

Scientific publications NRP 74 projects: 2017–2019

Project	Scientific publications
<p>Promoting participatory medicine in colorectal cancer screening</p> <p><i>Prof. Dr. med. Reto Auer</i></p>	<p>Braun AL, Prati E, Martin Y, Dvořák C, Tal K, Biller-Andorno N et al. Variation in colorectal cancer testing between primary care physicians: a cross-sectional study in Switzerland. <i>International Journal of Public Health</i>. 2019;64(7):1075-1083.</p> <p>Martin Y, Braun AL, Biller-Andorno N, Bulliard J, Cornuz J, Selby K et al. Screening Refusal Associated with Choice of Colorectal Cancer Screening Methods. A Cross-sectional Study Among Swiss Primary Care Physicians. <i>Journal of General Internal Medicine</i>. 2019;34(8):1409-1411.</p> <p>Martin Y, Braun L, Janggen M, Tal K, Biller-Andorno N, Ducros C et al. Offering patients a choice for colorectal cancer screening: a quality improvement pilot study in a quality circle of primary care physicians. <i>BMJ Open Quality</i>. 2019;8(4):e000670.</p>
<p>What factors affect the performance of elective interventions in Switzerland?</p> <p><i>Prof. Dr. med. Drahomir Aujesky</i></p>	<p>Jegerlehner S, Chiolero A, Aujesky D, Rodondi N, Germann S, Konzelmann I et al. Recent incidence and surgery trends for prostate cancer: Towards an attenuation of overdiagnosis and overtreatment?. <i>PLOS ONE</i>. 2019;14(2):e0210434.</p> <p>Scheuter C, Wertli M, Haynes A, Panczak R, Chiolero A, Perrier A et al. Unwarranted regional variation in vertebroplasty and kyphoplasty in Switzerland: A population-based small area variation analysis. <i>PLOS ONE</i>. 2018;13(12):e0208578.</p>
<p>Using case management to remove burden on emergency departments</p> <p><i>Prof. Dr. Patrick Bodenmann</i></p>	<p>Grazioli V, Moullin J, Kasztura M, Canepa-Allen M, Hugli O, Griffin J et al. Implementing a case management intervention for frequent users of the emergency department (I-CaM): an effectiveness-implementation hybrid trial study protocol. <i>BMC Health Services Research</i>. 2019;19(1).</p> <p>Vu F, Hugli O, Daepfen JB, Kasztura M, Grazioli VS, Bodenmann P. Prise en charge des grands consommateurs des services d'urgences [Management of emergency department frequent users]. <i>Revue Medicale Suisse</i>. 2019;15(640): 490-493.</p>
<p>Improving the data situation in out-patient healthcare</p> <p><i>PD Dr. Corinne Chmiel</i></p>	<p>Falck L, Zoller M, Rosemann T, Martínez-González N, Chmiel C. Toward Standardized Monitoring of Patients With Chronic Diseases in Primary Care Using Electronic Medical Records. <i>JMIR Medical Informatics</i>. 2019;7(2):e10879.</p> <p>Meier R, Muheim L, Senn O, Rosemann T, Chmiel C. The impact of financial incentives to improve quality indicators in patients with diabetes in Swiss primary care: a protocol for a cluster randomised controlled trial. <i>BMJ Open</i>. 2018;8(6):e023788.</p>
<p>Automatic detection of adverse drug events in the geriatric care</p> <p><i>Prof. Dr. Chantal Csajka</i></p>	<p>Terrier J, Daali Y, Fontana P, Csajka C, Reny J. Towards Personalized Antithrombotic Treatments: Focus on P2Y12 Inhibitors and Direct Oral Anticoagulants. <i>Clinical Pharmacokinetics</i>. 2019;58(12):1517-1532.</p>

