

Wetenschappelijke publicaties 2022-2023

Algemene/Abdominale heekkunde

- Patteet, E., Van Hoof, S., Hendrickx, T., Van Den Broeck, S., Hubens, G., & Komen, N. (2022). Is length of the rectal stump predictive for postoperative outcome in Hartmann's reversal surgery? A multicenter experience of 105 consecutive cases. *International Journal Of Colorectal Disease*, 37(3), 617–622.
<https://doi.org/10.1007/s00384-021-04090-7>
- Van Hoof, S., Sels, T., Patteet, E., Hendrickx, T., Van Den Broeck, S., Hubens, G., & Komen, N. (2023). Functional outcome after Hartmann's reversal surgery using LARS, COREFO & QoL scores. *The American Journal Of Surgery*, 225(2), 341–346. <https://doi.org/10.1016/j.amjsurg.2022.09.006>
- De Decker, M., Sels, T., Van Hoof, S., Smets, Q., Hendrickx, T., Van Dessel, E., & Komen, N. (2023). Does minimally invasive laser-assisted treatment of pilonidal sinus disease live up to its expectations: a multi-center study with 226 patients. *International Journal Of Colorectal Disease*, 38(1). <https://doi.org/10.1007/s00384-023-04324-w>

Anesthesie

- El-Boghdadly, K., Albrecht, E., Wolmarans, M., Mariano, E. R., Kopp, S., Perlas, A., Thottungal, A., Gadsden, J., Tulgar, S., Adhikary, S., Aguirre, J., Agur, A. M. R., Altıparmak, B., Barrington, M. J., Bedford, N., Blanco, R., Bloc, S., Boretsky, K., Bowness, J., . . . Elkassabany, N. M. (2023). Standardizing nomenclature in regional anesthesia: an ASRA-ESRA Delphi consensus study of upper and lower limb nerve blocks. *Regional Anesthesia And Pain Medicine*, rapm-104884.
<https://doi.org/10.1136/rapm-2023-104884>

- Van Den Broek, R. J. C., Van Meegen, V. M. M., Khawaja, H. A., Bouwman, R. A., & Versyck, B. (2023). Erector spinae plane block improves postoperative recovery after laminectomy and discectomy surgery: a retrospective cohort study. *BMC Anesthesiology*, 23(1). <https://doi.org/10.1186/s12871-023-02271-1>
- Godschalx, V., Vanhoof, M., Soetens, F., Van de Putte, P., Hadzic, A., Van de Velde, M., & Van Herreweghe, I. (2023). The role of gastric ultrasound in anaesthesia for emergency surgery. *European Journal Of Anaesthesiology And Intensive Care*, 2(4), e0027. <https://doi.org/10.1097/ea9.0000000000000027>
- Vermeylen, K., Van Aken, D., Versyck, B., Casaer, S., Bleys, R., Bracke, P., & Groen, G. (2023). Deep posterior gluteal compartment block for regional anaesthesia of the posterior hip: a proof-of-concept pilot study. *BJA Open*, 5, 100127. <https://doi.org/10.1016/j.bjao.2023.100127>
- Versyck, B., Vermeylen, K., Willemse, J., Van Geffen, G., Leunen, I., Soetens, F., Devos, S., & Roosens, L. (2023). Serum concentrations of local anesthetics after unilateral interpectoral-pectoserratus plane block in breast cancer surgery: a pharmacokinetic study. *Regional Anesthesia And Pain Medicine*, 48(8), 399–402. <https://doi.org/10.1136/rapm-2022-104166>
- Chin, K. J., Versyck, B., & Pawa, A. (2022). Ultrasound-guided fascial plane blocks of the chest wall: a reply. *Anaesthesia*, 78(2), 261–262. <https://doi.org/10.1111/anae.15929>
- Gupta, A., Van de Velde, M., Magnuson, A., Von Heymann, C., Guasch, E., Alahuhta, S., Mercier, F. J., & Berg, A. M. S. D. (2022). Factors associated with failed epidural blood patch after accidental dural puncture in obstetrics: a prospective, multicentre, international cohort study. *British Journal Of Anaesthesia*, 129(5), 758–766. <https://doi.org/10.1016/j.bja.2022.06.040>

