

Curriculum Vitae

Professor Andrew Street

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Andrew Street joined the Department of Health Policy at the London School of Economics in September 2017. Previously he was at the University of York, which he joined in 1995, and where he was Director of the Health Policy team in the Centre for Health Economics and Director of the Economics of Social and Health Care Research Unit (ESHCRU). He has worked on secondment for health ministries in Australia (1993) and England (2005), and has served as editor of the *Journal of Health Economics* (2006-2018), board member of the NIHR Health Services and Delivery Research Commissioning Board (2010-2017) and the Research Council of Norway's Health and Care Services Board (2011-2013), and as specialist advisor to the House of Commons Health & Care Committee for budget related inquiries (2016-2019). Andrew has published over 130 peer-reviewed journal articles on topics including health system productivity, hospital efficiency, hospital payment arrangements and DRG-funding, organisational performance measurement, patient reported outcomes, integrated health and social care, frailty assessment of older people, and econometric analyses of variation among patients in costs, length of stay and outcomes.

Qualifications

1988	BA Philosophy and Economics, University College, London
1990	MSc Health Economics, University of York
2000	MA Public Administration and Public Policy, University of York
2003	PhD Economics, University of York

Appointments

1991	Research Fellow, Centre for Health Economics, University of York
1991-4	Research Fellow, National Centre for Health Program Evaluation, Monash University, Australia
1993	Project Officer, Department of Health and Community Services, Victoria, Australia
1994-9	Research Fellow, York Health Economics Consortium, University of York
1999-2001	Research Fellow, Centre for Health Economics, University of York
2001	Marie Curie Fellow, Center for Study of Organisations and Decisions in Economics, Universitat Autònoma de Barcelona, Spain
2001-2008	Senior Research Fellow, Centre for Health Economics, University of York
2002	Visiting Scholar, Department of Pharmacy, University of Washington, USA
2005	Economic Advisor, Department of Health, Leeds (part-time)
2008-2011	Visiting Fellow, Danish Institute for Health Services Research, Copenhagen
2008-2017	Professor of Health Economics, Centre for Health Economics, University of York
2011-2017	Director, Economics of Social and Health Care Research Unit
2013-2016	External affiliate, Institut for Virksomhedsledelse og Økonomi University of Southern Denmark
2017-present	Professor of Health Economics, London School of Economics and Political Science

LSE Courses taught

HP402/HP4B3E	Measuring Health System Performance
HP420	Health Economics

HP434	Methods and Data for Health Systems Performance Assessment
HP4C1E	Economic Analysis for Health Policy
HP4C5E	Using Health Economics to Analyse and Inform Policy and Practice
HP4E2E	Paying for Health Care
HP4E6E	Measuring the Performance of Health Services and Systems
HP500	Advanced Health Policy and Health Economics (MPhil/PhD course)

Recent administrative roles

2016-2019	Specialist advisor, House of Commons Health and Care Committee, Impact of the Budget on health and social care
2017-2021	Programme Director, LSE-Chicago Double Executive MSc in Health Policy
2017-present	Programme Director, MPhil/PhD Health Policy and Health Economics
2017-2108	Academic representative, LSE Information Governance Committee
2017-2019	Chair, Strategy Committee, Department of Health Policy
2017-2019	Member, LSE ISO27001 Governance Board
2018-2019	Chair, Teaching Committee, Department of Health Policy
2019-2021	Member, Promotions Committee, LSE
2021-	Member, Ethics (Grants and Donations) Panel, LSE
2021-2022	Programme Director, MSc Global Health (maternity cover)
2022-2023	Deputy Head of Department, Department of Health Policy
2022-2023	Programme Director, MSc Health Data Science (paternity cover)
2023-	Programme Director, EMSc Health Economics, Outcomes and Management in Clinical Sciences
2023-2026	Head of Department, Department of Health Policy

