



Research output

Towards a Cavity-Free Future for Infants and Children in Canada: Given recent developments in oral health care policy and practice in Canada and Internationally, what else is needed in terms of investments or other conditions to maximize caries prevention and care amongst infants and children?

Pitts, N. & Pow, R., 21 Feb 2023, 28 p.

Dentists' Perceptions of Personal Infection Control Measurements in Response to COVID-19

Beltrán, E. O., Newton, J. T., Avila, V., Pitts, N. B., Castellanos, J. E., Tenuta, L. M. A. & Martignon, S., 7 Oct 2022, (E-pub ahead of print) In: JDR Clinical and Translational Research. 23800844221123751.

How do dental practitioners, educators and students diagnose and manage caries risk and caries lesions? A COM-B analysis

Abreu-Placeres, N., Newton, J. T., Avila, V., Garrido, L. E., Jácome-Liévano, S., Pitts, N. B., Ekstrand, K. R., Ochoa, E. M. & Martignon, S., 2022, (Accepted/In press) In: Community Dentistry and Oral Epidemiology.

Caries and collaborations in context

Pitts, N. B., 17 Dec 2021, In: British Dental Journal. 231, 12, p. 737-740 4 p.

Collaborations around caries - in order to improve oral health, healthcare and health

Pitts, N., 17 Dec 2021, In: British Dental Journal. 231, 12, p. 723 1 p.

Dental Policy Lab 1 - towards a cavity-free future

Vernazza, C. R., Pitts, N. B., Mayne, C. & Mazevet, M. E., 17 Dec 2021, In: British Dental Journal. 231, 12, p. 754-758 5 p.

Dental Policy Lab 2 - towards paying for health in dentistry

Mazevet, M. E., Pitts, N. B. & Mayne, C., 17 Dec 2021, In: British Dental Journal. 231, 12, p. 759-763 5 p.

Dental Policy Lab 3: towards oral and dental health through partnership

Pitts, N. B., Newton, J. T., Pow, R., Miller, N. & Mayne, C., 17 Dec 2021, In: British Dental Journal. 231, 12, p. 764-768 5 p.

From 'ICDAS' to 'CariesCare International': the 20-year journey building international consensus to take caries evidence into clinical practice

Pitts, N. B., Banerjee, A., Mazevet, M. E., Goffin, G. & Martignon, S., 17 Dec 2021, In: British Dental Journal. 231, 12, p. 769-774 6 p.

New UK Chapter of the Alliance for a Cavity-Free Future

Pitts, N. B. & Banerjee, A., 17 Dec 2021, In: British Dental Journal. 231, 12, p. 781-786 6 p.

The Calcivis story - enamel caries activity assessment from technology to practice

Pitts, N. B., Longbottom, C., Christie, A., Vernon, B. & Bailey, G., 17 Dec 2021, In: British Dental Journal. 231, 12, p. 775-780 6 p.

Understanding dental caries as a non-communicable disease

Pitts, N. B., Twetman, S., Fisher, J. & Marsh, P. D., 17 Dec 2021, In: British Dental Journal. 231, 12, p. 749-753 5 p.

Calcium phosphate nanoparticles for potential application as enamel remineralising agent tested on hydroxyapatite discs

Mok, Z. H., Mylonas, P., Austin, R., Proctor, G., Pitts, N. & Thanou, M., 13 Dec 2021, In: Nanoscale. 13, 47, p. 20002-20012 11 p.

Dental Caries Clusters among Adolescents in England, Wales, and Northern Ireland in 2013: Implications for Proportionate Universalism

Wang, X., Bernabe, E., Pitts, N., Zheng, S. & Gallagher, J. E., 1 Dec 2021, In: Caries research. 55, 6, p. 563-576 14 p.

CariesCare International adapted for the pandemic in children: Caries OUT multicentre single-group interventional study protocol

Martignon, S., Cortes, A., Douglas, G. V. A., Newton, J. T., Pitts, N. B., Avila, V., Usuga-Vacca, M., Gamboa, L. F., Deery, C., Abreu-Placeres, N., Bonifacio, C., Braga, M. M., Carletto-Körber, F., Castro, P., P Cerezo, M., Chavarría, N., Cifuentes, O. L., Echeverri, B., Jácome-Liévano, S., Kuzmina, I., & 16 othersLara, J. S., Manton, D., Martínez-Mier, E. A., Melo, P., Muller-Bolla, M., Ochoa, E., Osorio, J. R., Ramos, K., Sanabria, A. F., Sanjuán, J., San-Martín, M., Squassi, A., Velasco, A. K., Villena, R., Zandona, A. F. & Beltrán, E. O., Dec 2021, In: BMC Oral Health. 21, 1, p. 329 329.

