

Competitive voucher schemes in health



2010

Presentations, abstracts, articles, educational material and other national and international dissemination activities in relation to the competitive voucher programmes developed by ICAS
www.icas.net

Educational Material / General Information Competitive Vouchers

- Gorter AC and Bellows BW, *Do competitive voucher schemes improve the provision of health care to underserved and/or vulnerable population groups? Experiences from Nicaragua, India and Africa*. Invited Seminar, Department of Social Medicine, University of Bristol, April 24, 2008.
- Sandiford P, Gorter A, Rojas Z, Salvetto M. *A guide to competitive vouchers in health*. Published by the Private Sector Advisory Unit of the World Bank, Summer, 2005. ISBN: 0-8213-5855-3.
- Gorter A, Sandiford P, Rojas Z, Salvetto M. *Competitive Voucher Schemes for Health. Background Paper*. Developed for the Private Sector Advisory Unit of the World Bank as part of a toolkit on competitive voucher schemes for health, Summer, 2003.
- Sandiford P, Gorter A and Salvetto M. *Vouchers for Health, Using Voucher Schemes for Output-Based Aid*. The World Bank Group. Public Policy for the Private Sector, Viewpoint 2002; 243, 1-4. (Note available at <http://rru.worldbank.org/Documents/PublicPolicyJournal/243Sandi-042302.pdf>)
- "Sobre Todo: Salud", Folleto educativo desarrollado en 2002 por el programa en conjunto con la fundacion SOA de Holanda, diseñado y validado para las trabajadoras sexuales beneficiarias del programa.

Other publications on voucher schemes

- Bhatia MR and Gorter AC. Improving access to Reproductive and Child Health services in developing countries: are competitive voucher schemes an option? *Journal of International Development*; 2007; 19(7): 975-981 (16 March 2007, DOI: 10.1002/jid.1361). Summary published in id21 Research Highlight: 18 December 2007.
- Bhatia MR, Yesudian CAK, Gorter AC and Thankappan KR. Demand side financing for Reproductive and Child Health (RCH) services in India. *Economic and Political Weekly*, January 2006, India.

Publications cervical cancer prevention voucher scheme:

- Micol Salvetto and Vivian Alvarado, A voucher scheme approach to screening for cervical cancer: the Nicaraguan experience, *Cancer Research Journal* 2008, 2 (2/3): 137-158.
- Roberto Pérez Solís, Invitan a marcha contra el cáncer, *La Prensa* 3 de Octubre 2007.
- Vivian Alvarado, Programa Integral de Prevención y Detección Precoz del Cáncer Cervical, ICAS, 2007.

- Vivian Alvarado, *Informe Final del Programa Integral de Prevención de Cáncer Cervical colaboración ICAS y Embajada del Reino de los Países Bajos*, Managua, Nicaragua, 2005.
- Howe SL, Vargas DE, Granada D, Smith JK, Cervical cancer prevention in remote rural Nicaragua: A program evaluation. *Gynecologic Oncology*, 2005; 99: S232 – S235.
- Salvetto M and Sandiford P, External Quality Assurance for cervical cytology in developing countries, *Acta Cytologica*, 2004 Jan-Feb;48(1):23-31.
- Heather Lindsey, Researchers aiming to improve cervical cancer screening in developing countries, *Oncology Times*, Part1 in Volume XXVI, No 9:page 22 and 27, 2004 and Part2 in Volume XXVI, No 10:page 42-4, 2004.
- Edgardo Platero, Evaluación Final del Proyecto, prevencion del cancer cervico-uterino en mujeres pobres del area rural de los departamentos de Cuscatlan, La Paz y Morazan (UNFPA, DfID), El Salvador, 2004.
- ICAS, *Esquema de Garantía de Calidad Externa (GCE) para la Citología Cervical en Nicaragua*. Managua, Marzo 2003.
- Sandiford P, Gorter A and Salvetto M. *Use of voucher schemes for the output-based aid in the health sector in Nicaragua: three case studies*. Invited presentation at the World Bank workshop on Output-Based Aid (OBA), Frankfurt, Germany, January 24-26, 2002
- Salvetto M. *Manual la prueba del PAP: Teoría y práctica. Sencillo método para diagnosticas el cáncer del cuello del útero*, ICAS, Managua, Nicaragua, 2000.
- Salvetto M. *Guía del Esquema de Garantía de Calidad Externa (GCE): Citología Cervical en el Perú*. ICAS, Managua, Nicaragua, 2000.
- Salvetto M, Cáncer Cervical: El precio de la mala calidad, *Boletín Salud con Calidad N° 8* Diciembre 1998 - Febrero 1999.