Recent Funding awards

1. Street A, Asaria M, McGuire A. Does management have a positive influence on hospital performance? The Health Foundation, £193,237.
2. Conroy S, Mason S, Brailsford S, Martin G, Street A, Preston L, Burton C, Riley P, Lalseta J, Maynou Pujolras L. Identifying models of care to improve outcomes for older people with emergency and urgent care needs. NIHR HS&DR Project:17/05/96, £931,653.
3. Maynou L, Street A. An evaluation of the Acute Frailty Network. Acute Frailty Network. £20,000.
4. Conroy S et al. Understanding the trajectory of frailty across the life course. NIHR HS&DR Project: NIHR203451. £284,913.
5. Adamson J et al (Street A co-applicant). The MEASURE study: Mixed Methods EvaluAtion of the high-volume low-complexity Surgical hUb pRogrammE. Call: 22/26 Evaluating the High Volume Low Complexity (HVLC) surgical hubs model. NIHR HS&DR Project: NIHR153387. £1,664,659 (£33,186 to LSE) Start May 2023, duration 48 months.
6. Mason A et al (Street A co-applicant). NIHR Policy Research Unit in the Economics of Health and Care Systems. NIHR206116. £5,499,997, Start January 2024, duration 5 years.
7. Street A, Maynou L (PI). Improving physical health care in older people in mental health settings: The ImPreSs-Care Quantitative Study, The Dunhill Medical Trust, £19,000, duration 12 months

Peer reviewed publications

1. Gilbert T, Cordier Q, Polazzi S, **Street A**, Conroy S, Duclos A. Combining the Hospital Frailty Risk Score with the Charlson and Elixhauser Multimorbidity Indices to Identify Older Patients at Risk of Poor Outcomes in Acute Care. *Medical Care*. December 11, 2023. DOI: [10.1097/MLR.0000000000001962](https://doi.org/10.1097/MLR.0000000000001962)
2. **Street A**, Maynou L, Conroy S. Did the Acute Frailty Network improve outcomes for older people living with frailty? A staggered difference-in-difference panel event study. *BMJ Quality & Safety* Published Online First: 06 July 2023. <http://dx.doi.org/10.1136/bmjqs-2022-015832>
3. Maynou, L., **Street, A.**, García-Altés, A. Living longer in declining health: factors driving health care costs among older people, *Social Science and Medicine*, Online First: 12 May 2023

