

Curriculum vitae

Personal information

Carole Elodie AUBERT
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Nationality: Swiss
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Non-medical education and qualifications

2005 Piano teaching diploma, *best graduate*, High school of music, Neuchâtel
2005 Cello certificate for nonprofessional study, *best graduate*, High school of music, Neuchâtel
07/2001 – 06/2005 High school of music, Neuchâtel
06/2003 Bilingual French German Baccalaureate, *best graduate*, Lycée Jean-Piaget, Neuchâtel
08/2000 – 06/2003 High school at Lycée Jean-Piaget, Neuchâtel
08/1991 – 07/2000 Basic education, Le Landeron (NE)

Medical education and qualifications

18.01.2018 **Board Certification in General Internal Medicine** (*Foederatio Medicorum Helveticorum*)
01/2018 Refresh Advanced Cardiac Life Support (ACLS) certification, Zurich
11/2017 Problem-based learning for medical students, tutor certification, Bern University
14.07.2015 Swiss Board Examination in General Internal Medicine, Basel. *Best performance group (quartile 1)*
04/2014 Basic ultrasonography, Swiss Society of Ultrasonography in Medicine, Riaz Hospital, Riaz (FR)
02/2014 Advanced Cardiac Life Support (ACLS) certification, Lausanne
16.04.2013 **Medical Doctor**. Title of doctoral thesis: *Étude des mécanismes de la calcification artérielle des membres inférieurs dans le diabète dans une perspective thérapeutique, “Étude DIACART”*, University of Lausanne. Advisor: Dr. J. Ruiz. Co-Advisor: Prof. A. Hartemann
06/2012 University degree “diabetic foot”, Pierre and Marie Curie University, Paris
21.10.2011 **Swiss Federal Medical Diploma**, Lausanne University. *Best performance group (quartile 1)*
01.07.2011 Master of medicine, Lausanne University. *Average grade: 6.0*
01.06.2008 Bachelor of medicine, Lausanne University. *Average grade: 5.9*
09/2005 – 09/2011 Studies in human medicine, Lausanne University

Research education and qualifications

07/2019 – 05/2021 Research fellowship and Master in Health and Healthcare Research, Institute for Healthcare Policy and Innovation, University of Michigan, Ann Arbor, MI, USA. Advisor: Prof. E. Kerr
06. – 10.08.2018 Course on causal inference, Prof. M. Hernán (Harvard School of Public Health, Boston), Summer School, Erasmus MC Netherlands Institute for Health Sciences, Rotterdam, NL
16. – 20.07.2018 Observational epidemiology workshop: advanced methods for data and exposure-response analyses, Prof. J. Schwartz (Harvard School of Public Health, Boston), Swiss School of Public Health, Basel
18. – 19.06.2018 Introduction to R: Data Analysis and Visualization, Bern University
04. – 06.07.2016 Seminar of Clinical Research, Foundation for the Development of Internal Medicine in Europe and European Federation of Internal Medicine, Paris
14. – 15.09.2015 Introduction to the Statistical Software Stata[®], Swiss School of Public Health, Bern
18. – 20.05.2015 Systematic Reviews and Meta-Analysis: a Practical Approach, Swiss School of Public Health, Bern
23.04.2015 TRREE training program in research clinic evaluation certification (*Good Clinical Practice*), Bern