- Bourgonjon, B., Vermeylen, K., Tytgat, N., & Forget, P. (2022). Anaesthesia for elite athletes. *European Journal Of Anaesthesiology*, 39(10), 825–834.
<https://doi.org/10.1097/eja.0000000000001719>
- Van Den Broek, R. J., Goeteyn, J., Houterman, S., Bouwman, R. A., Versyck, B. J., & Teijink, J. A. (2022). Interpectoral-pectoserratus plane (PECS II) block in patients undergoing trans-axillary thoracic outlet decompression surgery; A prospective double-blind, randomized, placebo-controlled clinical trial. *Journal Of Clinical Anesthesia*, 82, 110939. <https://doi.org/10.1016/j.jclinane.2022.110939>
- Schaubroeck, H., Vandenberghe, W., Boer, W., Boonen, E., Dewulf, B., Bourgeois, C., Dubois, J., Dumoulin, A., Fizez, T., Gunst, J., Hermans, G., Lormans, P., Meersseman, P., Mesotten, D., Stessel, B., Vanhoof, M., De Vlieger, G., & Hoste, E. (2022). Acute kidney injury in critical COVID-19: a multicenter cohort analysis in seven large hospitals in Belgium. *Critical Care*, 26(1). <https://doi.org/10.1186/s13054-022-04086-x>
- Kowark, A., Berger, M., Rossaint, R., Schmid, M., & Coburn, M. (2022). Association between benzodiazepine premedication and 30-day mortality rate: A propensity-score weighted analysis of the Peri-interventional Outcome Study in the Elderly (POSE) *European Journal Of Anaesthesiology*, 39(3), 210–218.
<https://doi.org/10.1097/eja.0000000000001638>
- Author_Id, N. (2022). Peri-interventional outcome study in the elderly in Europe: A 30-day prospective cohort study. *Eur J Anaesthesiol*, 39(3), 198–209.
<https://doi.org/10.1097/EJA.0000000000001639>
- Roelands, S., Lebrun, C., & Soetens, F. (2022). Ultrasound-guided superficial cervical plexus block in the treatment of post-herpetic neuralgia. *Pain Practice*, 22(3), 414–415. <https://doi.org/10.1111/papr.13095>

Cardiologie

- Nissen, S. E., Lincoff, A. M., Brennan, D., Ray, K. K., Mason, D., Kastelein, J. J., Thompson, P. D., Libby, P., Cho, L., Plutzky, J., Bays, H. E., Moriarty, P. M., Menon, V., Grobbee, D. E., Louie, M. J., Chen, C., Li, N., Bloedon, L., Robinson, P., . . . Nicholls, S. J. (2023). Bempedoic Acid and Cardiovascular Outcomes in Statin-Intolerant Patients. *New England Journal Of Medicine/The New England Journal Of Medicine*, 388(15), 1353–1364. <https://doi.org/10.1056/nejmoa2215024>
- Mullens, W., Dauw, J., Martens, P., Verbrugge, F. H., Nijst, P., Meekers, E., Tartaglia, K., Chenot, F., Moubayed, S., Dierckx, R., Blouard, P., Troisfontaines, P., Derthoo, D., Smolders, W., Bruckers, L., Droogne, W., Ter Maaten, J. M., Damman, K., Lassus, J., . . . Dupont, M. (2022). Acetazolamide in Acute Decompensated Heart Failure with Volume Overload. *New England Journal Of Medicine/The New England Journal Of Medicine*, 387(13), 1185–1195. <https://doi.org/10.1056/nejmoa2203094>
- Mullens, W., Dauw, J., Martens, P., Meekers, E., Nijst, P., Verbrugge, F. H., Chenot, F., Moubayed, S., Dierckx, R., Blouard, P., Derthoo, D., Smolders, W., Ector, B., Hulselmans, M., Lochy, S., Raes, D., Van Craenenbroeck, E., Vandekerckhove, H., Hofkens, P., . . . Dupont, M. (2022). Acetazolamide in Decompensated Heart Failure with Volume Overload trial (ADVOR): baseline characteristics. *European Journal Of Heart Failure*, 24(9), 1601–1610. <https://doi.org/10.1002/ejhf.2587>
- Pauwels, R., Zeegers, M., Koshy, P., Verbrugghe, P., & Hofkens, P. (2023). Bartonella henselae endocarditis and glomerulonephritis. *Acta Cardiologica*, 79(1), 81–83. <https://doi.org/10.1080/00015385.2023.2257529>
- Buonocore, M., De Meester, P., Brusselmans, M., Van Puyvelde, T., Verrijcken, A., Rega, F., & Verbelen, T. (2023). Secondary tricuspid valve regurgitation after isolated