<p>Promoting the merging of health data in Switzerland <i>Prof. Dr. Bernice Simone Elger</i></p>	<p>Geneviève L, Martani A, Wangmo T, Paolotti D, Koppeschaar C, Kjelsø C et al. Participatory Disease Surveillance Systems: Ethical Framework. <i>Journal of Medical Internet Research</i>. 2019;21(5):e12273.</p> <p>Martani A, Shaw D, Elger B. Stay fit or get bit - ethical issues in sharing health data with insurers' apps. <i>Swiss Medical Weekly</i>. 2019;149:w20089.</p> <p>Geneviève L, Wangmo T, Dietrich D, Woolley-Meza O, Flahault A, Elger B. Research Ethics in the European Influenza Consortium: Scoping Review. <i>JMIR Public Health and Surveillance</i>. 2018;4(4):e67.</p> <p>McLennan S, Maritz R, Shaw D, Elger B. The inconsistent ethical oversight of healthcare quality data in Switzerland. <i>Swiss medical weekly</i>. 2018;148:14637-14637.</p> <p>McLennan S, Shaw D, Celi L. The challenge of local consent requirements for global critical care databases. <i>Intensive Care Medicine</i>. 2018;45(2):246-248.</p>
<p>End of life: more quality and less suffering through better planning and coordination? <i>Prof. Dr. med. Steffen Eychmüller</i></p>	<p>White N, Oostendorp L, Vickerstaff V, Gerlach C, Engels Y, Maessen M et al. An online international comparison of thresholds for triggering a negative response to the "Surprise Question": a study protocol. <i>BMC Palliative Care</i>. 2019;18(1).</p>
<p>Less fee-for-services, more flat reimbursement: Does it work in the out-patient sector? <i>Prof. Dr. Stefan Felder</i></p>	<p>Felder S. The Treatment Decision under Uncertainty: The Effects of Health, Wealth and the Probability of Death. <i>Journal of Health Economics</i>. 2020;69:102253.</p>
<p>Reliably determining optimal antibiotic durations <i>Dr. MD Angela Huttner</i></p>	<p>Huttner A, Albrich W, Bochud P, Gayet-Ageron A, Rossel A, Dach E et al. PIRATE project: point-of-care, informatics-based randomised controlled trial for decreasing overuse of antibiotic therapy in Gram-negative bacteraemia. <i>BMJ Open</i>. 2017;7(7):e017996.</p>
<p>Provision of care for children with developmental disorders in the canton of Zurich <i>Prof. Dr. med. Oskar Gian Jenni</i></p>	<p>Schaefer C, Schneider N, Jenni O, von Rhein M. Frühe Fördermassnahmen für Kinder mit Autismus-Spektrum-Störung. Situation im Kanton Zürich. <i>Schweizerische Zeitschrift für Heilpädagogik</i>. 2018;9:14–19.</p>
<p>Successful models of palliative care in Switzerland <i>Prof. Dr. Brigitte Liebig</i></p>	<p>Reeves E, Schweighoffer R, Liebig B. Community readiness for Palliative Care Services in Switzerland: Basis for public health strategy for health psychologists. <i>Psychreg Journal of Psychology</i>. 2019;3(2).</p> <p>Schweighoffer R, Nagy N, Reeves E, Liebig B. Collaboration in Palliative Care Networks in Urban and Rural Regions of Switzerland. <i>International Journal of Nursing and Health Sciences</i>. 2019;13(1):18-21.</p> <p>Hegglin I, Liebig B. Interprofessionelle Kooperation in der stationären Gesundheitsversorgung. Herausforderungen der Führung. <i>Zeitschrift für Führung und Personalmanagement in der Gesundheitswirtschaft ZFPG</i>. 2018;4(2):18-22.</p>

Does systematic interprofessional collaboration shorten the length of hospital stays?

Prof. Dr. med. Beat Müller

Koch D, Schuetz P, Haubitz S, Kutz A, Mueller B, Weber H et al. [Improving the post-acute care discharge score \(PACD\) by adding patients' self-care abilities: A prospective cohort study.](#) *PLOS ONE*. 2019;14(3):e0214194.

Kutz A, Koch D, Conca A, Baechli C, Haubitz S, Regez K et al. [Integrative hospital treatment in older patients to benchmark and improve outcome and length of stay - the In-HospiTOOL study.](#) *BMC Health Services Research*. 2019;19(1).

Kutz A, Gut L, Ebrahimi F, Wagner U, Schuetz P, Mueller B. *JAMA Network Open*. 2019;2(2):e188332. [Association of the Swiss Diagnosis-Related Group Reimbursement System With Length of Stay, Mortality, and Readmission Rates in Hospitalized Adult Patients.](#) *JAMA Network Open*. 2019;2(2):e188332.

Kutz A, Schuetz P, Müller B. [SwissDRG und nutzerorientierte Kennzahlen – Zeit, Bilanz zu ziehen.](#) *Schweizerische Ärztezeitung*. 2019;100(14):523-524.