Medical clinical and research employment

07/2019 – 05/2021 Research fellowship (Prof. E. Kerr), Veterans Affairs Center for Clinical Management Research and Institute for Healthcare Policy and Innovation, University of Michigan, Ann Arbor, MI, USA
08/2018 – current Research affiliate, Institute of Primary Health Care (BIHAM; Prof. N. Rodondi), University of Bern
08/2017 – current Chief residency (*Oberärztin*), Department of General Internal Medicine (Prof. D. Aujesky), Inselspital, Bern University Hospital, Bern
12/2014 – 07/2017 Residency (*Assistentärztin*), Department of General Internal Medicine (Prof. D. Aujesky), Inselspital, Bern University Hospital, Bern
05/2015 – 12/2015 Research fellowship, Department of General Internal Medicine (Prof. N. Rodondi), Inselspital, Bern University Hospital, Bern
12/2012 – 11/2014 Residency, Department of Internal Medicine (Prof. D. Hayoz), Fribourg Cantonal Hospital, Fribourg
10/2011 – 11/2012 Research fellowship, Diabetology (Prof. A. Hartemann), Pitié-Salpêtrière University Hospital, Paris
05/2010 – 04/2011 Professional training: Internal Medicine (Sursee), Paediatrics (Lucerne), Dermatology (Paris), Immunohematology (Paris), Psychiatry (Monthey), General Practitioner (La Chaux-de-Fonds), General Surgery (Sion), Gynecology–Obstetrics (Sursee)
08/2010 Professional training: Otorhinolaryngology, Innsbruck University Hospital, Innsbruck, AU
2008 – 2010 Research training, Department of Neurology (Prof. P. Michel), CHUV, Lausanne University Hospital, Lausanne
08/2007 Professional training, humanitarian project, Mali
09/2005 Professional training as assistant care, Orthopedic Surgery, La Providence Hospital, Neuchâtel

Institutional responsibilities

Clinical work, research, supervision and teaching of residents and interns, lectures at Bern University

Approved research projects

- 07/2019 Deintensification of antihypertensive treatment in the elderly: Estimating the effect on the risk of fall injuries, syncope and cardiovascular events
- 05/2017 Patterns of multimorbidity and their association with healthcare resource utilization: a multinational study
- 06/2013 Post-hospital syndrome: cortisol, copeptin, prolactin, and MR-proadrenomedullin to predict readmission

Supervision of junior researchers

Co-supervision of Stefanie Nicolaus (*Leitende Ärztin*, Internal Medicine, Spitalzentrum Biel [BE]) for her MD thesis “*Patient complexity definition: a systematic review*”

Teaching activities and supervision of students

- 08/2017 – current Lectures for nurses and 3^d year dental medicine students
Clinical skills training, bedside teaching, and problem-based learning for medical students
Journal Club supervision, one-to-one teaching on medical ward and tutorial sessions for residents
Expert for objective structured clinical examination (OSCE) for the Swiss Federal Medical Diploma
- 12/2012 – current One-to-one teaching of 4th, 5th and 6th year medical students

Memberships in panels and individual scientific reviewing activities

- 07/2018 – 07/2019 Adjudicator for the OPERAM trial (*OPtimising thERapy to Prevent Avoidable Hospital Admissions in the Multimorbid Older People*, ClinicalTrials.gov Identifier: NCT02986425)
- 2012 – current Reviewer for Vaccine, Diabetic Medicine, Acta Diabetologica, Journal of Diabetes and Metabolism, PeerJ, Review Pharmaceutical Sciences, Bone, BMJ Open, BMC Health Services Research, Journal of General Internal Medicine, Journal of the American Geriatrics Society, Journal of Hospital Medicine, PLOS One, Swiss Medical Weekly, Journal of Multimorbidity and Comorbidity

Membership in scientific societies

- Active member of the US Deprescribing Network
- Active member of Choosing Wisely
- Active member of the *Foederatio Medicorum Helveticorum* (FMH)
- Active member of the Swiss Society of General Internal Medicine (SSGIM)
- Active member of the Swiss Young Internists (SYI)