Publications adolescent voucher scheme:

- Gorter AC, McKay J, Meuwissen L, Segura Z, Medina J and Bellows B, *Targeting vouchers to underserved populations in Nicaragua*, accepted for presentation in panel: “Output financed healthcare: Ensuring quality health care for the poor”, The Global Health Council’s 36th Annual International Conference on Global Health, May 26-30, 2009, Washington, DC.
- Medina J, Segura Z, Medina G, Rodriguez O, Resultados del diagnostico a Maestros de 40 colegios de 7 municipio de Matagalpa, un municipio de la RAAS y un municipio de la RAAN, sobre los conocimientos en aspectos relacionados a la prevencion de las ITS/VIH/SIDA, Febrero - Marzo 2007.
- Meuwissen LE, Gorter AC, Segura Z, Kester ADM and Knottnerus JA. Uncovering and responding to needs for sexual and reproductive health care among poor urban female adolescents in Nicaragua. *Tropical Medicine and International Health* 2006, 11(12), 1858-1867.
- Meuwissen LE, Gorter AC, Kester ADM and Knottnerus A. Does a competitive voucher program for adolescents improve the quality of reproductive health care? A simulated patient study in Latin America. *BMC Public Health* 2006, 6:204. Published online August 7 doi:10.1186/1471-2458-6-204.
- Meuwissen LE, Gorter AC, Kester ADM and Knottnerus JA. Can a comprehensive voucher program prompt changes in doctors' knowledge, attitudes, and practices related to sexual and reproductive health care for adolescents? A case study from Latin America. *Tropical Medicine and International Health* 2006;11(6):889–898. (translated in Spanish)

- Meuwissen LE, Gorter AC, Knottnerus A. Impact of accessible sexual and reproductive health care on poor and underserved adolescents in Managua, Nicaragua: A quasi-experimental intervention study. *Journal of Adolescent Health*, 2006;38(1):56. (translated in Spanish)
<http://www.sciencedirect.com/science/article/B6T80-4HXBN0Y-C/2/105255f574347a2a006d7b37141d504a>
- Meuwissen LE, Gorter AC, Knottnerus A. Perceived quality of reproductive care for girls in a competitive voucher programme. A quasi-experimental intervention study, Managua, Nicaragua. *International Journal for Quality in Health Care*, 2006;18(1):35-42 (Epub 2006 Jan 18). (translated in Spanish)
- Segura ZE, Medina JA, Donaire TE, Blanco OS, Gorter AC, *Análisis de los Resultados del Programa de Salud Sexual y Reproductiva para Adolescentes, Managua y Chinandega. 2002 – 2005*, ICAS, Managua, Nicaragua, October 2005.
- Medina JA, *Salud Sexual y Reproductiva para Adolescentes*, presentation “Clausura y Presentación de Resultados de los Programas de Adolescentes y ITS-VIH-SIDA”, ICAS in collaboration with the Dutch Embassy, Centro de Convenciones Crown Plaza, Managua, Nicaragua, September 29, 2005.
- Medina JA, Donaire TE, Meuwissen LE, *Informe Linea de Base, proyecto educacion y atencion en salud reproductiva para jovenes*, ICAS in collaboration with NicaSalud, Managua Nicaragua, June 2005.
- Meuwissen LE , *El impacto de servicios de salud sexual y reproductiva accesible en el comportamiento de adolescentes*, presentation in conference El Impacto de Programas de Salud Preventiva en la Sociedad Nicaragüense organised by ICAS in collaboration with Ministry of Health of Nicaragua, Hotel Seminole, Managua, Nicaragua, November 26, 2004.
- Meuwissen LE, Donaire TE, Medina JA, Segura ZE and Gorter AC. Nicaragua: Introducing a voucher scheme for disadvantaged adolescents' access to services in three districts. *Sexual Health Exchange*, 2004, 3&4 (translated in Spanish).
http://www.kit.nl/ils/exchange_content/html/20043_4_nicaragua_introducing.asp
- Meuwissen L, *Barriers to accede reproductive health services successfully removed*. Presentation at Youth and Health: Generation on the Edge, Global Health Council's 31st Annual Conference, Washington, DC, USA, 1-4 June 2004.
- Gorter A, Segura Z, González P and Meuwissen L, *A voucher scheme for adolescents of Managua: an innovative programme to improve the uptake and quality of sexual health care*, Seminar – Adolescent Sexual Health Care at the London School of Hygiene and Tropical Medicine, London, June 4, 2001.