Conca A, Ebrahim D, Noack S, Gabele A, Weber H, Prins M et al. [Screening by Social Workers in Medical Patients with Risk of Post-Acute Care Needs: A Stepped Wedge Cluster Randomized Trial.](#) *International Journal of Health Professions*. 2018;5(1):25-34.

Conca A, Gabele A, Reutlinger B, Schuetz P, Kutz A, Haubitz S et al. [Prediction of post-acute care demand in medical and neurological inpatients: diagnostic assessment of the post-acute discharge score - a prospective cohort study.](#) *BMC Health Services Research*. 2018;18(1).

Kutz A. [Querdenker erweitern den Horizont.](#) *Clinicum*. 2017;5:22-29.

Kutz A. Integrierte Patientenbetreuung, Innovationsprojekt vor dem Start. *Competence*. 2017;26-27.

Wenke Juliane. [Verbessert eine pflegegeleitete Versorgung die Selbstpflegefähigkeiten? Eine quasi-experimentelle Studie.](#) *Klinische Pflegeforschung*. 2017;3:48-60.

Kutz A, Ebrahimi F, Struja T, Greenwald J, Schuetz P, Mueller B. [Innovative transition interventions to better align healthcare needs in hospitalised medical patients.](#) *Swiss medical weekly*. 2017;147:w14515.

Optimised medication and communication at discharge

Dr. med. Stefan Neuner-Jehle

Grischott T, Zechmann S, Rachamin Y, Markun S, Chmiel C, Senn O et al. [Improving inappropriate medication and information transfer at hospital discharge: study protocol for a cluster RCT.](#) *Implementation Science*. 2018;13(1).

The spiritual dimension of pain therapy

Prof. Dr. Simon Peng-Keller

Adami S, Breuning M, Bengel J, Bischoff A, Peng-Keller S. [Chronische Schmerzpatientinnen und-patienten sprechen über ihre Spiritualität.](#) *Spiritual Care*. 2018;7(3):243-253.

Peng-Keller S, Bischoff A. Chronische Erkrankungen und Spiritual (Self-)Care. *Spiritual Care*. 2018;7(3):241-241.

Peng-Keller, S. [Leiden, Schmerz und Compassion im Horizont von Spiritual Care.](#) *Bioethica Forum*. 2018;11(1):11-13.

Peng-Keller S. Ansätze ärztlicher Spiritual Care. *Praxis*. 2017;106(24):1339-1343.

Standardised Assessment and Reporting System of functioning of people with chronic diseases (StARS)

Prof. Dr. Gerold Stucki

Maritz R, Tennant A, Fellinghauer C, Stucki G, Prodinge B. [The Functional Independence Measure 18-item version can be reported as a unidimensional interval-scaled metric: Internal construct validity revisited](#). *Journal of Rehabilitation Medicine*. 2019;51(3):193-200.

Maritz R, Tennant A, Fellinghauer C, Stucki G, Prodinge B. [The Extended Barthel Index \(EBI\) can Be Reported as a Unidimensional Interval-Scaled Metric – A Psychometric Study](#). *Physikalische Medizin, Rehabilitationsmedizin, Kurortmedizin*. 2019;29(04):224-232.

McLennan S, Maritz R, Shaw D, Elger B. [The inconsistent ethical oversight of health care quality data in Switzerland](#). *Swiss Medical Weekly*. 2018;148:w14637.

Optimising medication with electronic decision-making assistants in patients with multiple chronic illnesses

Dr. med. Sven Streit

Jungo K, Rozsnyai Z, Mantelli S, Floriani C, Löwe A, Lindemann F et al. ['Optimising PharmacoTherapy In the multimorbid elderly in primary CARE' \(OPTICA\) to improve medication appropriateness: study protocol of a cluster randomised controlled trial](#). *BMJ Open*. 2019;9(9):e031080.

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Jungo KT, Löwea, A., Mantellia, S., Meierc, R., Rodondia, N., Streita, S. [Die OPTICA-Studie](#). *Primary and Hospital Care: Allgemeine Innere Medizin*. 2018;18(06):100-102.

Do financial incentives improve the treatment of diabetes?

Prof. Dr. med. Thomas Rosemann

Meier R, Muheim L, Senn O, Rosemann T, Chmiel C. [The impact of financial incentives to improve quality indicators in patients with diabetes in Swiss primary care: a protocol for a cluster randomised controlled trial](#). *BMJ Open*. 2018;8(6):e023788.

What are long-term care choices in the older population?