Prizes and grants

- 01/2021 Best reviewer for 2020 for *Journal of Hospital Medicine*
- 03/2020 Personal scholarship and loan from the Gottfried and Julia Bangerter-Rhyner Foundation (Basel, Switzerland) for fellowship completion in Ann Arbor, University of Michigan, USA
- 04/2020-04/2021 Junior Investigator Intensive Awardee from the US Deprescribing Research Network
- 11/2018 Early Postdoc.Mobility grant from the Swiss National Foundation for the project “*Deintensification of antihypertensive treatment in the elderly: Estimating the effect on the risk of fall injuries, syncope and cardiovascular events*”, Ann Arbor, University of Michigan, USA
- 16.06.2017 Peer-reviewed grant (CHF 80,000) from the Clinical Trials Unit of Bern University for the project “*Patterns of multimorbidity and their association with healthcare resource utilization: a multinational study*”
- 04.05.2017 Peer-reviewed grant (CHF 50,000) from the Swiss Society of General Internal Medicine Foundation for the project “*Patterns of multimorbidity and their association with healthcare resource utilization: a multinational study*”
- 04.05.2017 Prize of the Swiss Society of General Internal Medicine for the 3^d best oral communication “*Is subclinical thyroid dysfunction associated with dementia? Findings from a prospective cohort*”, Annual meeting of the Swiss Society of General Internal Medicine, Lausanne
- 09.2011 – 08.2012 Research doctoral grant from Lausanne University
- 14.10.2010 Prize of the *Revue Médicale Suisse* for the paper “*Aubert CE, Vaudaux B, Bart P-A. Immunization guidelines regarding patients with a chronic disease, Rev Med Suisse 2010. 21;6(245):798-803*”
- 2003 Best Baccalaureate, Lycée Jean-Piaget, Neuchâtel, 2003

Language skills

- French Native language
- German Very good written and spoken knowledge
04.10.2002 Mittelstufe Deutsch des österreichischen Sprachdiploms (Level C1), “*sehr gut*”
- Swiss German Very good spoken knowledge
- English Very good written and spoken knowledge,
03/2003 Cambridge First Certificate in English (Level B2), Grade A
01/2019 TOEFL iBT test, 107/120 points
- Italian Basic written and spoken knowledge
07/2003 Certificato di lingua italiana, medio 4 della scala di competenza linguistica
- Spanish Elementary written and spoken knowledge

Computer skills Microsoft Office, GIMP, Stata, R software, Endnote, Zotero

Publications (weighted Relative Citation Ratio [RCR]: 58.77)

- contribution and RCR in parentheses: RCR=1.0 on median in my the field (RCR > median in bold)

