

# Publications

Prof. Dr. Tom Stargardt

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## Peer-reviewed journal articles (accepted, online first & in print)

1. Varghese NE, Sabat I, Neuman-Böhme S, Schreyögg J, Stargardt T, Torbica A, van Exel J, Barros PP, Brouwer W (2021): Risk Communication during COVID-19: A Descriptive Study on Familiarity with, Adherence to and Trust in the WHO Preventive Measures, PLOS ONE.
2. Chandler T, Neumann-Böhme S, Sabat I, Barros PP, Brouwer W, van Exel J, Schreyögg J, Torbica A, Stargardt T (2021): Blood donation in times of crisis: early insight into the impact of COVID-19 on blood donors and their motivation to donate across European countries, Vox Sanguinis.
3. Böhm A, Schneider U, Aberle J, Stargardt T (2021): Regimen simplification and medication adherence: Fixed-dose versus loose-dose combination therapy for type 2 diabetes. PLOS ONE.

## Peer-reviewed journal articles

4. Pott C, Stargardt T, Schneider U, Frey S (2021): Do discontinuities in marginal reimbursement affect inpatient psychiatric care in Germany?, European Journal for Health Economics, 22(1): 101-114, doi: 10.1007/s10198-020-01241-5.
5. Vadia R, Stargardt T (2021): Impact of Guidelines on the Diffusion of Medical Technology: A Case Study of Cardiac Resynchronization Therapy in the UK, Applied Health Economics and Health Policy, 19(2): 243-252, doi: 10.1007/s40258-020-00610-8.
6. Böhm AK, Jensen ML, Sørensen MR, Stargardt T (2020): Real-World Evidence of User Engagement With Mobile Health for Diabetes Management: Longitudinal Observational Study, JMIR Mhealth Uhealth, 8(11):e22212. doi:10.2196/22212.
7. Blankart KE, Stargardt T (2020): The impact of drug quality ratings from health technology assessments on the adoption of new drugs by physicians in Germany, Health Economics, 29(S1): 63-82.
8. Sabat I, Neuman-Böhme S, Varghese NE, Barros PP, Brouwer W, van Exel J, Schreyögg J, Stargardt T (2020): United but divided: policy responses and people's perceptions in the EU during the COVID-19 outbreak, Health Policy, 124(9):909-918.
9. Baumann M, Stargardt T, Frey S (2020): Cost-utility of internet-based cognitive behavioral therapy in unipolar depression: A Markov model simulation, Applied Health Economics and Health Policy, 18(4): 567-578.
10. Neumann-Böhme S, Varghese NE, Sabat I, Barros PP, Brouwer W, van Exel J, Schreyögg J, Stargardt T (2020): Once we have it, will we use it? A European survey on willingness