- <https://doi.org/10.1016/j.socscimed.2023.115955>
4. Maynou, L., **Street, A.**, Burton, C., Mason, S., Stone, T., Martin, G., van Oppen, J., Conroy, S. Factors associated with longer wait times, admission and reattendances in older patients attending emergency departments. An analysis of linked healthcare data. *Emergency Medicine Journal*, Online First: 17 January 2023 <http://dx.doi.org/10.1136/emmermed-2022-212303>
 5. England T, Brailsford S, Evenden D, **Street A**, Maynou L, Mason SM, Burton C, van Oppen J, Conroy S. Examining the effect of interventions in emergency care for older people using a system dynamics decision support tool. *Age & Ageing*, 2023 Jan 8;52(1):afac336. <https://doi.org/10.1093/ageing/afac336>
 6. Anderson M, McGuire A, **Street A**. What would “proper” long-term NHS and social care workforce planning look like? *BMJ* 2022; 378: e072977 <https://www.bmj.com/content/378/bmj-2022-072977.full>
 7. Maynou, L., Owen, R., Konstant-Hambling, R. et al. The association between frailty risk and COVID-19-associated all-mortality in hospitalised older people: a national cohort study. *European Geriatric Medicine* (2022). <https://doi.org/10.1007/s41999-022-00668-8>
 8. Rodrigues D, **Street A**, Santos MJ, Rodrigues AM, Marques Gomes J, Canhão H. Using Patient-Reported Outcome Measures to Evaluate Care for Patients with Inflammatory Chronic Rheumatic Disease, *Value in Health*, 2022 <https://doi.org/10.1016/j.jval.2022.05.012>
 9. Asaria, M., McGuire, M. & **Street, A.** (2021), The impact of management on hospital performance. *Fiscal Studies*. 1–17. <https://doi.org/10.1111/1475-5890.12293>
 10. **Street, A**, Smith, P. How can we make valid and useful comparisons of different health care systems? *Health Serv Res*. 2021; 56(Suppl. 3): 1299- 1301. doi:10.1111/1475-6773.13883
 11. Maharaj R, McGuire A, **Street A**. Association of Intensive Care Unit Annual Sepsis Caseload with Patient Mortality from Sepsis in the United Kingdom, 2010-2016. *JAMA Netw Open*. 2021;4(6):e2115305. doi:10.1001/jamanetworkopen.2021.15305
 12. Gilbert T et al, External validation of the Hospital Frailty Risk Score in France. *Age and Ageing*, afab126, <https://doi.org/10.1093/ageing/afab126>
 13. Anderson M, et al. The Future of the NHS: Securing a sustainable, fit for purpose health and care workforce. *The Lancet* Available online 6 May 2021 [https://doi.org/10.1016/S0140-6736\(21\)00231-2](https://doi.org/10.1016/S0140-6736(21)00231-2)
 14. Charlesworth A, et al. The Future of the NHS: What is the right level of spending needed for health and care in the UK? *The Lancet* Available online 6 May 2021 [https://doi.org/10.1016/S0140-6736\(21\)00230-0](https://doi.org/10.1016/S0140-6736(21)00230-0)