Publications in international peer-reviewed scientific journals

- **Aubert CE**, Kerr EA, Klamerus ML, Hofer TP, Wei MY. Focus and features of prescribing indications spanning multiple chronic conditions in older adults: a narrative review (*in press in Journal of Multimorbidity and Comorbidity*). (*review conduction, data extraction and analysis, manuscript writing*)
- Terman SW, **Aubert CE**, Hill CE, Skvarce J, Burke JF, Mintzer S. Risk of cardiovascular disease in people with epilepsy. *Epilepsy Behav.* **2021**;117:107878. link (*study design, interpretation of analyses, manuscript revision*)
- Min L, Ha JK, **Aubert CE**, Hofer TP, Sussman JB, Langa KM, Tinetti M, Kim HM, Maciejewski ML, Gillon L, Larkin A, Chan CL, Kerr EA, Bravata D, Cushman W. A method to quantify hypertension drug dose intensity using healthcare system data. *Jama Open Network.* **2021**;4(1):e2034059. link (*manuscript writing and revision*)
- **Aubert CE**, Kerr EA, Maratt JK, Klamerus ML, Hofer TP. Outcome measures for interventions to reduce inappropriate chronic drugs: a narrative review. *J Am Geriatr Soc.* **2020**;00:1-9. link (*review conduction, data extraction and analysis, manuscript writing*)
- Terman SW, **Aubert CE**, Hill CE, Maust DT, Betjemann JP, Boyd CM, Burke JF. Polypharmacy in patients with epilepsy: a nationally representative cross-sectional study. *Epilepsy Behav.* **2020**;111:107261. link (*critical revision of the manuscript*)
- **Aubert CE**, Schnipper JL, Roumet M, Marques-Vidal PM, Stirnemann J, Auerbach AD, Zimlichman E, Kripalani S, Vasilevskis EE, Robinson E, Fletcher GS, Aujesky D, Limacher A, Donzé J. Best definitions to identify multimorbid patients with high healthcare resource utilization. *Mayo Clin Proc Innov Qual Outcomes.* **2020**;4(1):40-49. link (*study design, coding, interpretation of analyses, manuscript writing*)
- **Aubert CE**, Schnipper JL, Fankhauser N, Marques-Vidal PM, Stirnemann J, Auerbach AD, Zimlichman E, Kripalani S, Vasilevskis EE, Robinson E, Metlay J, Fletcher GS, Limacher A, Donzé J. Association of patterns of multimorbidity with length of stay: A multinational observational study. *Medicine.* **2020**;99:34. link (*study design, coding, interpretation of analyses, manuscript writing*)
- **Aubert CE**, Schnipper JL, Fankhauser N, Marques-Vidal PM, Stirnemann J, Auerbach AD, Zimlichman E, Kripalani S, Vasilevskis EE, Robinson E, Metlay J, Fletcher GS, Limacher A, Donzé J. Patterns of multimorbidity in medical inpatients: a multinational retrospective cohort study. *Inter Emer Med.* **2020**; doi: 10.1007/s11739-020-02306-2. link (*study design, coding, interpretation of analyses, manuscript writing*)
- Jeannin AC, Salem JE, Massy Z, **Aubert CE**, Vemeer C, Amouyal C, Phan F, Halbron M, Funck-Brentano C, Hartemann A, Bourron O. Inactive matrix gla protein plasma levels are associated with peripheral neuropathy in Type 2 diabetes. *PLoS One.* **2020**;15(2):e0229145. link (*study design, data collection and coding, manuscript revision*)
- Ha Van G, Amouyal C, Bourron O, **Aubert C**, Carlier A, Helene M, Fourniols E, Cluzel P, Couture T, Hartemann A. Diabetic foot ulcer management in a multidisciplinary foot centre: one-year healing, amputation and mortality rate. *J Wound Care.* **2020**;29(8):464-471. link (*data collection, manuscript revision*)
- Amadou C, Carlier A, Amouyal C, Bourron O, **Aubert CE**, Couture T, Fourniols E, Ha Van G, Rouanet S, Hartemann A. Five-year mortality in people with diabetic foot ulcer in the years 2009-2010 is lower than expected. *Diabetes and Metabolism.* **2019**. link (*data collection, manuscript revision*)
- **Aubert CE**, Fankhauser N, Marques-Vidal PM, Stirnemann J, Aujesky D, Limacher A, Donzé J. Multimorbidity and healthcare resource utilization in Switzerland: a multicenter cohort study. *BMC Health Serv Res.* **2019**;19(1):708. link (*study design, coding, interpretation of analyses, manuscript writing; RCR 0.48*)
- **Aubert CE**, Liabeuf S, Amouyal C, Kemel S, Lajat-Kiss F, Lacorte JM, Halbron M, Carlier A, Salem JE, Funck-Brentano C, Perisic Matic L, Witasp A, Stenvinkel P, Phan F, Massy ZA, Hartemann A, Bourron O. Serum concentration and vascular expression of adiponectin are differentially associated with the diabetic calcifying peripheral arteriopathy. *Diabetol Metab Syndr.* **2019**;11:32. link (*study design, data collection and coding, manuscript revision; RCR 1.29*)
- **Aubert CE**, Fankhauser N, Marques-Vidal PM, Stirnemann J, Aujesky D, Limacher A, Donzé J. Patterns of multimorbidity in medical inpatients in Switzerland: a multicenter cohort study. *Swiss Medical Weekly.* **2019**;149:w20094. link (*study design, coding, interpretation of analyses, manuscript writing; RCR 1.14*)
- **Aubert CE**, Schnipper JL, Roumet M, Marques-Vidal PM, Stirnemann J, Auerbach AD, Zimlichman E, Kripalani S, Vasilevskis EE, Robinson E, Metlay J, Fletcher GS, Aujesky D, Limacher A, Donzé J. Patterns of multimorbidity associated with 30-day readmission: a multinational study. *BMC Public Health.* **2019**;19:738. link (*study design, coding, interpretation of analyses, manuscript writing; RCR 1.68*)
- Conen D, Rodondi N, Müller A, Beer JH, Ammann P, Moschovitis G, Auricchio A, Hayoz D, Kobza R, Shah D, Novak J, Schläpfer J, Di Valentino M, Aeschbacher S, Blum S, Meyre P, Sticherling C, Bonati LH, Ehret G, Moutzouri E, Fischer U, monsch AU, Stippich C, Wuerfel J, Sinnecker T, Coslovsky M, Schwenkglenks M, Kühne M, Osswald S, **Swiss-AF Study Investigators**. Relationships of Overt and Silent Brain Lesions With Cognitive Function in Patients With Atrial Fibrillation. *J Am Coll Cardiol.* **2019**;73(9):989-999. link (*study conducting; RCR 9.28*)