aortic valve replacement: outcomes and predictors. *European Journal Of Cardio-thoracic Surgery*, 64(5). <https://doi.org/10.1093/ejcts/ezad275>

- Diletti, R., Dekker, W. K. D., Bennett, J., Schotborgh, C. E., Van Der Schaaf, R., Sabaté, M., Moreno, R., Ameloot, K., Van Bommel, R., Forlani, D., Van Reet, B., Esposito, G., Dirksen, M. T., Ruifrok, W. P. T., Everaert, B. R. C., Van Mieghem, C., Elscot, J. J., Cummins, P., Lenzen, M., . . . Van Mieghem, N. M. (2023). Immediate versus staged complete revascularisation in patients presenting with acute coronary syndrome and multivessel coronary disease (BIOVASC): a prospective, open-label, non-inferiority, randomised trial. *Lancet*, 401(10383), 1172–1182. [https://doi.org/10.1016/s0140-6736\(23\)00351-3](https://doi.org/10.1016/s0140-6736(23)00351-3)
- Van Keer, J., Deschepper, C., & Spapen, J. (2022). A dangling right heart tumour. *European Heart Journal*, 43(43), 4601. <https://doi.org/10.1093/eurheartj/ehac501>
- Wei, D., Trenson, S., Van Keer, J. M., Melgarejo, J., Cutsforth, E., Thijs, L., He, T., Latosinska, A., Ciarka, A., Vanassche, T., Van Aelst, L., Janssens, S., Van Cleemput, J., Mischak, H., Staessen, J. A., Verhamme, P., & Zhang, Z. (2022). The novel proteomic signature for cardiac allograft vasculopathy. *ESC Heart Failure*, 9(2), 1216–1227. <https://doi.org/10.1002/ehf2.13796>
- Cajita, M. I., Denhaerynck, K., Berben, L., Dobbels, F., Van Cleemput, J., Crespo-Leiro, M., Van Keer, J., Poncelet, A. J., Russell, C., & De Geest, S. (2021). Is degree of chronic illness management in heart transplant centers associated with better patient survival? Findings from the intercontinental BRIGHT study. *Chronic Illness*, 18(4), 806–817. <https://doi.org/10.1177/17423953211039773>

Gastro-enterologie

- Peyrin-Biroulet, L., Rahier, J., Kirchgesner, J., Abitbol, V., Shaji, S., Armuzzi, A., Karmiris, K., Gisbert, J. P., Bossuyt, P., Helwig, U., Burisch, J., Yanai, H., Doherty, G. A., Magro, F., Molnar, T., Löwenberg, M., Halfvarson, J., Zagorowicz, E., Rousseau, H., . . . Coutard, L. (2023). I-CARE, a European Prospective Cohort Study Assessing Safety and Effectiveness of Biologics in Inflammatory Bowel Disease. *Clinical Gastroenterology And Hepatology*, 21(3), 771-788.e10. <https://doi.org/10.1016/j.cgh.2022.09.018>
- Bregni, G., Pretta, A., Senti, C., Reina, E. A., Vandeputte, C., Trevisi, E., Gkolfakis, P., Kehagias, P., Deleporte, A., Van Laethem, J., Vergauwe, P., Van Den Eynde, M., Deboever, G., Janssens, J., Demolin, G., Holbrechts, S., Clausse, M., De Grez, T., Peeters, M., . . . Sciafani, F. (2022). Circulating DNA in the neoadjuvant setting of early stage colon cancer. *Acta Oncologica*, 61(10), 1223–1229. <https://doi.org/10.1080/0284186x.2022.2101023>
- Van Thillo, A., Buyck, P., Van Gool, S., Croonen, C., & Maleux, G. (2022). Upper gastrointestinal bleeding related to an eroded gastrosplenic collateral lately after splenic artery embolization. *CVIR Endovascular*, 5(1). <https://doi.org/10.1186/s42155-022-00322-1>
- Van Der Wiel, S. E., Rauws, E., Van Gool, S., Wang, D., Hu, B., Kylanpaa, L., Webster, G. J., James, M., Koch, A. D., & Bruno, M. (2023). Impact of ERCP simulator training on early ERCP learning curves of novice trainees: a cohort study. *Endoscopy International Open*, 11(08), E690–E696. <https://doi.org/10.1055/a-2114-2842>