- to be vaccinated against COVID-19, *European Journal for Health Economics*, 21(7): 977-982.
11. Birkner B, Rech J, Stargardt T (2020): Cost-utility analysis of de-escalating biological disease-modifying anti-rheumatic drugs in patients with rheumatoid arthritis, *PLOS ONE* 15(1):e0226754, doi: 10.1371/journal.pone.0226754.
  12. Chandler T, Hiller J, Peine S, Stargardt T (2020): Blood donation and donors: insights from a large German teaching hospital, *Vox Sanguinis*, 115(1):27-35.
  13. Frey S., Stargardt T., Schneider U., Schreyögg J (2019): The economic burden of cystic fibrosis in Germany from a payer perspective, *Pharmacoeconomics*, 37(8):1029-1039.
  14. Guhl D, Blankart K, Stargardt T (2019): Service quality and perceived customer value in community pharmacies, *Health Services Management Research*, 32(1): 36-48.
  15. Hofer F, Kauczor HU, Stargardt T (2018): Cost-utility analysis of a potential lung cancer screening program for a high-risk population in Germany: A modelling approach, *Lung Cancer*, 124:189-198.
  16. Fischer K, Koch T, Kostev K, Stargardt T (2018): The impact of physician-level drug budgets on prescribing behaviour, *European Journal for Health Economics*, 19(2): 213-222.
  17. Blankart CB, Stargardt T (2017): Preferred supplier contracts in post-patent prescription drug markets, *Health Care Management Science*, 20(3):419-432.
  18. Stargardt T, Eckmann C, Bouza E, Rossolini GM, Grossi PA (2018): Attitudes of physicians from 10 European countries on adherence and how treatment modalities in ABSSSI affect adherence: results from a Delphi survey, *European Journal of Clinical Microbiology & Infectious Diseases*, 37(9):1611-1618.
  19. Achelrod D, Schreyögg J, Stargardt T (2017): Health-economic evaluation of home telemonitoring for COPD in Germany: evidence from a large population-based cohort, *European Journal of Health Economics*, 18(7): 869-892.
  20. Lauenroth V, Stargardt T (2017): Pharmaceutical Pricing in Germany: How is Value Determined within the Scope of AMNOG?, *Value in Health*, 20(7): 927-935.
  21. Achelrod D, Welte T, Schreyögg J, Stargardt T (2016): Costs and Outcomes of the German Disease Management Programme (DMP) for Chronic Obstructive Pulmonary Disease (COPD) - A large population-based cohort study, *Health Policy*, 120(9): 1029-39.
  22. Fischer K, Heisser T, Stargardt T (2016): Health benefit assessment of pharmaceuticals: An international comparison of decisions from Germany, England, Scotland and Australia, *Health Policy*, 120(10):1115-20.
  23. Hofer F, Achelrod D, Stargardt T (2016): Cost-Utility Analysis of Telemonitoring Interventions for Patients with Chronic Obstructive Pulmonary Disease (COPD) in Germany, *Applied Health Economics and Health Policy*, 14(6): 691-701.

24. Fischer K, Stargardt T (2016): The diffusion of generics after patent expiry in Germany, *European Journal of Health Economics*. 17(8): 1027-40.
25. Frey S, Blankart CB, Stargardt T (2016): Economic burden and quality of life effects of chronic lymphocytic leukemia: A systematic review of the literature, *Pharmacoeconomics*. 34(5): 479-498.
26. Guhl D, Fischer K, Schneider U, Stargardt T (2016): Dispensing behaviour of pharmacies in prescription drug markets, *Health Policy*, 120(2):190-7.
27. Fischer K, Stargardt T (2014): Early benefit assessment of pharmaceuticals in Germany: manufacturers' expectations versus the Federal Joint Committee's decisions, *Medical Decision Making*, 34(8):1030-47.
28. Stargardt T, Schreyögg J, Kondofersky I (2014): Measuring the Relationship between Costs and Outcomes: the Example of Acute Myocardial Infarction in German Hospitals, *Health Economics*, 23(6):653-69.
29. Achelrod D, Blankart C, Linder R, Kodolitsch Y, Stargardt T (2014): The economic impact of Marfan syndrome: a non-experimental, retrospective, population-based matched cohort study, *Orphanet Journal of Rare Diseases*; 9:90.
30. Achelrod D, Stargardt T (2014): Cost-Utility Analysis Comparing Heavy-Weight and Light-Weight Mesh in Laparoscopic Surgery for Unilateral Inguinal Hernias, *Applied Health Economics and Health Policy*, 12(2): 151-163.
31. Frey S, Linder R, Juckel G, Stargardt T (2014): Cost-effectiveness of long-acting injectable risperidone versus flupentixol decanoate in the treatment of schizophrenia – a Markov model parameterized using administrative data from a German sickness fund, *European Journal of Health Economics*, 15(2):133-142.
32. Haas L, Stargardt T, Schreyoegg J, Schlösser R, Danzer G, Klapp B (2013): The trade-off between costs and quality of care in the treatment of psychosomatic patients with somatoform pain disorder, *Applied Health Economics and Health Policy*, 11(4):359-368.
33. Blankart R, Koch T, Linder R, Verheyen F, Schreyögg J, Stargardt T (2013): Cost of illness and economic burden of chronic lymphocytic leukemia, *Orphanet Journal of Rare Diseases*, 8(1):32.
34. Vadoros S, Stargardt T (2013): Reforms in the Greek pharmaceutical market during the financial crisis, *Health Policy*, 109(1):1-6.
35. Frey S, Stargardt T (2012): Compliance and persistence measurement using administrative data from German sickness funds, *Pharmacotherapy*, 32(10): 880-889.
36. Stargardt T, Schreyögg J (2012): A framework to evaluate the effects of small area variations in healthcare infrastructure on diagnostics and patient outcomes of rare diseases based on administrative data, *Health Policy*, 105(2-3): 110-118.