- O Riordan D, **Aubert CE**, Walsh KA, Van Dorland A, Rodondi N, Du Puy RS, Poortvliet RKE, Gussekloo J, Sinnott C, Byrne S, Galvin R, Jukema JW, Mooijaart SP, Baumgartner C, McCarthy V, Walsh EK, Collet TH, Dekkers OM, Blum MR, Kearney PM. Prevalence of potentially inappropriate prescribing in a subpopulation of older European clinical trial participants: a cross-sectional study. *BMJ Open*. **2018**;8(3):e019003. link (*study design, data extraction, interpretation of analyses, manuscript revision*; **RCR 2.64**)
- Floriani C, Feller M, **Aubert CE**, M'Rabet-Bensalah K, Collet TH, den Elzen WPJ, Bauer DC, Angelillo-Scherrer A, Aujesky D, Rodondi N. Thyroid dysfunction and anemia: A prospective cohort study and a systematic review. *Thyroid*. **2018**;28(5):575-582. link (*study design, manuscript revision*; **RCR 1.26**)
- Segna D, Bauer DC, Feller M, Schneider C, Fink HA, **Aubert CE**, Collet TH, da Costa BR, Fischer K, Peeters RP, Cappola AR, Blum MR, van Dorland HA, Robbins J, Naylor K, Eastell R, Uitterlinden AG, Rivadeneira Ramirez F, Gogakos A, Gussekloo J, Williams GR, Schwartz A, Cauley JA, Aujesky DA, Bischoff-Ferrari HA, Rodondi N; Thyroid Studies Collaboration. Association between subclinical thyroid dysfunction and change in bone mineral density in prospective cohorts. *J Intern Med*. **2018**;283(1):56-72. link (*literature review, interpretation of analyses, manuscript revision*; **RCR 3.14**)
- Mary A, Hartemann A, Brazier M, **Aubert CE**, Kemel S, Salem JE, Cluzel P, Liabeuf S, Massy ZA, Mentaverri R, Bourron O, Kamel S. Higher parathyroid hormone level is associated with increased below-knee artery calcification in type 2 diabetes. *Diabetes Metab*. **2018**;44(3):305-308. link (*study design data collection and coding, manuscript revision*; **RCR 0.70**)
- Mary A, Hartemann A, Liabeuf S, **Aubert CE**, Kemel S, Salem JE, Cluzel P, Lenglet A, Massy ZA, Lalau JD, Mentaverri R, Bourron O, Kamel S. Association between metformin use and below-knee arterial calcification score in type 2 diabetic patients. *Cardiovasc Diabetol*. **2017**;16(1):24. link (*study design, data collection and coding, manuscript revision*; **RCR 2.23**)
- Stott DJ, Rodondi N, Kearney PM, Ford I, Westendorp RGJ, Mooijaart S, Sattar N, **Aubert CE**, Aujesky D, Bauer DC, Baumgartner C, Blum M, Browne J, Byrne S, Collet TH, Dekkers OM, Den Elzen WPJ, Du Puy R, Ellis G, Feller M, Floriani C, Hendry K, Hurley C, Jukema J, Kean S, Kelly M, Krebs D, Langhorne P, McCarthy G, McCarthy V, McConnachie A, McDade M, Messow M, O'Flynn AM, O'Riordan D, Poortvliet RKE, Quinn TJ, Russell A, Sinnott C, Smit JWA, Van Dorland A, Walsh K, Walsh E, Watt T, Wilson R, Gussekloo J. Thyroid hormone treatment for older adults with subclinical hypothyroidism. *N Engl J Med*. **2017**;376(26):2534-2544. link (*study conduction, manuscript revision*; **RCR 15.17**)
- **Aubert CE**, Bauer DC, da Costa BR, Feller M, Rieben C, Simonsick EM, Yaffe K, Rodondi N, Health ABC Study. The association between subclinical thyroid dysfunction and dementia: The Health, Aging and Body Composition (Health ABC) Study. *Clin Endocrinol (Oxf)*. **2017**;00:1-10. link (*study design, data coding and analysis, interpretation of analyses, manuscript writing*; **RCR 2.20**)