Dental caries thresholds among adolescents in England, Wales, and Northern Ireland, 2013 at 12, and 15 years: implications for epidemiology and clinical care

Wang, X., Bernabe, E., Pitts, N., Zheng, S. & Gallagher, J. E., Dec 2021, In: BMC Oral Health. 21, 1, 137.

Cariology consensus for undergraduates at dental schools in the Caribbean region

Abreu-Placeres, N., Grau-Grullón, P., Naidu, R., García-Godoy, F., Newton, J. T., Ekstrand, K. R., Pitts, N., Lopez del Valle, L. M., Félix-Matos, L., Rivera, Y., González, R. F., Rajendra Santosh, A. B., Morou-Bermudez, E., Jácome-Liévano, S. & Martignon, S., Nov 2021, In: European Journal of Dental Education. 25, 4, p. 717-732 16 p.

Initial investigations of a novel bioluminescence method for imaging dental demineralization

Longbottom, C., Vernon, B., Perfect, E., Haughey, A. M., Christie, A. & Pitts, N., Oct 2021, In: Clinical and Experimental Dental Research. 7, 5, p. 786-794 9 p.

Making Cavities History: A Global Policy Consensus for Achieving a Dental Cavity-Free Future

Pitts, N. B. & Mayne, C., Jul 2021, In: JDR Clinical and Translational Research. 6, 3, p. 264-267 4 p.

Reorienting Oral Health Services to Prevention: Economic Perspectives

Vernazza, C. R., Birch, S. & Pitts, N. B., Jun 2021, In: Journal of Dental Research. 100, 6, p. 576-582 7 p.

The pieces of the caries puzzle align

Pitts, N., Apr 2021, In: British Dental Journal. 230, 8, p. 493 1 p.

A Global Consensus for achieving a dental cavity-free future

Pitts, N. & Mayne, C., 26 Mar 2021

Examining the effectiveness of different dental recall strategies on maintenance of optimum oral health: the INTERVAL dental recalls randomised controlled trial

Clarkson, J. E., Pitts, N. B., Fee, P. A., Goulao, B., Boyers, D., Ramsay, C. R., Floate, R., Braid, H. J., Ord, F. S., Worthington, H. V., van der Pol, M., Young, L., Freeman, R., Gouick, J., Humphris, G. M., Mitchell, F. E., McDonald, A. M., Norrie, J. D. T., Sim, K., Douglas, G., & 1 othersRicketts, D., Feb 2021, In: British Dental Journal. 230, 4, p. 236-243 8 p.

Dental caries prevalence, prospects, and challenges for Latin America and Caribbean countries: a summary and final recommendations from a Regional Consensus

Sampaio, F. C., Bönecker, M., Paiva, S. M., Martignon, S., Ricomini Filho, A. P., Pozos-Guillen, A., Oliveira, B. H., Bullen, M., Naidu, R., Guarnizo-Herreño, C., Gomez, J., Malheiros, Z., Stewart, B., Ryan, M. & Pitts, N., 2021, In: Brazilian oral research. 35, p. 1-15 15 p.

Refocusing dental care: A risk-based preventative oral health programme for dentate older people in UK care homes
Patel, R., Fitzgerald, R., Warburton, F., Robertson, C., Pitts, N. B. & Gallagher, J. E., 2021, (Accepted/In press) In: GERODONTOLOGY.

Reframing Perceptions in Restorative Dentistry: Evidence-Based Dentistry and Clinical Decision-Making

Al-Asmar, A. A., Al-Hiyasat, A. S., Abu-Awwad, M., Mousa, H. N., Salim, N. A., Almadani, W., Rihan, F., Sawair, F. A. & Pitts, N. B., 2021, In: International Journal of Dentistry. 2021, 4871385.

Risk-based, 6-monthly and 24-monthly dental check-ups for adults: the INTERVAL three-arm RCT

Clarkson, J. E., Pitts, N. B., Goulao, B., Boyers, D., Ramsay, C. R., Floate, R., Braid, H. J., Fee, P. A., Ord, F. S., Worthington, H. V., van der Pol, M., Young, L., Freeman, R., Gouick, J., Humphris, G. M., Mitchell, F. E., McDonald, A. M., Norrie, J. D., Sim, K., Douglas, G., & 1 others Ricketts, D., 1 Nov 2020, In: Health technology assessment (Winchester, England). 24, 60, p. 1-138 138 p.

Early Introduction of Sugar-Sweetened Beverages and Caries Trajectories from Age 12 to 48 Months

Bernabé, E., Ballantyne, H., Longbottom, C. & Pitts, N. B., 1 Jul 2020, In: Journal of Dental Research. 99, 8, p. 898-906 9 p.

Towards Oral and Dental Health through Partnership: How can the oral health and dental industries benefit from enabling positive behaviour in caries prevention and control amongst patients and the public?