 15. Anderson M, et al. LSE–Lancet Commission on the future of the NHS: re-laying the foundations for an equitable and efficient health and care service after COVID-19. *The Lancet* 6 May 2021 [https://doi.org/10.1016/S0140-6736\(21\)00232-4](https://doi.org/10.1016/S0140-6736(21)00232-4)
 16. **Street A**, Maynou L, Gilbert T, Stone T, Mason S, Conroy S. Optimal construction of the Hospital Frailty Risk Score: accounting for past admissions in calculating the frailty risk of hospital patients. *Lancet Health Longevity*, 23 February 2021 [https://doi.org/10.1016/S2666-7568\(21\)00004-0](https://doi.org/10.1016/S2666-7568(21)00004-0)
 17. Kasteridis P, Mason A, **Street A**. Evaluating integrated care for people with complex needs. *Journal of Health Services Research and Policy*. 1 July 2020 <https://doi.org/10.1177/1355819620931872>
 18. Gaughan JM, Kasteridis P, Mason A, **Street A**. Why are there long waits at English Emergency Departments? *European Journal of Health Economics*, 24 October 2019, <http://link.springer.com/article/10.1007/s10198-019-01121-7>
 19. Gaughan JM, Gutacker N, Grašič K, Kreif N, Siciliani L, **Street A**. Paying for Efficiency: incentivising same-day discharges in the English NHS. *Journal of Health Economics*, 2019, 68 <https://doi.org/10.1016/j.jhealeco.2019.102226>
 20. Conroy S P, Bardsley M, Smith P, Neuburger J, Keeble E, Arora S, Kraindler J, Ariti C, Sherlaw-Johnson C, **Street A**, Roberts H, Kennedy S, Martin G, Phelps K, Regen E, Kocman D, McCue P, Fisher E & Parker S. Comprehensive geriatric assessment for frail older people in acute hospitals: the HoW-CGA mixed-methods study. *Health Serv Deliv Res* 2019; 7(15) <https://www.journalslibrary.nihr.ac.uk/hsdr/hsdr07150/#/full-report>
 21. Chambers D, Booth A, Rodgers M, Preston L, Dalton J, Goyder E, Thomas S, Parker G, **Street A**, Eastwood A. Evidence to support delivery of effective health services: a responsive programme of rapid evidence synthesis. *Evidence & Policy*, 18 January 2019 <https://doi.org/10.1332/174426419X15468574223221>
 22. Gutacker N, **Street AD**. Calls for routine collection of patient-reported outcome measures (PROMs) are getting louder. *Journal of Health Services Research & Policy*, (editorial) 20 November 2018 <https://journals.sagepub.com/doi/full/10.1177/1355819618812239>
 23. Atella V, Belotti F, Bojke C, Castelli A, Grašič K, Kopinska J, Piano Mortari A, **Street A**. How does health policy shape healthcare sector productivity? Evidence from Italy and UK. *Health Policy*, 27 November 2018 2018 <https://doi.org/10.1016/j.healthpol.2018.10.016>
 24. Dixon J, **Street A**, Allwood D. Productivity in the NHS: why it matters and what to do next *BMJ* 2018; 363 :k4301.