- **Aubert CE**, Floriani C, Bauer DC, da Costa BR, Segna D, Blum MR, Collet TH, Fink HA, Cappola AR, Syrogiannouli L, Peeters RP, Åsvold BO, den Elzen WPJ, Luben RN, Bremner AP, Gogakos A, Eastell R, Kearney PM, Hoff M, Le Blanc E, Ceresini G, Rivadeneira F, Uitterlinden AG, Khaw KT, Langhammer A, Stoot DJ, Westendorp RGJ, Ferrucci L, Williams GR, Gussekloo J, Walsh JP, Aujesky D, Rodondi N. Thyroid function within the reference range and fracture risk: individual participant analysis of prospective cohorts. *J Clin Endocrinol Metab*. **2017**;102(8):2719-2728. link (*study design, data coding and analysis, interpretation of analyses, manuscript writing*; **RCR 1.06**)
- **Aubert CE**, Schnipper JL, Williams MV, Robinson EJ, Zimlichman E, Vasilevskis EE, Kripalani S, Metlay JP, Wallington T, Fletcher GS, Auerbach AD, Aujesky D, Donzé JD. Simplification of the HOSPITAL score for predicting 30-day readmissions. *BMJ Qual Saf*. **2017**; 26(10):799-805. link (*study design, study conduction, data coding and analysis, interpretation of analyses, manuscript writing*; **RCR 0.81**)
- **Aubert CE**, Folly A, Mancinetti M, Hayoz D, Donzé J. Association of stress biomarkers with 30-day unplanned readmission and death. *J Hosp Med*. **2017**;12(7):523-529. link (*study design, study conduction, data coding and analysis, interpretation of analyses, manuscript writing*; **RCR 0.26**)
- **Aubert CE**, Folly A, Mancinetti M, Hayoz D, Donzé J. Performance-based functional impairment and readmission and death: a prospective study. *BMJ Open*. **2017**;7(6):e016207. link (*study design, study conduction, data coding and analysis, interpretation of analyses, manuscript writing*; **RCR 0.61**)
- Rieben C, Segna D, Da Costa B, Collet TH, Chaker L, **Aubert CE**, Baumgartner C, Almeida OP, Hogervorst E, Trompet S, Masaki K, Mooijaart SP, Gussekloo J, Peeters RP, Bauer DC, Aujesky D, Rodondi N. Subclinical thyroid dysfunction and the risk of cognitive decline: a systematic review and meta-analysis. *J Clin Endocrinol Metab*. **2016**;101(12):4945-4954. link (*interpretation of analyses, manuscript revision*; **RCR 4.03**)
- **Aubert CE**, Streit S, Da Costa B, Collet TH, Cornuz J, Gaspoz JM, Bauer D, Aujesky D, Rodondi N. Polypharmacy and specific comorbidities in university primary care settings. *Eur J Intern Med*. **2016**;35:35-42. link (*study design, data coding and analysis, interpretation of the analyses, manuscript writing*; **RCR 1.72**)
- Bauer S, **Aubert CE**, Richli M, Chuard C. Blood cultures in the evaluation of uncomplicated cellulitis. *Eur J Intern Med*. **2016**;36:50-56. link (*interpretation of analyses, manuscript writing and revision*; **RCR 0.82**)
- **Aubert CE**, Folly A, Mancinetti M, Hayoz D, Donzé J. Prospective validation of the HOSPITAL score to predict high risk of unplanned readmission in medical patients. *Swiss Med Wkly*. **2016**;146:w14335. link (*interpretation of analyses, manuscript revision*; **RCR 1.39**)
- M'Rabet-Bensalah K*, **Aubert CE***, Coslovsky M, Collet TH, Baumgartner C, den Elzen WP, Luben R, Angelillo-Scherrer A, Aujesky D, Khaw KT, Rodondi N. Thyroid dysfunction and anaemia in a large population-based study. *Clin Endocrinol*

