. J. H., Heeman, W., Rotstein, L., van Ginhoven, T. M., Vriens, M. R., Engelsman, A. F., Boerma, C. E., Brouwers, A. H., van Dam, G. M., Pasternak, J. D. & Kruijff, S., Dec-2021, In: Annals of Surgery. 274, 6, p. e659-e663 5 p.

High Versus Normal Blood Pressure Targets in Relation to Right Ventricular Dysfunction After Cardiac Surgery: A Randomized Controlled Trial

Bootsma, I. T., de Lange, F., Scheeren, T. W. L., Jainandunsing, J. S. & Boerma, E. C., Oct-2021, In: Journal of cardiothoracic and vascular anesthesia. 35, 10, p. 2980-2990 11 p.

Association between serosal intestinal microcirculation and blood pressure during major abdominal surgery

Tavy, A. L. M., de Bruin, A. F. J., Boerma, E. C., Ince, C., Hilty, M. P., Noordzij, P. G., Boerma, D. & van Iterson, M., Jul-2021, In: Journal of Intensive Medicine. 1, 1, p. 59-64 6 p.

Letter to the editor in response to "Agreement between continuous and intermittent pulmonary artery thermodilution for cardiac output measurement in perioperative and intensive care medicine: a systematic review and meta-analysis"
de Lange, F., Bootsma, I. T. & Boerma, E. C., 21-Jun-2021, In: Critical care (London, England). 25, 2 p., 215.

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Real-time visualization of renal microperfusion using laser speckle contrast imaging

Heeman, W., Maassen, H., Calon, J., van Goor, H., Leuvenink, H., van Dam, G. M. & Boerma, E. C., May-2021, In: Journal of Biomedical Optics. 26, 5, p. 1-14 14 p., 056004.

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Tavy, A. L. M., de Bruin, A. F. J., van Iterson, M., Smits, A. B., Boerma, E. C., Ince, C., Noordzij, P. G. & Boerma, D., Feb-2021, In: *Clinical Journal of Gastroenterology*. 14, 1, p. 141-145 5 p.

Current use of inotropes in circulatory shock

Scheeren, T. W. L., Bakker, J., Kaufmann, T., Annane, D., Asfar, P., Boerma, E. C., Cecconi, M., Chew, M. S., Cholley, B., Cronhjort, M., De Backer, D., Dubin, A., Duenser, M. W., Duranteau, J., Gordon, A. C., Hajjar, L. A., Hamzaoui, O., Hernandez, G., Kanoore Edul, V., Koster, G., & 23 others Landoni, G., Leone, M., Levy, B., Martin, C., Mebazaa, A., Monnet, X., Morelli, A., Payen, D., Pearse, R. M., Pinsky, M. R., Radermacher, P., Reuter, D. A., Sakr, Y., Sander, M., Saugel, B., Singer, M., Squara, P., Vieillard-Baron, A., Vignon, P., Vincent, J-L., van der Horst, I. C. C., Vistisen, S. T. & Teboul, J-L., 29-Jan-2021, In: *Annals of Intensive Care*. 11, 1, 13 p., 21.

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Koc, V., Benito, L. D., With, E. D. & Boerma, E. C., 4-Dec-2020, In: *Critical Care Research and Practice*. 2020, 7 p., 4836862.

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Automated Algorithm Analysis of Sublingual Microcirculation in an International Multicenter Database Identifies Alterations Associated With Disease and Mechanism of Resuscitation.

Hilty, M. P., Akin, S., Boerma, C., Donati, A., Erdem, Ö., Giaccaglia, P., Guerci, P., Milstein, D., Montomoli, J., Toraman, F., Uz, Z., Veenstra, G. & Ince, C., 1-Oct-2020, In: *Critical Care Medicine*. 48, 10

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The Reduction in Right Ventricular Longitudinal Contraction Parameters Is Not Accompanied by a Reduction in General Right Ventricular Performance During Aortic Valve Replacement: An Explorative Study

Bootsma, I. T., Scheeren, T. W. L., de Lange, F., Jainandunsing, J. S. & Boerma, E. C., Aug-2020, In: *Journal of cardiothoracic and vascular anesthesia*. 34, 8, p. 2140-2147 8 p.

Attitudes of Dutch intensive care unit clinicians towards oxygen therapy

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Intestinal Mucosal and Serosal Microcirculation at the Planned Anastomosis during Abdominal Surgery

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Current use of vasopressors in septic shock

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Press/Media

Hoe betekenisvol is een kankermedicijn van 90.000 euro dat iemands leven met zes weken verlengt?

Evert Christiaan Boerma

20/12/2022

1 item of Media coverage