- Boogaerts, M., Van Audenhove, C., Boes, J., & Van Calenbergh, S. (2023). Evaluatie van foetomaternale transfusie via bloedonderzoek: betrouwbaarheid van de resultaten en nut van analyse bij trauma en uitwendige kering. *Gunaïkeia*, 28(6), 30–33.
- Hofmans, C., De Vree, B., & Van Calenbergh, S. (2023). Laparoscopic niche repair: A small retrospective multicenter study. *Journal Of Endometriosis And Uterine Disorders*, 3, 100037. <https://doi.org/10.1016/j.jeud.2023.100037>

Laboratoriumgeneeskunde

- Peeters, M., Schenk, J., De Somer, T., Roskams, T., Locus, T., Klamer, S., Subissi, L., Suin, V., Delwaide, J., Stärkel, P., De Maeght, S., Willems, P., Colle, I., Van Hoof, M., Van Acker, J., Van Steenkiste, C., Moreno, C., Janssens, F., Reynders, M., . . . Vanwolleghem, T. (2023). Viral clade is associated with severity of symptomatic genotype 3 hepatitis E virus infections in Belgium, 2010–2018. *Journal Of Hepatology*, 78(1), 67–77. <https://doi.org/10.1016/j.jhep.2022.08.033>
- Cuykx, M., Develter, M., Verschaeren, J., Leenaerts, D., Willemse, J., & Boes, J. (2022). Quality control of total carbon dioxide (CO₂) in serum or plasma using the Abbott Architect is affected by environmental pCO₂ concentrations. *Annals Of Clinical Biochemistry*, 60(1), 46–53. <https://doi.org/10.1177/00045632221128680>
- Cuykx, M., Hodossy, B., Vrelust, I., Develter, M., Maes, B., Boes, J., & Willemse, J. (2023). Case series of two patients with KIT D816V positive systemic mastocytosis with associated chronic myelomonocytic leukaemia. *Belgian Journal Of Hematology*, 14, 178–182.
- Boogaerts, M., Van Audenhove, C., Boes, J., & Van Calenbergh, S. (2023). Evaluatie van foetomaternale transfusie via bloedonderzoek: betrouwbaarheid van de resultaten en nut van analyse bij trauma en uitwendige kering. *Gunaïkeia*, 28(6), 30–33.

Nefrologie

- Beunen, K., Van Wilder, N., Ballaux, D., Vanhaverbeke, G., Taes, Y., Aers, X., Nobels, F., Marlier, J., Lee, D., Cuypers, J., Preumont, V., Siegelhaar, S. E., Painter, R. C., Laenen, A., Gillard, P., Mathieu, C., & Benhalima, K. (2023). Closed-loop insulin delivery in pregnant women with type 1 diabetes (CRISTAL): a multicentre randomized controlled trial – study protocol. *BMC Pregnancy And Childbirth*, 23(1). <https://doi.org/10.1186/s12884-023-05481-0>
- Minschart, C., Myngheer, N., Maes, T., De Block, C., Van Pottelbergh, I., Abrams, P., Vinck, W., Leuridan, L., Driessens, S., Mathieu, C., Billen, J., Matthys, C., Laenen, A., Bogaerts, A., & Benhalima, K. (2023). Weight retention and glucose intolerance in early postpartum after gestational diabetes. *European Journal Of Endocrinology*, 188(5), 438–447. <https://doi.org/10.1093/ejendo/lvad053>