Pitts, N., Pow, R., The Alliance for a Cavity-Free Future, Power of Numbers Ltd. & The Innovation and Translation Hub, 13 Mar 2020, London, UK: King's College London. 28 p.

Terminology of Dental Caries and Dental Caries Management: Consensus Report of a Workshop Organized by ORCA and Cariology Research Group of IADR

Machiulskiene, V., Campus, G., Carvalho, J. C., Dige, I., Ekstrand, K. R., Jablonski-Momeni, A., Maltz, M., Manton, D. J., Martignon, S., Martinez-Mier, E. A., Pitts, N. B., Schulte, A. G., Splieth, C. H., Tenuta, L. M. A., Ferreira Zandona, A. & Nyvad, B., 1 Jan 2020, In: Caries research. 54, 1, p. 7-14 8 p.

The use of index teeth vs. full mouth in erosive tooth wear to assess risk factors in the diet: A cross-sectional epidemiological study

Martignon, S., López-Macías, A. M., Bartlett, D., Pitts, N., Usuga-Vacca, M., Gamboa, L. F. & O'Toole, S., 1 Sept 2019, In: Journal of dentistry. 88, 103164.

CariesCare Practice Guide: Consensus on Evidence into Practice

Martignon, S., Pitts, N. B., Goffin, G., Mazevet, M., Douglas, G. V. A. & Newton, J. T., Sept 2019, In: British Dental Journal. 227, 5, p. 353-362 10 p.

Caries classification and management in the context of the CariesCare International (CCI™) consensus: a clinical case study

Beltrán, E. O., Guiu, L., Zarta, O. L., Pitts, N. B. & Martignon, S., Sept 2019, In: British Dental Journal. 227, 5, p. 363-366 4 p.

Early childhood caries epidemiology, aetiology, risk assessment, societal burden, management, education, and policy: Global perspective

Tinanoff, N., Baez, R. J., Diaz Guillory, C., Donly, K. J., Feldens, C. A., McGrath, C., Phantumvanit, P., Pitts, N. B., Seow, W. K., Sharkov, N., Songpaisan, Y. & Twetman, S., May 2019, In: International Journal of Paediatric Dentistry. 29, 3, p. 238-248 11 p.

Carious lesion activity assessment in clinical practice: a systematic review

Drancourt, N., Roger-Leroi, V., Martignon, S., Jablonski-Momeni, A., Pitts, N. & Doméjean, S., 10 Apr 2019, In: CLINICAL ORAL INVESTIGATIONS. 23, 4, p. 1513-1524 12 p.

Towards paying for health in dentistry: How can we create and implement acceptable prevention-based dental payment systems to achieve and maintain health outcomes?

Pitts, N., Mazevet, M., Mayne, C., Boulding, H. & Pow, R., Jan 2019, King's College London. 28 p.

The highly controversial payment reform of dentists in France: seeking a new compromise after the 2017 strike

Mazevet, M. E., Garyga, V., Pitts, N. B. & Pennington, M. W., 11 Oct 2018, (E-pub ahead of print) In: HEALTH POLICY.

Understanding dentists' caries management: The COM-B ICCMS™ questionnaire

Abreu-Placeres, N., Newton, J. T., Pitts, N., Garrido, L. E., Ekstrand, K. R., Avila, V. & Martignon, S., 5 Jun 2018, (E-pub ahead of print) In: Community Dentistry and Oral Epidemiology. 46, 6, p. 545-554 10 p.

Shaping the future of dental education: Caries as a case-study

Pitts, N. B., Mazevet, M. E., Mayne, C., Shaping the Future of Dental Education Cariology Group, Banerjee, A., Banjsak, L., Fisher, J., Fontana, M., Genuis, M., Johnson, L., Martignon, S., Melo, P. & Nyblom, Y., Mar 2018, In: European Journal of Dental Education. 22, S1, p. 30-37 8 p.

The shape of the future of dental education for dental caries-and how we get there: Introduction to the ACFF Caries Workshop

Pitts, N., Mar 2018, In: European Journal of Dental Education. 22, S1, p. 28-29 2 p., 1.

The caries experience of 5 year-old children in Scotland in 2013-2014, and in England and Wales in 2014-2015. Reports of cross-sectional dental surveys using BASCD criteria

Jones, C. M., Davies, G. M., Monaghan, N., Morgan, M. Z., Neville, J. S. & Pitts, N. B., 1 Sept 2017, In: Community Dental Health. 34, 3, p. 157-162 6 p.

Towards a Cavity Free Future: How do we accelerate a policy shift towards increased resource allocation for caries prevention and control?

Pitts, N., Mazevet, M., Mayne, C., Hinrichs, S., Boulding, H. & Grant, J., Jun 2017, The Policy Institute at King's. 16 p.