Prof. Dr. Brigitte Santos-Eggimann

Abolhassani N, Santos-Eggimann B, Chiolerio A, Santschi V, Henchoz Y. Readiness to accept health information and communication technologies: A population-based survey of community-dwelling older adults. *International Journal of Medical Informatics*. 2019;130:103950.

Carvalho N, Meylan L, Blanco J, Fustinoni S, Abolhassani N, Santos-Eggimann B. [Gender differences regarding opinions on long-term care arrangements: A study of community-dwelling older adults](#). *Archives of Gerontology and Geriatrics*. 2019;83:195-203.

Santos-Eggimann B, Meylan L. [Older Citizens' Opinions on Long-Term Care Options: A Vignette Survey](#). *Journal of the American Medical Directors Association*. 2017;18(4):326-334.

<p>How do guidelines and recommendations influence medical treatment?</p>	<p>Bachmann, L., Ulyte, A., Dressel, H. Clinical practice guidelines of medical societies in Switzerland: analysis of the current state. <i>Swiss medical weekly</i>. 2019;149:w20134.</p>
<p>Prof. Dr. Matthias Schwenkglenks</p>	<p>Ulyte A, Bähler C, Schwenkglenks M, von Wyl V, Gruebner O, Wei W et al. Measuring diabetes guideline adherence with claims data: systematic construction of indicators and related challenges. <i>BMJ Open</i>. 2019;9(4):e027138.</p>
	<p>Ulyte, A., Vokinger, K. N., Dressel, H. Clinical Practice Guidelines: An Ambiguous Term With Potentially Unexpected Legal Consequences. <i>Praxis</i>. 2019;108(10):673-677.</p>
	<p>Wei W, Gruebner O, von Wyl V, Brüngger B, Dressel H, Ulyte A et al. Variation of preoperative chest radiography utilization in Switzerland and its influencing factors: a multilevel study with claims data. <i>Scientific reports</i>. 2018;8(1):1-9</p>
<p>Development of a nurse-led care model for nursing homes</p>	<p>Muench U, Simon M, Guerbaai R, De Pietro C, Zeller A, Kressig R et al. Preventable hospitalizations from ambulatory care sensitive conditions in nursing homes: evidence from Switzerland. <i>International Journal of Public Health</i>. 2019;64(9):1273-1281.</p>
<p>Prof. Dr. Michael Simon</p>	<p>Zúñiga F, De Geest S, Guerbaai R, Basinska K, Nicca D, Kressig R et al. Strengthening Geriatric Expertise in Swiss Nursing Homes: INTERCARE Implementation Study Protocol. <i>Journal of the American Geriatrics Society</i>. 2019;67(10):2145-2150.</p>
<p>Integrated community-based care for home-dwelling older people</p>	<p>Zúñiga F, Deschodt M, De Geest S. Herausforderungen in der Pflege von multimorbiden älteren Menschen. <i>Primary and Hospital Care: Allgemeine Innere Medizin</i>. 2018;18(6):96-99.</p>
<p>Prof. Dr. Sabina De Geest</p>	
<p>Use of simulation modelling to improve care for patients with chronic conditions in Switzerland</p>	<p>Winter V, Thomsen M, Schreyögg J, Blankart K, Duminy L, Schoenenberger L et al. Improving Service Provision - The Health Care Services' Perspective. <i>Journal of Service Management Research</i>. 2019;3(4):163-183.</p>
<p>Prof. Dr. Lukas Schönenberger</p>	
<p>Safer medication management for home-dwelling older adults</p>	<p>Pereira F, Roux P, Rosselet Amoussou J, Martins M, von Gunten A, Verloo H. Medication Management Models for Polymedicated Home-Dwelling Older Adults With Multiple Chronic Conditions: Protocol of a Systematic Review. <i>JMIR Research Protocols</i>. 2019;8(5):e13582.</p>
<p>Dr. Henk Verloo</p>	<p>Pereira F, Roux P, Santiago-Delefosse M, Von Gunten A, Wernli B, Martins MM, Verloo H. Optimising medication management for polymedicated home-dwelling older adults with multiple chronic conditions: a mixed-methods study protocol. <i>JMIR Research Protocols</i>. 2019;9(10).</p>
	<p>Pereira F, von Gunten A, Amoussou JR, Salamun IDG, Martins MM, Verloo, H. Polypharmacy Among Home-Dwelling Older Adults: The Urgent Need for an Evidence-Based Medication Management Model. <i>Patient Preference and Adherence</i>. 2019;13: 2137–2143</p>