Publications STI/HIV/AIDS voucher scheme for vulnerable populations:

- Gorter AC, McKay J, Meuwissen L, Segura Z, Medina J and Bellows B, *Targeting vouchers to underserved populations in Nicaragua*, accepted for presentation in panel: “Output financed healthcare: Ensuring quality health care for the poor”, The Global Health Council's 36th Annual International Conference on Global Health, May 26-30, 2009, Washington, DC.
- Gorter AC, Segura ZE, Medina JA, Rodriguez OG, Medina GM, Peralta WJ and Rovin K, *Providing STI/HIV/AIDS services to glue-sniffing young people in Nicaragua: needs, relevance and feasibility*, Poster at the XVII International Conference on AIDS, 3-8 August 2008, Mexico City.
- Gorter AC and McKay J, *Competitive voucher schemes to increase access to and quality of sexual and reproductive health care for marginalized and/or vulnerable populations*, invited presentation at the British Society for Population Studies meeting “Reproductive health in Latin America: costs,

outcomes and policies”, London School of Economics and Political Sciences, September 20, 2007, London, UK.

- Gorter AC and McKay J, *Competitive Voucher Schemes for Health*, Oral presentation at panel “*How Can Private Providers be Engaged in Serving the Poor?*”, 6th World Congress on Health Economics (iHEA), July 8-11, 2007, Copenhagen.
- Segura Z, Medina J, Medina G, Rodriguez O, *Informe de Estudio sobre los aspectos generales del perfil epidemiologico y de salud, asi como de las capacidades de las instituciones para la prevencion, atencion y tratamiento de las ITS/VIH/SIDA y los conocimientos, aptitudes y practicas de las poblaciones de la zona de la estacion de paso de Peñas Blancas*, Nicaragua, mayo 2007.
- Gorter AC, Segura ZE, Savelkoul PHM, Morré SA, Chlamydia trachomatis infections in Nicaragua: Preliminary results from a competitive voucher scheme to prevent and treat sexually transmitted infections and HIV/AIDS among sex workers, *Drugs of Today* 2006, 42 (Suppl. A): 47-54.
- McKay JE, Campbell DJ, Gorter AC. Lessons for management of STI treatment programs as part of HIV/AIDS prevention strategies. *American Journal of Public Health* 2006; **96**:7-9.
- Gorter AC, Segura ZE, Medina JA, McKay JE. *Effectiveness and impact of a long running competitive voucher program providing quality STI/HIV care to groups most at risk of HIV in Nicaragua*. Poster XVI International Conference on AIDS, Toronto, Canada, 13-18 August 2006.
- Gorter AC, Segura ZE, Medina JA, McKay JE. *Adolescent and young sex workers in Managua, Nicaragua compared to their older peers: STI/HIV prevalence and evaluation of the effectiveness of a competitive voucher program disaggregated by age*. Poster XVI International Conference on AIDS, Toronto, Canada, 13-18 August 2006.
- McKay JE, Campbell DJ and Gorter AC, *Can targeted, high-cost STI treatment contribute to cost-effective HIV prevention in developing countries? Evidence from a 10-year program in Nicaragua?* Oral presentation IAEN Pre-Conference Meeting, Toronto 11-12 August 2006 (International AIDS Economics Network).
- McKay J, Campbell D, Gorter AC, Segura ZE. *Can targeted STI treatment be a cost-effective contributor to HIV/AIDS prevention in developing countries despite its high unit cost? An applied study based on a long running voucher program in Nicaragua using simulation modelling to track program impacts, determine cost-effectiveness and identify cost effective program modifications*. Poster XVI International Conference on AIDS, Toronto, Canada, 13-18 August 2006.
- Gorter AC, Segura ZE, Savelkoul PHM, Peña AS, Morré SA, *Chlamydia trachomatis infections in Nicaragua: Preliminary results from a competitive voucher scheme to prevent and treat sexually transmitted infections and HIV/AIDS among sex workers*. Poster presentation at the Eleventh International Symposium on Human Chlamydial Infections, Ontario, Canada, 18-23 June 2006.
- Gorter AC, *Chlamydia trachomatis in Nicaragua*, Invited presentation Second Mini Symposium Chlamydia trachomatis infections, VU University, Amsterdam, the Netherlands, March 28, 2006.
- Borghi J, Gorter A, Sandiford P and Segura Z, Counting the cost of a competitive voucher scheme for STI treatment in Nicaragua, *ID21 Research Highlight*: 18 January 2006.
<http://www.id21.org/id21ext/h6jb2g3.html>
- Segura ZE, *Prevención de las ITS- VIH – SIDA*, presentation “Clausura y Presentación de Resultados de los Programas de Adolescentes y ITS-VIH-SIDA, 2002-2005”, ICAS in collaboration with the Dutch Embassy, Centro de Convenciones Crown Plaza, Managua, Nicaragua, September 29, 2005.
- Gorter AC, Segura ZE, Hermans MHA, Savelkoul PHM, Morré SA, *Prevalence of sexually transmitted infections among different ‘high-risk’ populations of Managua, targeted by a HIV prevention programme using a competitive voucher scheme*. Poster at 16th Biennial meeting of the ISSTD, Amsterdam, 10-13 July 2005.