(Oxf). **2016**;84(4):627-31. *both authors contributed equally to the preparation of the manuscript. link (interpretation of analyses, manuscript writing; **RCR 1.64**)

- Bourron O, **Aubert CE**, Liabeuf S, Cluzel P, Lajat-Kiss F, Dadon M, Komajda M, Mentaverri R, Brazier M, Pierucci A, Morel F, Jacqueminet S, Massy ZA, Hartemann A. Below-knee arterial calcification in type 2 diabetes: association with receptor activator of nuclear factor κ B ligand, osteoprotegerin, and neuropathy. *J Clin Endocrinol Metab.* **2014**; 99(11):4250-8. link (study design, data collection and coding, manuscript revision; **RCR 0.65**)
- **Aubert CE**, Michel PL, Gilléry P, Jaisson S, Fonfrède M, Morel F, Hartemann A, Bourron O. Association of peripheral neuropathy with circulating advanced glycation end products, soluble receptor for advanced glycation end products and other risk factors in patients with type 2 diabetes. *Diabetes Metab Res Rev.* **2014**; 30:679–685. link (study design, data collection, coding, and analysis, interpretation of analyses, manuscript writing; **RCR 1.52**)
- Liabeuf S, Bourron O, Vemeer Bach C, Theuwissen E, Magdeleyns E, **Aubert CE**, Brazier M, Mentaverri R, Hartemann A, Massy ZA. Vascular calcification in patients with type 2 diabetes: the involvement of matrix Gla protein. *Cardiovasc Diabetol.* **2014**;13:85. link (study design, data collection and coding, manuscript revision; **RCR 2.21**)
- **Aubert CE**, Cluzel P, Lajat-Kiss F, Dadon M, Michel PL, Hartemann A, Bourron O. Influence of peripheral vascular calcification on efficiency of screening tests for peripheral arterial occlusive disease in diabetes – a cross-sectional study. *Diabet Med.* **2014**;31(2):192-9. link (study design, data collection, coding, and analysis, interpretation of analyses, manuscript writing; **RCR 0.74**)
- **Aubert CE**, Le Doeuff J, Lajou J, Barthélémy O, Hartemann A, Bourron O. Influence of peripheral arterial occlusive disease on Neuropad® test performance in patients with diabetes. *Diabet Med.* **2013**;30(5):e178-84. link (study design, data collection, coding, and analysis, interpretation of analyses, manuscript writing; **RCR 0.12**)
- Ntaios G, Gurer O, Faouzi M, **Aubert CE**, Michel P. Red cell distribution width does not predict stroke severity or functional outcome. *Int J Stroke.* **2012**;7(1):2-6. link (data collection, manuscript revision; **RCR 1.15**)
- Ntaios G, Gurer O, Faouzi M, **Aubert CE**, Michel P. Hypertension is an independent predictor of mean platelet volume in patients with acute ischemic stroke. *Intern Med J.* **2011**;41(9):691-5. link (data collection, manuscript revision; **RCR 0.77**)
- Ntaios G, Gurer O, Faouzi M, **Aubert CE**, Michel P. Mean platelet volume in the early phase of acute ischemic stroke is not associated with severity or functional outcome. *Cerebrovasc Dis.* **2010**;29(5):484-9. link (data collection, manuscript revision; **RCR 1.62**)