Dental caries

Pitts, N. B., Zero, D. T., Marsh, P. D., Ekstrand, K., Weintraub, J. A., Ramos-Gomez, F., Tagami, J., Twetman, S., Tsakos, G. & Ismail, A., 25 May 2017, (E-pub ahead of print) In: Nature Review Disease Primers. 3, 17030.

Interaction of lifestyle, behaviour or systemic diseases with dental caries and periodontal diseases: consensus report of group 2 of the joint EFP/ORCA workshop on the boundaries between caries and periodontal diseases

Chapple, I. L. C., Bouchard, P., Cagetti, M. G., Campus, G., Carra, M. C., Cocco, F., Nibali, L., Hujuel, P., Laine, M. L., Lingstrom, P., Manton, D. J., Montero, E., Pitts, N., Rangé, H., Schlueter, N., Teughels, W., Twetman, S., Van Loveren, C., Van der Weijden, F., Vieira, A. R., & 1 othersSchulte, A. G., 6 Mar 2017, In: Journal of Clinical Periodontology. 44, p. S39-S51

Brussels Statement on the Future Needs for Caries Epidemiology and Surveillance in Europe

Pitts, N. B., Eaton, K. & Tsakos, G., 2017, In: Community Dental Health.

Variation in methods used to determine national mean DMFT scores for 12-year-old children in European countries

Patel, R. N., Eaton, K. A., Pitts, N., Schulte, A., Pieper, K. & White, S., 1 Dec 2016, In: Community Dental Health. 33, 4, p. 286-291 6 p.

Global burden of oral diseases: emerging concepts, management and interplay with systemic health

Jin, L. J., Lamster, I. B., Greenspan, J. S., Pitts, N. B., Scully, C. & Warnakulasuriya, S., 1 Oct 2016, In: Oral Diseases. 22, 7, p. 609-619 11 p.

Caries experience, the caries burden and associated factors in children in England, Wales and Northern Ireland 2013

Vernazza, C. R., Rolland, S. L., Chadwick, B. & Pitts, N., 23 Sept 2016, In: British Dental Journal. 221, 6, p. 315-320

Development of a Core Curriculum Framework in Cariology for U.S. Dental Schools

Fontana, M., Guzmán-Armstrong, S., Schenkel, A. B., Allen, K. L., Featherstone, J., Goolsby, S., Kanjirath, P., Kolker, J., Martignon, S., Pitts, N., Schulte, A., Slayton, R. L., Young, D. & Wolff, M., Jun 2016, In: *Journal of Dental Education*. 80, 6, p. 705-720 16 p.

Understanding dental caries - From pathogenesis to prevention and therapy

Pitts, N., 1 Jan 2016, *Understanding Dental Caries: From Pathogenesis to Prevention and Therapy*. Springer International Publishing Switzerland, p. 3-9 7 p.

Birth Weight, Breastfeeding, Maternal Smoking and Caries Trajectories

Bernabé, E., Macritchie, H., Longbottom, C., Pitts, N. B. & Sabbah, W., 2016, In: *Journal of Dental Research*. 96, 2, p. 171-178 8 p.

White Paper on Dental Caries Prevention and Management: A summary of the current evidence and the key issues in controlling this preventable disease

Pitts, N. & Zero, D., 2016, FDI World Dental Press Ltd. 59 p.

The International Caries Classification and Management System (ICCMS) An Example of a Caries Management Pathway

Ismail, A. I., Pitts, N. B., Tellez, M., Authors of the International Caries Classification and Management System (ICCMS) & Thompson, V. P., 15 Sept 2015, In: *BMC Oral Health*. 15, Supplement 1

The International Caries Classification and Management System (ICCMS™) An Example of a Caries Management Pathway.

Ismail, A., Pitts, N. B., Tellez, M., Banerjee, A., Deery, C., Gail, D., Eggertsson, H., Ekstrand, K. R., Ellwood, R., Gomez, J., Jablonski-Momeni, A., Longbottom, C., Manton, D., Martignon Biermann, S., McGrady, M., Rechmann, P., Ricketts, D., Sohn, W., Thompson, V. P., Twetman, S., & 3 others Weyant, R. J., Wolff, M. & Zandona, A. F., 2015, In: *BMC Oral Health*. 15, p. 1:S9

ICCMS™ Guide for Practitioners and Educators

Pitts, N. B., Ismail, A. I., Martignon, S., Ekstrand, K., Douglas, G. V. A., Longbottom, C., Deery, C., Ellwood, R., Gomez, J., Kolker, J., Manton, D., McGrady, M., Rechmann, P., Ricketts, D., Thompson, V., Twetman, S., Weyant, R., Zandona, A. F. & Zero, D., Dec 2014, ICDAS Foundation. 45 p.

