

P95 publications list

2021

Alexandridou, M., T. Cattaert and T. Verstraeten (2021). "Estimation of Risk of Death Attributable to Acute Gastroenteritis Not Caused by Clostridioides difficile Infection Among Hospitalized Adults in England." *Clin Epidemiol* **13**: 309-315. 10.2147/CLEP.S296516

Baay, M., B. Lina, A. Fontanet, A. Marchant, M. Saville, P. Sabot, J. Vandeputte and P. Neels (2021). "Virology, epidemiology, immunology and vaccine development of SARS-CoV-2, update after nine months of pandemic." *Biologicals* **69**: 76-82. 10.1016/j.biologicals.2020.11.003

Baay, M. and P. Neels (2021). "Controlled Human Infection to Speed Up SARS-CoV-2 Vaccine Development." *Front Immunol* **12**: 658783. 10.3389/fimmu.2021.658783

Biccler, J., K. Bollaerts, P. Vora, E. Sole, L. A. G. Rodriguez, A. Lanás, R. E. Langley and M. S. Gabarró (2021). "Public health impact of low-dose aspirin on colorectal cancer, cardiovascular disease and safety in the UK - Results from micro-simulation model." *Int J Cardiol Heart Vasc* **36**: 100851. 10.1016/j.ijcha.2021.100851

Bollaerts, K., M. A. Fletcher, J. A. Suaya, G. Hanquet, M. Baay and B. D. Gessner (2021). "Vaccine-Preventable Disease Incidence Based on Clinically, Radiologically and Etiologically Confirmed Outcomes: Systematic Literature Review and Re-analysis of Pneumococcal Conjugate Vaccine Efficacy Trials." *Clin Infect Dis*. 10.1093/cid/ciab649

Bonten, M., J. R. Johnson, A. H. J. van den Biggelaar, L. Georgalis, J. Geurtsen, P. I. de Palacios, S. Gravenstein, T. Verstraeten, P. Hermans and J. T. Poolman (2021). "Epidemiology of Escherichia coli Bacteremia: A Systematic Literature Review." *Clin Infect Dis* **72**(7): 1211-1219. 10.1093/cid/ciaa210

Calduch, E. N., T. Cattaert and T. Verstraeten (2021). "Model estimates of hospitalization discharge rates for norovirus gastroenteritis in Europe, 2004-2015." *BMC Infect Dis* **21**(1): 757. 10.1186/s12879-021-06421-z

Carmona, A., C. Munoz-Quiles, A. Stuurman, A. Descamps, A. Mira-Iglesias, L. Torcel-Pagnon and J. Diez-Domingo (2021). "Challenges and Adaptation of a European Influenza Vaccine Effectiveness Study Platform in Response to the COVID-19 Emergence: Experience from the DRIVE Project." *Int J Environ Res Public Health* **18**(3). 10.3390/ijerph18031058

Eigner, U., T. Verstraeten and J. Weil (2021). "Decrease in norovirus infections in Germany following COVID-19 containment measures." *J Infect* **82**(6): 276-316. 10.1016/j.jinf.2021.02.012

Kremsner, P. G., P. Mann, A. Kroidl, I. Leroux-Roels, C. Schindler, J. J. Gabor, M. Schunk, G. Leroux-Roels, J. J. Bosch, R. Fendel, A. Kreidenweiss, T. P. Velavan, M. Fotin-Mleczek, S. O. Mueller, G. Quintini, O. Schönborn-Kellenberger, D. Vahrenhorst, T. Verstraeten, M. Alves de Mesquita, L. Walz, O. O. Wolz and L. Oostvogels (2021). "Safety and immunogenicity of an mRNA-lipid nanoparticle vaccine candidate against SARS-CoV-2 : A phase 1 randomized clinical trial." *Wien Klin Wochenschr*: 1-11. 10.1007/s00508-021-01922-y

Méroc, E., J. Fröberg, T. Almasi, B. A. Winje, A. Orrico-Sánchez, A. Steens, S. A. McDonald, K. Bollaerts and M. J. Knol (2021). "European data sources for computing burden of (potential) vaccine-preventable diseases in ageing adults." *BMC Infect Dis* **21**(1): 345. 10.1186/s12879-021-06017-7

Poljak, M., K. Cuschieri, D. E. Waheed, M. Baay and A. Vorsters (2021). "Impact of the COVID-19 pandemic on human papillomavirus-based testing services to support cervical cancer screening." *Acta Dermatovenerol Alp Pannonica Adriat* **30**(1): 21-26.