Neurologie

- Zong, S., Vinke, A. M., Du, P., Hoffmann, C., Mané-Damas, M., Molenaar, P. C., Damoiseaux, J. G. M. C., Losen, M., Rouhl, R. P. W., & Martinez-Martinez, P. (2023). Anti-GAD65 autoantibody levels measured by ELISA and alternative types of immunoassays in relation to neuropsychiatric diseases versus diabetes mellitus type 1. *Frontiers in Neurology*, 14. <https://doi.org/10.3389/fneur.2023.1111063>
- Vinke, A. M., Zong, S., Janssen, J. H., Correia-Hoffmann, C., Mané-Damas, M., Damoiseaux, J. G., De Vries, J., Pröpper, D., Molenaar, P., Losen, M., Martinez, P. M., & Rouhl, R. P. (2022). Autoimmune Encephalitis With mGluR1 Antibodies Presenting With Epilepsy, but Without Cerebellar Signs. *Neurology® Neuroimmunology & Neuroinflammation*, 9(4). <https://doi.org/10.1212/nxi.0000000000001171>

- Leemans, W., Antonis, S., De Vooght, W., Lemmens, R., & Van Damme, P. (2022). Neuromuscular complications after COVID-19 vaccination: a series of eight patients. *Acta Neurologica Belgica/Acta Neurologica Belgica*, 122(3), 753–761. <https://doi.org/10.1007/s13760-022-01941-0>

NKO

- Martens, S., Dhooge, I., Dhondt, C., Vanaudenaerde, S., Sucaet, M., Van Hoecke, H., De Leenheer, E., Rombaut, L., Boudewyns, A., Desloovere, C., Vinck, A., De Varebeke, S. J., Verschueren, D., Verstreken, M., Foulon, I., Staelens, C., De Valck, C., Calcoen, R., Lemkens, N., . . . Maes, L. (2022). Three Years of Vestibular Infant Screening in Infants With Sensorineural Hearing Loss. *Pediatrics*, 150(1). <https://doi.org/10.1542/peds.2021-055340>
- Van Laer, L., Hallemans, A., Van Rompaey, V., De Valck, C., Van de Heyning, P., & Vereeck, L. (2022). Subjective perception of activity level: A prognostic factor for developing chronic dizziness after vestibular schwannoma resection? *Frontiers in Neurology*, 13. <https://doi.org/10.3389/fneur.2022.925801>

Oftalmologie

- Kodjikian, L., Bandello, F., De Smet, M., Dot, C., Zarranz-Ventura, J., Loewenstein, A., Sudhalkar, A., Bilgic, A., Cunha-Vaz, J., Dirven, W., Behar-Cohen, F., & Mathis, T. (2022). Fluocinolone acetonide implant in diabetic macular edema: International experts' panel consensus guidelines and treatment algorithm. *European Journal Of Ophthalmology*, 32(4), 1890–1899. <https://doi.org/10.1177/11206721221080288>

Orthopedie

- Beckers, L., Colyn, W., Bellemans, J., Victor, J., & Vandekerckhove, P. (2022). The contralateral limb is no reliable reference to restore coronal alignment in TKA. *Knee Surgery, Sports Traumatology, Arthroscopy*, 30(2), 477–487.
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- Colyn, W., Neiryck, J., Vanlommel, E., Bruckers, L., & Bellemans, J. (2022). Primary constrained-condylar-knee designs outperform posterior-stabilized and cruciate-retaining designs in high-grade varus osteoarthritic knees during short-term follow-up: a pilot study. *Archives Of Orthopaedic And Trauma Surgery*, 143(3), 1593–1598. <https://doi.org/10.1007/s00402-022-04447-9>
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- Colyn, W., Bruckers, L., Scheys, L., Truijen, J., Smeets, K., & Bellemans, J. (2023). Changes in coronal knee-alignment parameters during the osteoarthritis process in the varus knee. *Journal Of ISAKOS*, 8(2), 68–73.
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- Colyn, W., Azari, F., Bellemans, J., Van Lenthe, G. H., & Scheys, L. (2023). Microstructural adaptations of the subchondral bone are related to the mechanical axis deviation in end stage varus OA knees. *European Cells & Materials*, 45, 60–71.
<https://doi.org/10.22203/ecm.v045a05>