Consensus on domains, formation objectives and contents in cariology for undergraduate dental students in Colombia

Martignon, S., Marín, L. M., Pitts, N. & Jácome-Liévano, S., Nov 2014, In: *European Journal of Dental Education*. 18, 4, p. 222-233 12 p.

Paper-based and web-based intervention modeling experiments identified the same predictors of general practitioners' antibiotic-prescribing behavior

Treweek, S., Bonetti, D., MacLennan, G., Barnett, K., Eccles, M. P., Jones, C., Pitts, N. B., Ricketts, I. W., Sullivan, F., Weal, M. & Francis, J. J., Mar 2014, In: *Journal of Clinical Epidemiology*. 67, 3, p. 296-304 9 p., N/A.

The caries experience of 5-year-old children in Scotland, Wales and England in 2011-2012: Reports of cross-sectional surveys using BASCD criteria

Monaghan, N., Davies, G. M., Jones, C. M., Morgan, M. Z., Neville, J. S. & Pitts, N. B., 2014, In: *Community Dental Health*. 31, 2, p. 105-110 6 p.

IQuaD dental trial; Improving the quality of dentistry: A multicentre randomized controlled trial comparing oral hygiene advice and periodontal instrumentation for the prevention and management of periodontal disease in dentate adults attending dental primary care.

Clarkson, J. E., Ramsey, C. R., Averley, P., Bonetti, D., Boyers, D., Campbell, L., Chadwick, G. R., Duncan, A., Elders, A., Gouick, J., Hall, A. F., Heasman, L., Heasman, P. A., Hodge, P. J., Jones, C., Laird, M., Lamont, T. J., Lovelock, L. A., Madden, I., McCombes, W., & 16 others McCracken, G. I., McDonald, A. M., McPherson, G., McPherson, L. E., Mitchell, F. E., Norrie, J. D., Pitts, N., van der Pol, M., Ricketts, D. N., Ross, M. K., Steele, J. G., Swan, M., Tickle, M., Watt, P. D., Worthington, H. V. & Young, L., 26 Oct 2013, In: *BMC Oral Health*. 13, 12 p., 58.

Summary of: Treatment of early caries lesions using biomimetic self-assembling peptides-A clinical safety trial

Pitts, N., 24 Aug 2013, In: British Dental Journal. 215, 4, p. 174-175 2 p.

IADR Global Oral Health Inequalities Research Agenda (IADR-GOHIRA): A call to action

Sgan-Cohen, H. D., Evans, R. W., Whelton, H., Villena, R. S., MacDougall, M., Williams, D. M. & IADR-GOHIRA Steering and Task Groups, Mar 2013, In: Journal Dental Research. 92, 3, p. 209-211 3 p.

Caries management pathways preserve dental tissues and promote oral health

Ismail, A. I., Tellez, M., Pitts, N., Ekstrand, K. R., Ricketts, D., Longbottom, C., Eggertsson, H., Deery, C., Fisher, J., Young, D. A., Featherstone, J. D. B., Evans, W., Zeller, G. G., Zero, D., Martignon Biermann, S., Fontana, M. & Zandona, A., Feb 2013, In: Community Dentistry and Oral Epidemiology. 41, 1, p. e12-e40 29 p.

International Caries Detection and Assessment System (ICDAS) and its International Caries Classification and Management System (ICCMS™): methods for staging of the caries process and enabling dentists to manage caries

Pitts, N. B. & Ekstrand, K. R., Feb 2013, In: Community Dentistry and Oral Epidemiology. 41, 1, p. e41-e52 12 p.

A social movement to reduce caries prevalence in the world

Bonecker, M., Pucca Junior, G. A., Costa, P. B. & Pitts, N., Nov 2012, In: Brazil Oral Research. 26, 6, p. 491-492 2 p.

Explaining clinical behaviours using multiple theoretical models

Eccles, M. P., Grimshaw, J. M., MacLennan, G., Bonetti, D., Glidewell, L., Pitts, N. B., Steen, N., Thomas, R., Walker, A. & Johnston, M., 17 Oct 2012, In: Implementation Science. 7, 13 p., 99.

Post-brushing rinsing for the control of dental caries: exploration of the available evidence to establish what advice we should give our patients.

Pitts, N., Duckworth, R. M., Marsh, P., Mutti, B., Parnell, C. & Zero, D., Apr 2012, In: British Dental Journal. 212, p. 315-320 6 p.

Development of the Dundee Caries Risk Assessment Model: (DCRAM) - Risk model development using a novel application of a statistical approach

MacRitchie, H. M. B., Longbottom, C., Robertson, M., Nugent, Z., Chan, K., Radford, J. R. & Pitts, N. B., Feb 2012, In: Community Dentistry and Oral Epidemiology. 40, 1, p. 37-45 9 p., 40.