Saegerman, C., A. F. Donneau, N. Speybroeck, A. N. Diep, A. Williams, L. Stamatakis, W. Coppieters, F. Michel, C. Breuer, M. Dandoy, O. Ek, C. Gourzones, J. Schyns, E. Goffin, F. Minner, V. Renault, L. Gillet and F. Bureau (2021). "Repetitive saliva-based mass screening as a tool for controlling SARS-CoV-2 transmission in nursing homes." *Transbound Emerg Dis*. 10.1111/tbed.14280

Safadi, M. A., M. Riera-Montes, L. Bravo, A. Tangsathapornpong, R. Lagos, U. Thisyakorn, A. C. Linhares, R. Capeding, O. Prommalikit, T. Verstraeten and M. O'Ryan (2021). "The burden of norovirus disease in children: a multi-country study in Chile, Brazil, Thailand and the Philippines." *Int J Infect Dis*. 10.1016/j.ijid.2021.06.037

Stuurman, A. L., J. Biccler, A. Carmona, A. Descamps, J. Diez-Domingo, C. Munoz-Quiles, H. Nohynek, C. Rizzo, M. Riera-Montes and D. P. Partners (2021). "Brand-specific influenza vaccine effectiveness estimates during 2019/20 season in Europe - Results from the DRIVE EU study platform." *Vaccine* **39**(29): 3964-3973. 10.1016/j.vaccine.2021.05.059

Stuurman, A. L., S. Ciampini, A. Vannacci, A. Bella, C. Rizzo, C. Muñoz-Quiles, E. Pandolfi, H. Liyanage, M. Haag, M. Redlberger-Fritz, R. Bonaiuti and P. Beutels (2021). "Factors driving choices between types and brands of influenza vaccines in general practice in Austria, Italy, Spain and the UK." *PLoS One* **16**(6): e0252836. 10.1371/journal.pone.0252836

Stuurman, A. L., C. Rizzo and M. Haag (2021). "Investigating the procurement system for understanding seasonal influenza vaccine brand availability in Europe." *PLoS One* **16**(4): e0248943. 10.1371/journal.pone.0248943

Suaya, J. A., M. A. Fletcher, L. Georgalis, A. G. Arguedas, J. M. McLaughlin, G. Ferreira, C. Theilacker, B. D. Gessner and T. Verstraeten (2021). "Identification of Streptococcus pneumoniae in hospital-acquired pneumonia in adults." *J Hosp Infect* **108**: 146-157. 10.1016/j.jhin.2020.09.036

Vandeputte, J., M. Saville, M. Cavaleri, M. Friede, A. Hacker, S. O. Mueller, R. Rizzi, D. Smith, S. Thirstrup, R. Wagner, M. Baay and P. Neels (2021). "IABS/CEPI platform technology webinar: Is it possible to reduce the vaccine development time?" *Biologicals* **71**: 55-60. 10.1016/j.biologicals.2021.04.005

Waheed, D. E., J. Schiller, M. Stanley, E. L. Franco, M. Poljak, S. K. Kjaer, M. Del Pino, F. van der Klis, M. F. Schim van der Loeff, M. Baay, P. Van Damme and A. Vorsters (2021). "Human papillomavirus vaccination in adults: impact, opportunities and challenges - a meeting report." *BMC Proc* **15**(Suppl 7): 16. 10.1186/s12919-021-00217-4

Willame, C., C. Dodd, L. van der Aa, G. Picelli, H. D. Emborg, J. Kahlert, R. Gini, C. Huerta, E. Martin-Merino, C. McGee, S. de Lusignan, G. Roberto, M. Villa, D. Weibel, L. Titievsky and M. Sturkenboom (2021). "Incidence Rates of Autoimmune Diseases in European Healthcare Databases: A Contribution of the ADVANCE Project." *Drug Saf* **44**(3): 383-395. 10.1007/s40264-020-01031-1

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Arlegui, H., K. Bollaerts, V. Bauchau, G. Nachbaur, B. Begaud and N. Praet (2020). "Benefit-Risk Assessment of Vaccines. Part II: Proposal Towards Consolidated Standards of Reporting Quantitative Benefit-Risk Models Applied to Vaccines (BRIVAC)." *Drug Saf* **43**(11): 1105-1120. 10.1007/s40264-020-00982-9