- Colyn, W., Vanbecelaere, L., Bruckers, L., Scheys, L., & Bellemans, J. (2023). The effect of weight-bearing positions on coronal lower limb alignment: A systematic review. *Knee/The Knee*, 43, 51–61. <https://doi.org/10.1016/j.knee.2023.05.004>

Pediatrie

- Weyns, A., Verlaet, A. A., Breynaert, A., Naessens, T., Fransen, E., Verhelst, H., Van West, D., Van Ingelghem, I., Jonckheere, A. I., Beysen, D., Kenis, S., Moens, E., Van Roest, A. P., Savelkoul, H. F., De Bruyne, T., Pieters, L., Ceulemans, B., & Hermans, N. (2022). Clinical Investigation of French Maritime Pine Bark Extract on Attention-Deficit Hyperactivity Disorder as compared to Methylphenidate and Placebo: Part 1: Efficacy in a Randomised Trial. *Journal Of Functional Foods*, 97, 105246. <https://doi.org/10.1016/j.jff.2022.105246>
- Weyns, A., Verlaet, A. A., Van Herreweghe, M., Breynaert, A., Fransen, E., De Meester, I., Logie, E., Vanden Berghe, W., Verhelst, H., Van West, D., Van Ingelghem, I., Jonckheere, A. I., Beysen, D., Kenis, S., Moens, E., Van Roest, A. P., Savelkoul, H. F., De Bruyne, T., Pieters, L., . . . Hermans, N. (2022). Clinical Investigation of French Maritime Pine Bark Extract on Attention-Deficit Hyperactivity Disorder as compared to Methylphenidate and Placebo: Part 2: Oxidative Stress and Immunological Modulation. *Journal Of Functional Foods*, 97, 105247. <https://doi.org/10.1016/j.jff.2022.105247>

Pneumologie

- Bar, J., Peled, N., Schokrpur, S., Wolner, M., Rotem, O., Girard, N., Nana, F. A., Derijcke, S., Kian, W., Patel, S., Gantz-Sorotsky, H., Zer, A., Moskovitz, M., Metro, G., Rottenberg, Y., Calles, A., Hochmair, M., Cuppens, K., Decoster, L., . . . Addeo,

A. (2022). UNcommon EGFR Mutations: International Case Series on Efficacy of Osimertinib in Real-Life Practice in First-Line Setting (UNICORN). *Journal Of Thoracic Oncology*, 18(2), 169–180. <https://doi.org/10.1016/j.jtho.2022.10.004>

- Cuppens, K., Baas, P., Geerdens, E., Cruys, B., Froyen, G., Decoster, L., Thomeer, M., & Maes, B. (2022). HLA-I diversity and tumor mutational burden by comprehensive next-generation sequencing as predictive biomarkers for the treatment of non-small cell lung cancer with PD-(L)1 inhibitors. *Lung Cancer*, 170, 1–10. <https://doi.org/10.1016/j.lungcan.2022.05.019>
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- Gyselinck, I., Liesenborghs, L., Belmans, A., Engelen, M. M., Betraings, A., Van Thillo, Q., Nguyen, P. A. H., Goeminne, P., Soenen, A., De Maeyer, N., Pilette, C., Papeux, E., Vanderhelst, E., Derweduwen, A., Alexander, P., Bouckaert, B., Martinot, J., Decoster, L., Vandeurzen, K., . . . Vos, R. (2022). Azithromycin for treatment of hospitalised COVID-19 patients: a randomised, multicentre, open-label clinical trial (DAWn-AZITHRO). *ERJ Open Research*, 8(1), 00610–02021. <https://doi.org/10.1183/23120541.00610-2021>

Radiotherapie

- Soffers, F., Helsen, N., Van Den Wyngaert, T., Carp, L., Hoekstra, O. S., Goethals, L., Martens, M., Deben, K., Spaepen, K., De Bree, R., De Geeter, F., Zwezerijnen, G. J.

C., Van Laer, C., Maes, A., Lenssen, O., Stroobants, S., Beels, L., Cambier, J., Carp, L., . . . Zwezerijnen, G. (2022). Dual time point imaging in locally advanced head and neck cancer to assess residual nodal disease after chemoradiotherapy. *EJNMMI Research*, 12(1). <https://doi.org/10.1186/s13550-022-00905-y>

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