37. Roll K, Stargardt T, Schreyögg J (2012): Effect of type of insurance and income on waiting time for outpatient care, *Geneva Papers on Risk and Insurance - Issues and Practice*, 37(4): 609-632.
38. Stargardt T, Edel MA, Ebert A, Busse R, Juckel G, Gericke CA (2012): Effectiveness and cost of atypical versus typical antipsychotic treatment in a nationwide cohort of schizophrenic patients in Germany, *Journal of Clinical Psychopharmacology*, 32(5): 602-607.
39. Haas L, Stargardt T, Schreyögg J (2012): Cost-effectiveness of open versus laparoscopic appendectomy in the US: a multilevel approach with propensity score matching, *European Journal of Health Economics*, 13(5): 549-60.
40. Bäumler M, Stargardt T, Schreyögg J, Busse R (2012): Cost-effectiveness of drug-eluting stents in AMI patients in Germany, *Applied Health Economics and Health Policy*, 10(4): 235-248.
41. Haas L, Stargardt T, Schreyögg J, Schlössel R, Danzer G, Klapp BF (2012): Introduction of DRG-based reimbursement in inpatient psychosomatics – An examination of cost homogeneity and cost predictors in the treatment of patients with eating disorders, *Journal of Psychosomatic Research*, 73(5): 383-90.
42. Schreyögg J, Stargardt T (2012): Gesundheitsökonomische Evaluation auf Grundlage von GKV-Routinedaten, *Bundesgesundheitsblatt*, 55: 668-676.
43. Haas L, Stargardt T, Schreyögg J, Schlösser R, Danzer G, Klapp BF (2012): Inpatient costs and predictors of costs in the psychosomatic treatment of anorexia nervosa, *International Journal of Eating Disorders*, 45(2): 214-21.
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45. Schreyögg J, Stargardt T, Tiemann O (2011): Costs and quality of hospitals in different health care systems: a multi-level approach with propensity score matching, *Health Economics*, 20(1): 85-100.
46. Blankart R, Stargardt T, Schreyögg J (2011): Availability of and Access to Orphan Drugs: An International Comparison of Pharmaceutical Treatments for Pulmonary Arterial Hypertension, Fabry Disease, Hereditary Angioedema and Chronic Myeloid Leukaemia, *Pharmacoconomics*, 29(1): 63-82.
47. Roll K, Stargardt T, Schreyögg J (2011): Zulassung und Erstattung von Orphan Drugs im internationalen Vergleich, *Das Gesundheitswesen*; 73(8): 504-514.
48. Drummond M, Jönsson B, Rutten F, Stargardt T (2011): Obtaining value for money from pharmaceuticals: a comparison of reference pricing with health technology assessment, *European Journal of Health Economics*, 12(3):263-271.
49. Stargardt T, Mavrogiorgou P, Gericke CA, Juckel G (2011): Effectiveness and costs of flupentixol compared to other first and second generation antipsychotics in the treatment of schizophrenia, *Psychopharmacology*, 216(4): 579-87.