A new model for caries classification and management: The FDI World Dental Federation Caries Matrix

Julian Fisher and Michael Glick with Fernandes C.P, Jin L.J, Meyer G.B, Yucel T, Clarkson J, Jones D, Meyer D, 2012, *A new model for caries classification and management*. JADA, p. 546-551

Do incentives, reminders or reduced burden improve healthcare professional response rates in postal questionnaires? Two randomised controlled trials

Pitts, N., 2012, *Do incentives, reminders or reduced burden improve healthcare professional response rates in postal questionnaires?* BMC Health Services Research

The caries experience of 11-to-12 year old children in Scotland and Wales and 12 year olds in England in 2008-2009: reports of co-ordinated surveys using BASCD methodology

Davies, G.M, Jones, C.M, Monaghan, N, Morgan, M.Z, Neville, J.S, 2012, *The caries experience of 11-to-12 year old children in Scotland and Wales and 12 year olds in England in 2008-2009*. Community Dental Health, p. 8-13

A survey on education in cariology for undergraduate dental students in Europe

Schulte, A. G., Buchalla, W., Huysmans, M-C. D. N. J. M., Amaechi, B. T., Sampaio, F., Vougiouklakis, G. & Pitts, N. B., Nov 2011, In: European Journal of Dental Education. 15, s1, p. 3-8 6 p.

Caries risk assessment, diagnosis and synthesis in the context of a European Core Curriculum in Cariology

Pitts, N., Melo, P., Martignon Biermann, S., Ekstrand, K. & Ismail, A., Nov 2011, In: European Journal of Dental Education. 15, s1, p. 23-31 9 p.

European Core Curriculum in Cariology for undergraduate dental students

Schulte, A. G., Pitts, N. B., Huysmans, M-C. D. N. J. M., Splieth, C. H. & Buchalla, W., Nov 2011, In: *European Journal of Dental Education*. 15, s1, p. 9-17 9 p., 45.

First Consensus workshop on the development of a European Curriculum in Cariology

Schulte, A. G. & Pitts, N. B., Nov 2011, In: *European Journal of Dental Education*. 15, s1, p. 1-2 2 p.

Modern perspectives on caries activity and control

Pitts, N., Jul 2011, In: *Journal of the American Dental Association (1939)*. 142, 7, p. 790-792 3 p.

Applying psychological theories to evidence-based clinical practice: identifying factors predictive of lumbar spine x-ray for low back pain in UK primary care practice

Grimshaw, J. M., Eccles, M. P., Steen, N., Johnston, M., Pitts, N., Glidewell, L., MacLennan, G., Thomas, R., Bonetti, D. & Walker, A., 28 May 2011, In: *Implementation Science*. 6, 55, 13 p.

Global Oral Health Inequalities: Dental Caries Task Group - Research Agenda

Pitts, N., Amaechi, B. T., Niederman, R., Acevedo, A-M., Vianna, R., Ganss, C., Ismail, A. & Honkala, E., May 2011, In: *ADVANCES IN DENTAL RESEARCH*. 23, 2, p. 211-220 10 p.

The Feasibility of Data Collection in Dental Practices, Using Codes for the International Caries Detection and Assessment System (ICDAS), to Allow European General Dental Practitioners to Monitor Dental Caries at Local, National, and International Levels

Bonner, B. C., Bourgeois, D. M., Douglas, G. V., Chan, K. & Pitts, N., Apr 2011, In: *PRIMARY DENTAL CARE*. 18, 2, p. 83-90 8 p.

Urgent Conditions - a report from the Adult Dental Health Survey 2009

Steele, J., Pitts, N., Fuller, E. & Treasure, E., Mar 2011, NHS Information Centre for Health and Social Care. 38 p.

Developing and evaluating interventions to reduce inappropriate prescribing by general practitioners of antibiotics for upper respiratory tract infections: A randomised controlled trial to compare paper-based and web-based modelling experiments.

Treweek, S., Ricketts, I. W., Francis, J., Eccles, M. P., Bonetti, D., Pitts, N., MacLennan, G., Sullivan, F., Jones, C., Weal, M. & Barnett, K., 2011, In: *Implementation Science*. 6, 1, 16.

Oral Health Assessment Review: Guidance in Brief. Scottish Dental Clinical Effectiveness Programme

Pitts, N., 2011, *Oral Health Assessment Review*. Scottish Dental Clinical Effectiveness Programme, p. 25

Preventive and Minimal Intervention Dentistry in the Undergraduate Curriculum: Proceedings of the 10th International Kuwait Association for Dental Research (KuADR) Annual Conference on "Preventive and Minimal Intervention Dentistry"

Pitts, N., 2011, *Preventive and Minimal Intervention Dentistry in the Undergraduate Curriculum*. Journal of Dentistry

Preventive behaviour and risks to oral health: A report from the Adult Dental Health Survey

Chadwick B, White D, Lader D, 2011, *Preventive behaviour and risks to oral health*. Adult Dental Health Survey, 44 p.