- Borghi J, Gorter A, Sandiford P and Segura Z. The Cost-Effectiveness of a Voucher Scheme to Reduce Sexually Transmitted Infections in High Risk Groups: the case of Managua, Nicaragua. *Health Policy & Planning*, 2005; **20**(4): 222-31.
- Institute for Health Sector Development (IHSD-HLSP), UK, *Private Sector Participation in Health*. This resource reviews a number of demand- and supply-side mechanisms for engaging with the private sector. **Four case studies** - from Cambodia, **Nicaragua (the Nicaraguan voucher scheme)**, Pakistan and Tanzania - illustrate some of the mechanisms reviewed, HLSP website, 2005.
<http://www.hlspinstitute.org/files/project/15043/D-PSPCaseStudiespdf.pdf>
- Karl L. Dehne, Gabriele Riedner, *Sexually transmitted infections among adolescents: the need for adequate health services*, GTZ and WHO, Geneva, Switzerland, 2005. The Nicaraguan voucher scheme serves as one of the examples of innovative approaches to increase use of STI services by adolescents. ISBN 92 4 156288 9.
<http://www.who.int/child-adolescent-health>
- WHO, *Protecting young people from HIV and AIDS, the role of health services*, in collaboration with UNAIDS, UNFPA, UNODC and Youthnet, Geneva, Switzerland, December 2004. The sex worker voucher scheme serves as one of the examples of innovative approaches to increase service use by young people. ISBN 92 4 159247 8.
<http://www.who.int/child-adolescent-health>
- WHO, *Achieving the global goals: access to services, Global consultation on the health services response to the prevention and care of HIV/AIDS among young people*, Technical Report of a WHO Consultation in collaboration with UNAIDS, UNFPA and Youthnet, Montreux, 17-21 March 2003. Published in 2004, Geneva, Switzerland. A chapter describes how a competitive voucher scheme works and its pros and cons. ISBN 92 4 159132 3.
<http://www.who.int/child-adolescent-health>
- Chiaki Yamamoto, *Output-based aid in health: Reaching the poor through public private partnership*. The sex worker voucher scheme is described in this paper as one of the examples of Output Based AID in health. Paper Prepared for Technical Consultation on Health Sector Reform and Reproductive Health: Developing the Evidence Base Geneva, WHO, 30th November- 2nd December 2004.
- McKay, *Resultados de un estudio de costo-beneficio en programas preventivos de VIH*, presentation in conference *El Impacto de Programas de Salud Preventiva en la Sociedad Nicaragüense* organised by ICAS in collaboration with Ministry of Health of Nicaragua, Hotel Seminole, Managua, Nicaragua, November 26, 2004.
- McKay J, Campbell D, *¿Produce beneficios invertir en prevención del VIH/SIDA atendiendo a grupos con prácticas de alto riesgo?: Resultados de un estudio de costo-beneficio en Managua*, Versión en español de tesis de grado de la Maestría en Salud Pública Internacional de la Universidad de Sydney, Australia. Managua, Nicaragua, Octubre 2004
- Gorter A, Segura Z, Zuñiga E and Medina J, *Scaling up a successful research project to reach vulnerable populations with STI/HIV care through a competitive voucher scheme in Nicaragua*. Poster at the 15th International AIDS Conference, Bangkok, 11-16th July 2004.
- Segura Z, Gorter A, *Voucher scheme for sexual and reproductive health services, Nicaragua*. In UNAIDS and the Royal Tropical Institute (2004), *Techniques and practices for Local Responses to HIV/AIDS, part 2*, KIT Publishers, Amsterdam, The Netherlands. Published at website KIT (Dutch Royal Tropical Institute)
- KfW, *Case study of the Nicaragua voucher scheme for sex workers in Private Sector Participation in Health Sector Cooperation – Options and Experiences*, Report February 2004, edited by Private Sector Participation, KfW Bankengruppe, Frankfurt am Main, Germany.