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51. Stargardt T (2010): The Impact of Reference Pricing on Switching Behaviour and Healthcare Utilisation: The Case of Statins in Germany, *European Journal of Health Economics*, 11(3): 267-277.
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53. Buck AK, Herrmann K, Stargardt T, Dechow T, Krause BJ, Schwaiger M, Schreyögg J (2010): Economic Evaluation of PET and PET/CT in Oncology Evidence and Methodological Approaches, *The Journal of Nuclear Medicine*, 51(3):401-412.
54. Stargardt T, Gonder-Frederick L, Krobot K, Alexander C (2009): Fear of Hypoglycaemia: Defining a Minimum Clinically Important Difference, in *Health and Quality of Life Outcomes*, 7(91).
55. Marett L, Stargardt T, Mavros P, Alexander C (2009): Patient-reported outcomes in a survey of patients treated with oral antihyperglycaemic medications: associations with hypoglycaemia and weight gain, in *Diabetes Obesity and Metabolism*, 11: 1138-1144.
56. Stargardt T, Alexander C, Yin D (2009): Treatment choice and effectiveness of adding sulphonylurea or glitazones to metformin for the treatment of type 2 diabetes mellitus, *Diabetes Obesity and Metabolism*, 11: 491-497.
57. Weinbrenner S, Assion H, Stargardt T, Busse R, Juckel G, Gericke C (2009): Antipsychotic prescription patterns for schizophrenic outpatients in Germany, *Pharmacopsychiatry*, 42(2): 66-71.
58. Stargardt T, Weinbrenner S, Busse R, Juckel G, Gericke C (2008): Effectiveness and cost of atypical versus typical antipsychotic treatment for schizophrenia in routine care: retrospective cohort study, *Journal of Mental Health Policy and Economics*, 10(2): 89-97.
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60. Schreyögg J, Tiemann O, Stargardt T, Busse R (2008): Cross-country comparisons of costs: the use of episode-specific transitive purchasing power parities with standardised cost categories, *Health Economics*, 17(S1): 95-103.
61. Stargardt T, Schreyögg J, Busse R (2007): Pricing Behaviour of Pharmacies After Market Deregulation for OTC Drugs: The Case of Germany, *Health Policy*, 84(1): 30-38.
62. Stargardt T, Schreyögg J (2006): The Impact of Cross-reference Pricing on Pharmaceutical Prices – Manufacturers' Pricing Strategies and Price Regulation, *Applied Health Economics and Health Policy*, 5(4): 235-247.

63. Schreyögg J, Stargardt T, Tiemann O, Busse R (2006): Methods to determine reimbursement rates for diagnosis related groups (DRG): a comparison of nine European countries, in: *Health Care Management Science*, 9(3):215-224.
64. Velasco-Garrido M, Schreyögg J, Stargardt T, Busse R (2006): Description des paniers de soins de neuf pays de l'Union européenne, in: *Revue française des Affaires sociales*, 2-3:32-90.
65. Stargardt T, Schreyögg J, Busse R (2005): Arzneimittelfestbeträge: Gruppenbildung, Preisberechnung mittels Regressionsverfahren und Wirkungen, in: *Das Gesundheitswesen*, 67(7):469-478.
66. Schreyögg J, Stargardt T, Velasco-Garrido M, Busse R (2005): Defining the benefit basket in nine European countries: Evidence from EU-HealthBASKET project, in: *European Journal of Health Economics*, 6(S1):2-10.
67. Busse R, Stargardt T, Schreyögg J (2005): Determining the benefit basket of the Statutory Health Insurance scheme in Germany: methodologies and criteria, in: *European Journal of Health Economics*, 6(S1):30-36.
68. Farhauer O, Borchardt K, Stargardt T (2004): Bürgerversicherung – Die Wirkung von Kopfprämien auf den Arbeitsmarkt, in: *Zeitschrift für die gesamte Versicherungswissenschaft*, 93(3):349-372.