The translation research in a dental setting (TRiADS) programme protocol

Clarkson, J. E., Ramsay, C. R., Eccles, M. P., Eldridge, S., Grimshaw, J. M., Johnston, M., Michie, S., Treweek, S., Walker, A., Young, L., Black, I., Bonetti, D., Cassie, H., Francis, J., Mackenzie, G., Macpherson, L., Mckee, L., Pitts, N., Rennie, J., Stirling, D., & 3 othersTilley, C., Torgerson, C. & Vale, L., Dec 2010, In: *Implementation Science*. 5, 1, 10 p., 57.

Urban-rural differences in dental caries of 5-year old children in Scotland

Levin, K. A., Davies, C. A., Douglas, G. V. A. & Pitts, N. B., Dec 2010, In: *Social Science & Medicine*. 71, 11, p. 2020-2027 8 p.

The use of the International Caries Detection and Assessment System (ICDAS) in a National Health Service General Dental Practice as part of an Oral Health Assessment

Ormond, C., Gail, D. & Pitts, N., Oct 2010, In: PRIMARY DENTAL CARE. 17, 4, p. 153-160 8 p.

Childsmile: the national child oral health improvement programme in Scotland: Part 2: Monitoring and delivery.

Turner, S., Brewster, L., Kidd, J., Gnich, W., Ball, G. E., Milburn, K., Pitts, N. B., Goold, S., Conway, D. I. & Macpherson, L. M. D., Jul 2010, In: British Dental Journal. 209, 2, p. 79-83 5 p.

Defining Dental Caries for 2010 and Beyond

Fontana, M., Young, D. A., Wolff, M. S., Pitts, N. & Longbottom, C., Jul 2010, In: Dental Clinics of North America. 54, 3, p. 423-440 18 p.

How electrical caries detection and monitoring with CarieScan can help deliver modern caries management

Pitts, N., Jul 2010, In: ORAL HEALTH. p. 34-43 10 p.

Applying psychological theories to evidence-based clinical practice: Identifying factors predictive of placing preventive fissure sealants

Bonetti, D., Johnston, M., Clarkson, J. E., Grimshaw, J., Pitts, N. B., Eccles, M., Steen, N., Thomas, R., MacLennan, G., Glidewell, L. & Walker, A., 8 Apr 2010, In: Implementation Science. 5, 14 p., 25.

Sealants in dentistry: outcomes of the ORCA Saturday Afternoon Symposium 2007

Splieth, C. H., Ekstrand, K. R., Alkilzy, M., Clarkson, J., Meyer-Lueckel, H., Martignon Biermann, S., Paris, S., Pitts, N. B., Ricketts, D. N. & van Loveren, C., Mar 2010, In: Caries research. 44, 1, p. 3-13 11 p.

Actuarial life-table analysis of lower impacted wisdom teeth in general dental practice

Fernandes, M. J., Ogden, G. R., Ogston, S. A., Pitts, N. & Ruta, D. A., Feb 2010, In: Community Dentistry and Oral Epidemiology. 38, 1, p. 58-67 10 p.

Oral health research and the Millennium Development Goals'

Wanyonyi, K., Freeman, R., Mossey, P. & Pitts, N., 2010, *International Association of Dental Research East and Southern Africa Division*.

Knowledge may not be the best target for strategies to influence evidence-based practice: Using psychological models to understand RCT effects

Bonetti, D., Johnston, M., Pitts, N., Deery, C., Ricketts, I., Tilley, C. & Clarkson, J. E., 1 Sept 2009, In: International Journal of Behavioral Medicine. 16, 3, p. 287-293 7 p.

Incidence of symptoms in previously symptom-free impacted lower third molars assessed in general dental practice

Fernandes, M. J., Ogden, G. R., Pitts, N. B., Ogston, S. A. & Ruta, D. A., Sept 2009, In: British Dental Journal. 207, 5, p. 218-219 2 p., 5.

Remineralization/desensitization: What is known? What is the future?

Pitts, N. B. & Wefel, J. S., Aug 2009, In: ADVANCES IN DENTAL RESEARCH. 21, 1, p. 83-86 4 p.

Background level care

Pitts, N., 2009, *Background level care*. Monographs in Oral Science, p. 144-8

Clinical visual caries detection

Topping, G.V. & Pitts, N.B., 2009, *Detection, Assessment, Diagnosis and Monitoring of Caries*. Pitts, N. (ed.). Karger, p. 15-41 27 p. (Monographs in Oral Science; vol. 21).