- Julianne McKay, *An Economic Evaluation of a Voucher Scheme Amongst Commercial Sex Workers and Their Clients in Nicaragua Operated since 1996 by ICAS*, University of Sydney, Australia. May 2004.
- Borghi J, Gorter A, Sandiford P & Segura Z, *The Cost-Effectiveness of a Voucher Scheme to Reduce Sexually Transmitted Infections in Sex Workers and their Clients: the case of Managua, Nicaragua*. Oral presentation at the 4th World Congress of the International Health Economics Association, San Francisco, USA, June 15-18, 2003.
- Segura Z, Gorter A, Zuñiga E, Torrentes R, *Reducción de sífilis y factores de riesgo en trabajadoras sexuales de Managua, análisis de datos del Programa de bonos*. Poster presentation II Foro en VIH/SIDA/ITS de América Latina y el Caribe, La Habana – Cuba, 7-12 April 2003.
- Gorter A, *Review paper on evidence for using competitive voucher schemes and related methods for ensuring young people have access to health service interventions designed to prevent or provide care for HIV/AIDS*, background paper prepared for the “Consultation on the health services response to the prevention and care of HIV/AIDS among young people” organized by WHO with UNICEF, UNFPA, UNAIDS and YouthNet, Montreux, Switzerland, March 2003.
- Sandiford P, Competitive voucher schemes, Can they improve healthcare for the poor? *ID21 Insights Health Issue #3*, March 2003 at: <http://www.id21.org/insights/insights-h03/index.html>
- Sandiford P, Gorter A, Salvietto M. Bonos para una mejor salud sexual. Programa basado en la compra del servicio completo en lugar de financiar insumos. *El Observador* 24:4-5, 19 December 2002.
- Gorter A, Segura Z, Sandiford P, *Competitive Voucher Schemes for Better Health for Vulnerable Populations and Poor*. Invited presentation and clinic at the Discussion Forum on Private Provision of Health Services in Developing Countries of the World Bank, Washington DC, US, November 7, 2002.
- Gorter A, Segura Z, Zuñiga E, Torrentes R, *Risk factors for syphilis within a female sex worker population in Managua, analysing data from a voucher program*. Oral presentation at 18th Congress of Sexually Transmitted Infections, Vienna, September 12-14, 2002
- Gorter A, Segura Z, Zuñiga E, Torrentes R, *The potential of voucher schemes for the prevention and treatment of sexually transmitted infections amongst clients of sex workers*. Poster presentation XIV International AIDS Conference, Barcelona, Spain, July 2002.
- Segura Z, Gorter A, Zuñiga E, Torrentes R, *A voucher scheme to reach young sex workers (including glue-sniffing girls), to treat sexually transmitted infections and to prevent HIV transmission*. Poster XIV International AIDS Conference 2002, Barcelona, Spain, July 2002.
- Sandiford P, Gorter A and Salvietto M. Vouchers for Health, Using Voucher Schemes for Output-Based Aid. The World Bank Group. *Public Policy for the Private Sector, Viewpoint* 2002; 243, 1-4. (Note available at <http://rru.worldbank.org/Documents/PublicPolicyJournal/243Sandi-042302.pdf>)
- Sandiford P, Gorter A and Salvietto M. *Use of voucher schemes for the output-based aid in the health sector in Nicaragua: three case studies*. Invited presentation at the World Bank workshop on Output-Based Aid (OBA), Frankfurt, Germany, January 24-26, 2002.
- Segura Z, Gorter A, Zuñiga E, Torrentes R, *Programa de “bonos” del ICAS para combatir el VIH-SIDA*. Invited presentation at the regional workshop of the Novib Aids Platform in Latin America, Salvador, Brazil, 23-25 January 2002.
- Gorter A, Segura Z, Zuñiga E, Torrentes R, *The ICAS voucher scheme to combat HIV/AIDS, Nicaragua*. Invited presentation at the DfID Safe Passages to Adulthood & WHO Expert Meeting, Brighton, UK, December 2001. Published in the DfID/WHO Safe Passage to Adulthood series: *Preventing HIV/AIDS, promoting sexual health, among especially vulnerable young people*, July

2002 (series on best practices ISBN 0-85432-783-5).