Oral contributions to conferences

- Proton pump inhibitors in older multimorbid patients: what are longitudinal patterns of prescribing and deprescribing, and what are the potential adverse effects? *Annual meeting of the Swiss Society of General Internal Medicine, virtual, 19.05.2021. Selected among the 10 best presentations.*
- Patterns of multimorbidity and their association with readmission: a multinational study. *Annual meeting of the Swiss Society of General Internal Medicine, Lausanne, 31.05.2018.*
- Is the risk of fracture increased among participants with thyroid function within the reference range? Results of an individual participant data analysis of thirteen prospective cohorts. *Annual meeting of the Swiss Society of General Internal Medicine, Lausanne, 03.05.2017.*
- Is subclinical thyroid dysfunction associated with dementia? Findings from a prospective cohort. *Annual meeting of the Swiss Society of General Internal Medicine, Lausanne, 04.05.2017. Prize for the 3rd best oral communication.*
- High serum levels of stress biomarkers are associated with 30-day unplanned readmission and death after acute care hospitalization. *Annual meeting of the Society of General Internal Medicine, Hollywood (FL), 12.05.2016.*
- Is thyroid dysfunction associated with anemia? *Annual meeting of the Swiss Society of Endocrinology and Diabetology (SSED), Bern, 13.11.2015.*
- Association of peripheral neuropathy with circulating advanced glycation end-products, soluble receptor for advanced glycation end-products and other risk factors in patients with type 2 diabetes. *Annual meeting of the Swiss Internal Medicine Society, Basel, 29-31.05.2013. Selected among the 6 best abstracts.*
- Maladie rénale chronique et vaccinologie. *Séminaires Universitaires de Néphrologie, Paris, 23.01.2013.*
- Neuropad®: test performance in a diabetic population with or without peripheral arterial occlusive disease. *Annual meeting of the Swiss Society of Endocrinology and Diabetology (SSED), Bern, 23.11.2012.*
- Inaccuracy of pulse palpation and ankle-brachial index in a diabetic population at high risk for cardiovascular disease and its association with peripheral neuropathy and vascular calcification. *Annual meeting of the Swiss Society of Endocrinology and Diabetology (SSED), Bern, 23.11.2012.*
- Diabète, dysfonction immunitaire et risque infectieux : pourquoi et comment vacciner les patients diabétiques? *5^e Journée Rencontre avec le REIVAC (Réseau national d'investigation clinique en vaccinologie), Paris, 27.05.2011.*
- Recommandations de vaccination pour les patients atteints de maladie chronique. *5^e colloque de Formation continue de la Revue Médicale Suisse, Morges, 14.10.2010.*

Poster contributions to conferences

- Treatment intensity modification in older patients with tightly-controlled blood pressure: is it associated with cardiovascular events, syncope, and fall injury? *Annual meeting of the Swiss Society of General Internal Medicine, virtual, 19.-21.05.2021.*
- How should we identify hypertension treatment in older adults: by maximizing dose, or by combining 1? *Annual meeting of the Swiss Society of General Internal Medicine, virtual, 19.-21.05.2021.*
- How can we better predict mortality in multimorbid elderly patients? *Annual meeting of the Swiss Society of General Internal Medicine, virtual, 19.-21.05.2021.*
- How can we predict drug-related readmissions in older multimorbid patients? *Annual meeting of the Swiss Society of General Internal Medicine, virtual, 19.-21.05.2021.*
- Proton pump inhibitors in older multimorbid patients: (de-)prescribing and potential adverse effects. *Annual meeting of the Society of General Internal Medicine (USA), virtual (e-poster with oral communication), 23.04.2021.*
- Treatment intensity modification in older patients with tightly-controlled blood pressure: Association with cardiovascular events, syncope, and fall injury. *Annual meeting of the Society of General Internal Medicine (USA), virtual (e-poster with oral communication), 23.04.2021.*
- Approaches to intensify hypertension treatment in older adults: dose maximization versus low-dose combination. *Annual meeting of the Society of General Internal Medicine (USA), virtual (e-poster with oral communication), 23.04.2021.*
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