## **Non peer-reviewed publications**

### **a) Books and book chapters**

1. Hofer F, Silva CF, Stargardt T, (2019): Healthcare Management – How to incentivize radiologists to facilitate value-based imaging, in: Silva CF, van Stackelberg O, Kauczor HU [eds.], *Value-based Radiology: A Practical Approach*, 67-74.
2. Stargardt T, Vadoros S (2014): Pharmaceutical Pricing and Reimbursement Regulation in Europe, in: Culyer JA [ed.], *Encyclopedia of Health Economics*, Vol 3. San Diego: Elsevier, 29-36.
3. Blankart R, Roll K, Heimeshoff M, Stargardt T, Schreyögg J (2014): Innovationsbedarf in der Gesundheitswirtschaft im Spiegel der Forschung, in: Bieber D, Geiger M [Hrsg.]: *Personenbezogene Dienstleistungen im Kontext komplexer Wertschöpfung*, Springer, pp. 257-267.
4. Busse R, Schreyögg J, Stargardt T [Hrsg.] (2012): *Management im Gesundheitswesen*, Springer.
5. Stargardt T, Schreyögg J (2012): Leistungsmanagement in der Arzneimittelindustrie, in: Busse R, Schreyögg J, Stargardt T: *Management im Gesundheitswesen*, Springer, pp. 128-148.

6. Stargardt T, Tiemann O (2012): Personalmanagement im Gesundheitswesen – Einführung und methodische Grundlagen, in: Busse R, Schreyögg J, Stargardt T: Management im Gesundheitswesen, Springer, pp. 336-338.
7. Schreyögg J, Stargardt T (2009): Leistungsmanagement in der Arzneimittelindustrie, in: Busse R, Schreyögg J, Gericke C: Management im Gesundheitswesen, Springer, S. 122-140.
8. Schreyögg J, Stargardt T (2006): Leistungsmanagement in der Arzneimittelindustrie, in: Busse R, Schreyögg J, Gericke C: Management im Gesundheitswesen, Springer, S. 123-141.

**b) Other publications**

1. Helms TM, Gulba D, Ahrens I, Schäfer A, Hankowitz J, Kuhlencordt P, Lipp HP, Nikol S, Riess H, Stargardt T, Bramlage P (2017): Therapie und Sekundärprävention der venösen Thromboembolie – Orale Antikoagulation im Wandel, Deutsche Medizinische Wochenschrift 142:1-8.
2. Helms TM, Silber S, Schäfer A, Masuhr F, Palm F, Darius H, Schrör K, Bänsch S, Bramlage P, Hankowitz J, Karle CA, Stargardt T, Weil J, Geller JC (2016): Konsensuspapier: Schlaganfallprophylaxe bei Patienten mit nichtvalvulärem Vorhofflimmern, Herzschrittmachertherapie+ Elektrophysiologie, 27(3): 295-306.
3. Vadoros S, Stargardt T (2013): Authors' response to 'Health service expenditures and efficiencies in Greece', Health Policy, 111(2): 208-209.
4. Schreyögg J, Schultz C, Stargardt T, Busse R (2012): Focus on designing health care structures and services for rare diseases, Health Policy, 105(2-3): 107-109.
5. Roll K, Stargardt T, Schreyögg J (2012): Einfluss von Versichertenstatus und Einkommen auf die Wartezeit im ambulanten Bereich, Monitor Versorgungsforschung, 5(5): 27-29.
6. Stargardt T (2006) Focus on Germany, Reference Pricing, in: Pharmaceutical Marketing Europe, 3(1):32-34.
7. Farhauer O, Borchardt K, Stargardt T (2005): Bürgerversicherung \* Systematisierung und Bewertung der Reformvarianten, in: Wirtschaftswissenschaftliches Studium WiSt, 34(6):308-314.