<http://www.socstats.soton.ac.uk/cshr/pdfs/evypframework.pdf>

- Segura Z, Gorter A, Zuñiga E, Torrentes R, *Un programa de 'Bonos' reduce las ITS en inhalantes de pega en Managua*. Oral presentation II Congreso Centroamericano de ITS/VIH/SIDA, Guatemala, November 2001.
- Report of the Technical Appraisal Mission of the Ministry of Health of Honduras of the voucher project in Managua: Sept 5-8, 2001.
- Segura Z, Gorter A, Zúñiga E, Torrentes R, Un programa de bonos atrae no solo a trabajadoras sexuales sino también a sus clientes, invited presentation at the UNAIDS Workshop on the development of projects on HIV/AIDS in Central America and Mexico, San Pedro Sula, Honduras, 2-3 August 2001.
- Gorter A, Segura Z, Zuñiga E, Torrentes R and Sandiford P, *Voucher programs can effectively reduce sexual transmitted infections in groups with high rates, the case of Managua*, Poster International Congress of Sexually Transmitted Infections Berlin, June 24 – 27, 2001.
- Pearson M, *Demand side financing for health care*, Discussion paper for DfID on voucher schemes, Health Systems Resource Centre, UK, April 2001.
- Gorter A and Sandiford P, Vouching for health: HIV prevention for sex workers in Nicaragua, *ID21 News*, March 2001. <http://www.id21.org/id21ext/h6ps1g1.html>
- Josephine Borghi, *The Cost-Effectiveness of a voucher programme for sex workers and their clients, The case of Managua-Nicaragua*. Economical Report Prepared for the Instituto Centro Americano del Salud. In collaboration with Anna Gorter, Zoyla Segura, Esteban Zuniga, Roger Torrentes, March 2001.
- Segura Z, Gorter A, Torrentes R, Zuniga E, *Un programa de bonos atrae efectivamente no solo a las trabajadoras sexuales sino que también a sus parejas y/o clientes, enfocando en la prevención, detección y tratamiento de las ETS*, oral presentation in “I Foro y II Conferencia de Cooperación Técnica Horizontal de América Latina y del Caribe en VIH y SIDA y ETS”, Rio de Janeiro, Brasil, Nov 6-11, 2000.
- Gorter A, Segura Z, Zuniga E, Torrentes R and Sandiford P, *A voucher programme can efficiently target groups with high need for sexual health services, the case of Managua*, Oral Presentation 13th World Aids Conference, Durban, June 2000. The programme received a special mention at the last day rapporteur session of the conference.
- Segura Z, Gorter A, Torrentes R, Zuniga E, Sandiford P, *Un programa de prevención del VIH/SIDA en Managua; detección, tratamiento y prevención de ETS en grupos de alto riesgo a través de un innovador programa de bonos*, Paper at I Congreso Centroamericano de Enfermedades de Transmisión Sexual y VIH/SIDA, San Pedro Sula, Honduras Nov. 7-10, 1999.
- Gorter A, Segura Z, Sandiford P, Zuñiga E, Torrentes R, Ådahl S. “You should not tell us to use condoms, but our clients!” An extended voucher programme in. *Research for Sex Work Newsletter 3*, July 2000, Amsterdam. <http://www.nswp.org/pdf/R4SW-03.PDF>
- Sandiford P, Segura Z and Gorter A, *Voucher schemes and Magnetic Resonance*, DfID workshop on "Making the Most of the Private Sector", London. May 2000.
- Sandiford P, Salvetto M, Segura Z, Gorter A. Clinics for sex workers in Managua. In Harper M (ed.) *'Public services through private enterprise; micro-privatisation for improved delivery'*, IT Publications, London, and Oxford IBH Publishers New Delhi, 2000.