25. O'Hara JK, Grašič K, Gutacker N, **Street A**, Foy R, Thompson C, Wright J, and Lawton R. Identifying positive deviants in healthcare quality and safety: a mixed methods study. *Journal of the Royal Society of Medicine*, May 11, 2018 <https://doi.org/10.1177/0141076818772230>
26. Gilbert, T., Neuburger, J., Kraindler, J., Keeble, E., Smith, P., Ariti, C., Arora, S., **Street, A.**, Parker, S., Roberts, H. C., Bardsley, M. & Conroy, S. 2018. Development and validation of a Hospital Frailty Risk Score focusing on older people in acute care settings using electronic hospital records: an observational study. *The Lancet*, 391, 1775-1782. [https://www.thelancet.com/journals/lancet/article/PIIS0140-6736\(18\)30668-8/fulltext](https://www.thelancet.com/journals/lancet/article/PIIS0140-6736(18)30668-8/fulltext)
27. Sutton M, Garfield-Birkbeck S, Martin G, Meacock R, Morris S, Sculpher M, **Street A**, Watson SI, and Lilford RJ.. Economic analysis of service and delivery interventions in health care. Southampton (UK): NIHR Journals Library; 2018 Feb. *Health Services and Delivery Research*, No. 6.5. Available from: <https://www.ncbi.nlm.nih.gov/books/NBK481909/> doi: 10.3310/hsdr06050
28. Rodgers M, Dalton J, Harden M, **Street A**, Parker G, Eastwood A. Integrated Care to Address the Physical Health Needs of People with Severe Mental Illness: A Mapping Review of the Recent Evidence on Barriers, Facilitators and Evaluations. *International Journal of Integrated Care*. 2017. DOI: 10.5334/ijic.2605
29. Gutacker N, **Street A**. Use of large scale HRQoL datasets to generate individualised predictions and inform patients about the likely benefit of surgery. *Quality of Life Research*, September 2017, 26 (9), 2497–2505 DOI: 10.1007/s11136-017-1599-0.
30. Gutacker N, **Street A**. Multidimensional performance assessment of public sector organisations using dominance criteria. *Health Economics*, 2018, 27 (2), e13-e2718 DOI: 10.1002/hec.3554 DOI: 10.1002/hec.3554.
31. Bojke C, Grašič K, **Street A**. How should hospital reimbursement be refined to support concentration of complex care services? *Health Economics*, 2018, 27 (1), e26-e38 DOI: 10.1002/hec.3525
32. Bojke C, Castelli A, Grašič K, **Street A**, Productivity growth in the English National Health Service from 1998/1999 to 2013/2014, *Health Economics*, 26 (5) 5, 547–565, May 2017 DOI: 10.1002/hec.3338
33. Rodgers M, Dalton J, Harden M, **Street A**, Parker G, Eastwood A. Integrated care to address the physical health needs of people with severe mental illness: a rapid review. *Health Serv Deliv Res* 2016;4(13) <http://dx.doi.org/10.3310/hsdr04130>
34. Russell H, **Street A**, Ho V. How Well Do All Patient Refined–Diagnosis-Related Groups Explain Costs of Pediatric Cancer Chemotherapy Admissions in the United States? *Journal of Oncology Practice*, 2016 12(5), 564-575.
35. Rodgers M, Thomas S, Harden M, Parker G, **Street A**, Eastwood A. Developing a methodological framework for organisational case studies: a rapid review and consensus development process. *Health Serv Deliv Res* January 2016 4;1 DOI: <http://dx.doi.org/10.3310/hsdr04010>
36. Martin S, **Street A**, Han L, Hutton J. 2015. Have hospital readmissions increased in the face of reductions in length of stay? Evidence from England. *Health Policy*, 2016 120(1): 89-99 doi:10.1016/j.healthpol.2015.11.003
37. Bojke C, Castelli A, Grašič K, Howdon D, **Street A**. Did NHS productivity increase under the Coalition government? In: Exworthy M, Mannion R, Powell M. Dismantling the NHS? Evaluating the impact of health reforms. Policy Press, 2016.
38. Dalton J, Chambers D, Harden M, **Street A**, Parker G, and Eastwood A. Service user engagement in health service reconfiguration: a rapid evidence synthesis. *J Health Serv Res Policy* July 2016 vol. 21 no. 3 195-205
39. Castelli A, Daidone S, Jacobs R, Kasteridis P, **Street A**. The determinants of costs and length of stay for hip fracture patients. *PLoS One* 2015;doi:10.1371/journal.pone.013354
40. Grašič K, Mason A, **Street A**. Paying for the quantity and quality of hospital care: the foundations and evolution of payment policy in England, *Health Economics Review*, June 2015; 5:15.
41. Kasteridis P, **Street A**, Dolman M, Gallier L, Hudson K, Martin J, Wyer I. Who would benefit most for improved integrated care? Implementing an analytical strategy in South Somerset. *International Journal of Integrated Care*, Vol 15, January-March 2015, 1-11
42. Gomes M, Gutacker N, **Street A**, Bojke C. Addressing missing data in patient-reported outcome measures (PROMs): implications for the use of PROMs for comparing provider performance. *Health Economics*, 2016;58(5), 515-528;doi:10.1002/hec.3173
43. Gutacker N, **Street A**, Gomes M, Bojke C. Should English healthcare providers be penalised for failing to collect patient-reported outcome measures (PROMs)? *Journal of the Royal Society of Medicine*, 2015; 108: 317-324 DOI: 10.1177/0141076815576700
44. Castelli A, **Street A**, Verzulli R, Ward P. Examining variations in hospital productivity in the English NHS. *European Journal of Health Economics*, 2015, 16 (3), 243-254; DOI 10.1007/s10198-014-0569-5..
45. **Street A**, Gutacker N, Bojke C, Devlin N, Daidone S. Variations in outcome and costs among NHS providers