Arlegui, H., K. Bollaerts, F. Salvo, V. Bauchau, G. Nachbaur, B. Begaud and N. Praet (2020). "Benefit-Risk Assessment of Vaccines. Part I: A Systematic Review to Identify and Describe Studies About Quantitative Benefit-Risk Models Applied to Vaccines." *Drug Saf* **43**(11): 1089-1104. 10.1007/s40264-020-00984-7

Arora, N. K., M. K. Das, R. Poluru, N. K. Kashyap, T. Mathew, J. Mathai, M. K. Aggarwal, P. Haldar, T. Verstraeten, P. L. F. Zuber and I. V. S. S. Group (2020). "A Prospective Cohort Study on the Safety of Infant Pentavalent (DTwP-HBV-Hib) and Oral Polio Vaccines in Two South Indian Districts." *Pediatr Infect Dis J* **39**(5): 389-396. 10.1097/INF.0000000000002594

Baay, M., B. Lina, A. Fontanet, A. Marchant, M. Saville, P. Sabot, P. Duclos, J. Vandeputte and P. Neels (2020). "SARS-CoV-2: Virology, epidemiology, immunology and vaccine development." *Biologicals* **66**: 35-40. 10.1016/j.biologicals.2020.06.005

Baay, M. and P. Neels (2020). "SARS-CoV-2 controlled human infection models: Ethics, challenge agent production and regulatory issues." *Biologicals* **67**: 69-74. 10.1016/j.biologicals.2020.08.006

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Bollaerts, K., A. Rekkas, T. De Smedt, C. Dodd, N. Andrews and R. Gini (2020). "Disease misclassification in electronic healthcare database studies: Deriving validity indices-A contribution from the ADVANCE project." *PLoS One* **15**(4): e0231333. 10.1371/journal.pone.0231333

Bonten, M., T. Verstraeten, S. Gravenstein and J. Poolman (2020). "Reply to Baird and Douglas." *Clin Infect Dis*. 10.1093/cid/ciaa1106

Bourke, A., W. G. Dixon, A. Roddam, K. J. Lin, G. C. Hall, J. R. Curtis, S. N. van der Veer, M. Soriano-Gabarró, J. K. Mills, J. M. Major, T. Verstraeten, M. J. Francis and D. B. Bartels (2020). "Incorporating patient generated health data into pharmacoepidemiological research." *Pharmacoepidemiol Drug Saf* **29**(12): 1540-1549. 10.1002/pds.5169

Braeye, T., H. D. Emborg, A. Llorente-Garcia, C. Huerta, E. Martin-Merino, T. Duarte-Salles, G. Danieli, L. Tramontan, D. Weibel, C. McGee, M. Villa, R. Gini, M. Lehtinen, L. Titievsky and M. Sturkenboom (2020). "Age-specific vaccination coverage estimates for influenza, human papillomavirus and measles containing vaccines from seven population-based healthcare databases from four EU countries - The ADVANCE project." *Vaccine* **38**(16): 3243-3254. 10.1016/j.vaccine.2020.02.082

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Hall, G. C., S. Lanes, K. Bollaerts, X. Zhou, G. Ferreira and R. Gini (2020). "Outcome misclassification: Impact, usual practice in pharmacoepidemiology database studies and an online aid to correct biased estimates of risk ratio or cumulative incidence." *Pharmacoepidemiol Drug Saf* **29**(11): 1450-1455. 10.1002/pds.5109

Khan, A. S., J. Blumel, D. Deforce, M. F. Gruber, C. Jungback, I. Knezevic, L. Mallet, D. Mackay, J. Matthijssens, M. O'Leary, S. Theuns, J. Victoria and P. Neels (2020). "Report of the second international conference on next generation sequencing for adventitious virus detection in biologics for humans and animals." *Biologicals* **67**: 94-111. 10.1016/j.biologicals.2020.06.002

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Tin Tin Htar, M., S. Jackson, P. Balmer, L. C. Serra, A. Vyse, M. Slack, M. Riera-Montes, D. L. Swerdlow and J. Findlow (2020). "Systematic literature review of the impact and effectiveness of monovalent meningococcal C conjugated vaccines when used in routine immunization programs." *BMC Public Health* **20**(1): 1890. 10.1186/s12889-020-09946-1

Van Baarle, D., K. Bollaerts, G. Del Giudice, S. Lockhart, C. Luxemburger, M. J. Postma, A. Timen, B. Standaert and I. D. i. t. A. P. c. Vaccines (2020). "Preventing infectious diseases for healthy ageing: The VITAL public-private partnership project." *Vaccine* **38**(37): 5896-5904. 10.1016/j.vaccine.2020.07.005

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