- Gorter A, Sandiford P, Segura Z and Villabella C. Improved health care for sex workers. A voucher programme for female sex workers in Nicaragua. *Research for Sex Work Newsletter* 2, August 1999, Amsterdam. <http://www.nswp.org/pdf/R4SW-02.PDF>
- Sandiford P, Coldham C and Gorter A, Should publicly-funded health services be distributed by vouchers?: A review of experience in other sectors. Unpublished paper. ICAS, Nicaragua, 1998.
- A voucher scheme improves female sex workers' access to quality health care. *International Health Matters*, No. 4, June 1999. London. (Newsletter of DfID).
- Sandiford P, Gorter A, Salvietto M, Segura Z, *A voucher scheme for female sex workers*. Invited presentation at the IHSD seminar, May 1999. London.
- X Segura Guevara Z, Novedoso programa mejora calidad de servicios de control de ETS para trabajadoras sexuales, *Boletin Salud con Calidad*, No.9, 1999, ICAS, San Jose, Costa Rica.
- Gorter AC, Sandiford P and Villabella C, *A voucher scheme to improve access to health services for female sex workers reduces sexually transmitted diseases*, abstract 12th World Aids Conference, Geneva, June 28-July 3 1998.
- “*Better Medical care for prostitutes: Action programme in Central America seeks to improve health and ward off the threat of AIDS*”. This article describes the voucher scheme and was written up as one of the Department for International Development ‘success stories’ of UK development assistance. The scheme was mentioned by Minister Claire Short of DFID in her speech to mark World AIDS day 1997.
- Villabella C, Gorter A, Sandiford P and Monge R, *Ensayo de un sistema de bonos para mejorar la calidad, eficiencia y equidad de los servicios de salud y el control de las enfermedades de transmisión sexual en trabajadoras sexuales*, Paper at V Conferencia Latinoamericano de SIDA, Lima, Peru, Dec. 3-6, 1997.
- Villabella C, Gorter A and Sandiford P, *Programa de Bonos para control de Enfermedades de Transmisión Sexual en Trabajadoras Sexuales*, Paper at XXI Congreso Centroamericano de Ginecología, Managua, Nicaragua, Nov.17-21 1997.
- Visit of a delegation of the Ministry of Health of Peru (26-30 October 1997) to learn the details of the voucher project and consider replication in Lima. (David Lewis, DFID Health Officer based in Lima and two officials of the Ministry of Health Lorena Vargas and Patricia Segura).
- Gorter A, Sandiford P, Villabella C, Monge R, and Standing H, *Female sex workers: more than a core*. Paper at Pre-conference workshop on health needs for FSWs, International STD congress, Sevilla, Spain, 19-22 October 1997.
- Villabella C y Roman J. *Infecciones por Chlamidias*, XII Congreso de Estudiantes de Medicina de Centroamérica, Managua, Nicaragua, 19-21 August 1997.
- Sandiford P, *Trial of a voucher system for female sex-workers*. Invited presentation at the working group of the European Commission’s Task Force on AIDS, Brussels, 21 March 1997.
- Standing H, Gorter A, Sandiford P, Monge R, Palmen M and Pauw J, The management of health related occupational risks among female sex workers in Managua. Was submitted to *Social Science and Medicine* and translated to Spanish and distributed in Managua.
- Sandiford P and Gorter A. *Enfermedades de Transmisión Sexual / SIDA, Prevención y Consecuencias en la Salud de Hombres y Mujeres*. Invited Presentation II Curso Internacional “Salud Reproductiva y Sociedad”, 3-7 March 1997, “Cayetano Heredia” University in Lima, Peru.

- A report on the project was produced for the BBC World Service and broadcast on November 18, 1996.
- Sandiford P, Gorter AC, and Braddock M. *Are Voucher Systems the Way to Organize Health Care in the 21st Century?* Paper presented at the 6th International Conference on System Science in Health Care, Barcelona, Spain, September 16-20, 1996.
- Sandiford P, Gorter A and Torres MC. Sexually transmitted disease in developing countries [letter]. *Transactions of the Royal Society of Tropical Medicine and Hygiene*, **90**:587; 1996. A letter in response to a lead article on STDs in developing countries by David Mabey.
- Gorter A, Sandiford P, seminar “Voucher scheme for sex workers in Managua” at the Liverpool School of Tropical Medicine, Liverpool, UK, February 1996.