- for common surgical procedures: econometric analyses of routinely collected data. *Health Services Delivery and Research*, 2014;2(1) DOI: 10.3310/hsdr02010
46. Busse R, Geissler A, Aaviksoo A, Cots F, Häkkinen U, Kobel C, Mateus C, Or Z, O'Reilly J, Serdén L, **Street A**, Tan S and Wilm Q. Diagnosis Related Groups in Europe: Moving Towards Transparency, Efficiency, and Quality in Hospitals?, *British Medical Journal*, 2013, 346, f3197
 47. Gutacker N, Bojke C, Daidone S, Devlin N, **Street A**. Analysing hospital variation in health outcome at the level of EQ-5D dimensions. *Medical Decision Making*, 2013;33(6) 804-818.
 48. Daidone S, **Street A**. How much should be paid for specialised treatment? *Social Science and Medicine*, 2013; 84:110-8; <http://dx.doi.org/10.1016/j.socscimed.2013.02.005>
 49. Bojke C, Castelli A, Laudicella M, **Street A**, Ward P. Regional variation in the productivity of the English National Health Service, *Health Economics*, 2013; 22(2): 194-211 DOI: 10.1002/hec.2794.
 50. Smith PC, **Street A**. Using patient reported outcome measures. *Health Economics*, 2013;22(2):119-131.
 51. Siciliani L, Sivey P, **Street A**. Differences in length of stay between public hospitals, treatment centres and private providers: selection or efficient practice? *Health Economics*, 2013; 22(2): 234-242.
 52. Olsen KR, Gyrd-Hansen D, Højmark TB, Kristensen T, Vedsted P, **Street A**. Organisational determinants of production and efficiency in General Practice. A population based study. *European Journal of Health Economics*, 2013;14:267–276 DOI 10.1007/s10198-011-0368-1.
 53. Gutacker N, Bojke C, Daidone S, Devlin N, Parkin D, **Street A**. Truly inefficient or providing better quality of care? analysing the relationship between risk-adjusted hospital costs and patients' health outcomes. *Health Economics*, 2013; 22(8): 931-947 doi:10.1002/hec.2871.
 54. **Street A**, Kobel C, Renaud T, Thuilliez J. How well do Diagnosis Related Groups explain variations in costs or length of stay among patients and across hospitals? Methods for analysing routine patient data. *Health Economics*, 2012: S21: 6-18
 55. Mason A, Or Z, Renaud T, **Street A**, Thuilliez J, Ward. How well do DRGs for appendectomy explain variations in resource use? An analysis of patient level data from 10 European countries. *Health Economics*, 2012: S21: 20-40.
 56. Gaughan J, Kobel C, Linhart C, Mason A, **Street A**, Ward P. Why do patients having coronary artery bypass grafts have different costs or length of stay? An analysis across ten European countries. *Health Economics*, 2012: S21: 77-89.
 57. **Street A**, O'Reilly J, Ward P and Mason A. DRG-based hospital payment and efficiency: Theory, evidence, and challenges. In Busse R, Geissler A, Quentin W, Wiley M (Eds) *Diagnosis Related Groups in Europe: Moving towards transparency, efficiency and quality in hospitals*; Open University Press, Berkshire, England, p93-114, 2011.
 58. Mason A, Ward P and **Street A**. England: The Healthcare Resource Group system. In Busse R, Geissler A, Quentin W, Wiley M (Eds) *Diagnosis Related Groups in Europe: Moving towards transparency, efficiency and quality in hospitals*; Open University Press, Berkshire, England, p197-220, 2011.
 59. Allen P, Keen J, Wright J, Dempster PG, Townsend J, Hutchings A, **Street A**, Verzulli R. Investigating the governance of autonomous public hospitals in England: multi-site case study of NHS Foundation Trusts, *Journal of Health Services Research and Policy*, 2012 DOI: 10.1258/jhsrp.2011.011046.
 60. O'Reilly J, Busse R, Häkkinen U, Or Z, **Street A**, Wiley M. Paying for hospital care: the experience with implementing activity-based funding in five European countries, *Health Economics Policy and Law*, 2012: 7: 73-101.
 61. Maynard A, **Street A**, Hunter R. Using 'payment by results' to fund the treatment of dependent drug users—proceed with care! *Addiction* 2011; 106 (10), 1725–1729 DOI: 10.1111/j.1360-0443.2011.03503.x
 62. Burgess J, **Street A**. Measuring organisational performance. In: Smith PC, Glied SA. *The Oxford Handbook of Health Economics*, Oxford University Press, Oxford, p688-706, 2011.
 63. Miraldo M, Siciliani L, **Street A**. Price adjustment in the hospital sector. *Journal of Health Economics*, 2011; 30(1), 112-125.
 64. Hvenegaard A, Nielsen Arendt J, **Street A**, Gyrd-Hansen D. Exploring the relationship between costs and quality: Does the joint evaluation of costs and quality alter the ranking of Danish hospital departments? *European Journal of Health Economics* 2011;12:541-551.
 65. Castelli A, Laudicella M, **Street A**, Ward P. Getting out what we put in: productivity of the English NHS. *Health Economics, Policy and Law*, 2011; 6: 313-335 http://journals.cambridge.org/repo_A83r1Vwc.
 66. Laudicella M, Olsen KR, **Street A**. What explains variation in the costs of treating patients in English English obstetrics specialties? *Social Science and Medicine*, 2010: 71, 1872-1881.
 67. Mason A, **Street A**, Verzulli R. Private sector treatment centres are treating less complex patients than the NHS. *Journal of the Royal Society of Medicine*, 2010;103:322-331.
 68. Kristensen T, Laudicella M, Ejersted C, **Street A**. Cost variation in diabetes care delivered in English hospitals. *Diabetic Medicine*, 2010: 27(8), 949-957.

69. **Street A**, Sivey P, Mason A, Miraldo M, Siciliani L. Are English treatment centres treating less complex patients? *Health Policy*, 2010: 94, 150-157.
70. Vitikainen K, Linna M, **Street A**. Substituting inpatient for outpatient care: what is the impact on hospital costs and efficiency? *European Journal of Health Economics*, 2010:11(4), 395-404.
71. Mason A, **Street A**, Miraldo M, Siciliani L. Should prospective payments be differentiated for public and private healthcare providers? *Health Economics, Policy and Law*, 2009: 4(4), 383-403.
72. Hvenegaard A, **Street A**, Sørensen TH, Gyrd-Hansen D. Does accounting for patient characteristics influence the inferences drawn about the relative performance of hospital departments? *Social Science and Medicine* 2009: 69, 640-647.
73. **Street A**, Häkkinen U. Health system productivity and efficiency. In: Smith PC, Mossialos E, Leatherman S, Papanicolas IN. Performance measurement for health system improvement: experiences, challenges and prospects. Cambridge University Press, Cambridge, 2009.
74. Vitikainen K, **Street A**, Linna M. Estimation of hospital efficiency – do different definitions and casemix measures for hospital output affect the results? *Health Policy*, 2009: 89 149–159.
75. Mannion R, **Street A**. Managing activity and expenditure in the new NHS market: evidence from South Yorkshire. *Public Money & Management*, 2009: 29(1) 27-34.
76. Mason A, Carr-Hill R, Myers L, **Street A**. The economics of engaging communities in health promotion. *Critical Public Health*, 2008: 18(3) 285-297.
77. Olsen KR, **Street A**. The analysis of efficiency among a small number of organisations: how inferences can be improved by exploiting patient-level data. *Health Economics*, 2008: 17, 671-281.
78. Mannion R, Marini G, **Street A**. Implementing Payment by Results in the English NHS: changing incentives and the role of information. *Journal of Health Organization and Management*, 2008 22(1)79-88
79. **Street A**. Does Information Technology improve the productivity of the health care system? *Revista Española de Economía de la Salud*, 2007: 6(5) 282-286.
80. **Street A**, Maynard A. Activity based financing in England: the need for continual refinement of Payment by Results. *Health Economics, Policy and Law*, 2007: 2(4) 419-427, 445-448.
81. Castelli A, Dawson D, Gravelle H, Jacobs R, Kind P, Loveridge P, Martin S, O'Mahony M, Stevens P, Stokes L, **Street A**, Weale M. A new approach to measuring health system output growth and productivity. *National Institute Economic Review*, 2007: 200(April) 105-117.
82. **Street A**. Should GPs hold budgets to purchase hospital services? *Revista Española de Economía de la Salud*, 2007: 6(2) 88-92
83. Smith PC, **Street A**. Measurement of Non-market Output in Education and Health. *Economic and Labour Market Review*, 2007: 6(1) 33-39.
84. Marini G, **Street A**. A transactions costs analysis of changing contractual relations in the English NHS. *Health Policy*, 2007: 83: 17-26.
85. **Street A**, Castelli A, Dawson D, Gravelle H. Retos en le medición y valoración de los rendimientos del sistema de salud. *Revista Española de Economía de la Salud*, 2006: 5(6) 335-342.
86. Castelli A, Dawson D, Gravelle H, **Street A**. Improving the measurement of health system output growth. *Health Economics*, 2007: 16(10) 1091-1107.
87. Hauck K, **Street A**. Do targets matter? A comparison of English and Welsh national health priorities. *Health Economics*, 2007: 16(3) 275-290.
88. **Street A**. Reforma de la financiación hospitalaria e introducción de mecanismos de elección en el sistema sanitario británico NHS. *Revista Española de Economía de la Salud*, 2006: 5(2) 97-102.
89. Olsen KR, **Street A**, Svenning AR, Hvenegaard AR, Søgaaard J. Usikkerade forbundet med opgørelse af relative produktivitet i sygehussektoren – et casestudie af danske sygehuse i perioden 2003-4. *Nationaløkonomisk Tidsskrift*. (Danish Economic Journal) 2006: 144: 353-361.
90. Hollingsworth B, **Street A**. The market for efficiency analysis of health care organisations. *Health Economics*, 2006: 15(10): 1055-1059.
91. **Street A**. The future of quality measurement in the NHS. *Expert Reviews of Pharmacoeconomics and Outcomes Research*, 2006: 6(3): 245-248.
92. Hauck K, **Street A**. Performance assessment in the context of multiple objectives: a multivariate multilevel analysis. *Journal of Health Economics*, 2006: 25, 1029-1048.
93. Smith PC, **Street A**. *Concepts and Challenges in Measuring the Performance of Health Care Organizations*. In: Jones, A.M., ed. Elgar Companion to Health Economics, Edward Elgar, Cheltenham, 2006.
94. Jacobs R, Smith PC, **Street A**. *Measuring Efficiency in Health Care: Analytic Techniques and Health Policy*. Cambridge University Press, 2006.
95. Mason A, **Street A**. Publishing outcome data: is it an effective approach? *Journal of Evaluation in Clinical Practice* 2006: 12, 1, 37-48.

96. Maynard A, **Street A**. Seven years of feast, seven years of famine: from boom to bust in the NHS? *British Medical Journal*, 2006; 332; 906-908.
97. Mason A, **Street A**. *To Publish or Not? Experience and evidence about publishing hospital outcomes data*. Office of Health Economics, London, 2005.
98. Mason A, **Street A**. Publishing outcomes data: is it an effective approach? *Journal of Evaluation in Clinical Practice*, 2005; 12 (1): 37-48.
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