Glossary of key terms

Longbottom, C. L., Huysmans, M-C., Pitts, N. B. & Fontana, M., 2009, *Detection, Assessment, Diagnosis and Monitoring of Caries*. Pitts, N. (ed.). Vol. 21. p. 209-216 8 p.

Implementation, Improving caries detection, assessment, diagnosis and monitoring

Pitts, N., 2009, *Implementation, Improving caries detection, assessment, diagnosis and monitoring*. Monographs in Oral Science, p. 199-208

Inequalities in decayed, missing and filled teeth in 5 year old children in Scotland.

Levin K A, Davies C A, Topping G V A, Assaf A V, 2009, In: *European journal of public health*. p. 337-342 5 p., 19.

International Caries Detection and Assessment System Committee: Personalized treatment planning

Pitts, N. & Richards, D., 2009, *International Caries Detection and Assessment System Committee*. Monographs in Oral Science, p. 128-43

International Caries Detection and Assessment System Committee. Introduction - How the Detection, Assessment, Diagnosis and Monitoring of Caries Integrate with Personalized Caries Management.

Pitts NB, 2009, *International Caries Detection and Assessment System Committee*.. Monographs in Oral Science, p. 1-14

Lesion activity assessment

Ekstrand, K. R., Zero, D. T., Martignon, S. & Pitts, N. B., 2009, *Lesion activity assessment*. Pitts, N. (ed.). Monographs in Oral Science, p. 63-90 28 p.

Novel operative treatment options

Pitts, N. & Ricketts, D. N., 2009, *Novel operative treatment options*. Monographs in Oral Science, p. 174-87

Report of Conference to mark the 30th anniversary of the Dental Health Services Research Unit (DHSRU) at Dundee.

Pitts, N. & Eaton, K. A., 2009, In: *PRIMARY DENTAL CARE*. p. 51-54 4 p.

Traditional lesion detection aids

Neuhaus KW, Ellwood R, Lussi A, 2009, *Traditional lesion detection aids*. Monographs in Oral Science, p. 42-51

Traditional operative treatment options

Pitts, N. & Ricketts, D. N., 2009, *Traditional operative treatment options*. Monographs in Oral Science, p. 164-73

Occlusal caries detection in permanent molars according to WHO basic methods, ICDAS II and laser fluorescence measurements

Kühnisch, J., Berger, S., Goddon, I., Senkel, H., Pitts, N. & Heinrich-Weltzien, R., 1 Dec 2008, In: *Community Dentistry and Oral Epidemiology*. 36, 6, p. 475-484 10 p.

Report of the EGOHID I Project Selecting a coherent set of indicators for monitoring and evaluating oral health in Europe: Criteria, methods and results from the EGOHID I project

Bourgeois, D. M., Llodra, J. C., Nordblad, A. & Pitts, N., 1 Mar 2008, In: *Community Dental Health*. 25, 1, p. 4-10 7 p.

Changing clinicians' behavior: a randomized controlled trial of fees and education

Clarkson, J. E., Turner, S., Grimshaw, J. M., Ramsay, C. R., Johnston, M., Scott, A., Bonetti, D., Tilley, C. J., MacIennan, G., Ibbetson, R., Macpherson, L. M. D. & Pitts, N., 2008, In: *Journal of Dental Research*. 87, 7, p. 640-4 5 p.

Health Surveillance in Europe. Oral Health Interviews and Clinical Surveys: Guidelines

Bourgeois DM, Llodra JC, Chrstensen LB, Pitts NB, Ottolenghi L, Senekola E., 2008, *Health Surveillance in Europe*.. Lyon I University Press

Informing the Delivery of Oral Health and Oral Health Care in the North of Scotland: Secondary Care Services in Oral and Maxillofacial Surgery, Orthodontics and Restorative Dentistry

Pitts, N. B., Topping, G.V., Yuan, S., Smith, P. A. & Freeman, R., 2008, University of Dundee.

The impact of diagnostic criteria on estimates of prevalence, extent and severity of dental caries

Pitts, N., 2008, *The impact of diagnostic criteria on estimates of prevalence, extent and severity of dental caries.. Dental Caries - its disease and clinical management*, p. 148-159

Applying psychological theories to evidence-based clinical practice: identifying factors predictive of managing upper respiratory tract infections without antibiotics

Eccles, M. P., Grimshaw, J. M., Johnston, M., Steen, N., Pitts, N. B., Thomas, R., Glidewell, E., Maclennan, G., Bonetti, D. & Walker, A., 3 Aug 2007, In: *Implementation Science*. 2, 14 p., 26.

The International Caries Detection and Assessment System (ICDAS): an integrated system for measuring dental caries

Ismail, A. I., Sohn, W., Tellez, M., Amaya, A., Sen, A., Hasson, H. & Pitts, N. B., Jun 2007, In: *Community Dentistry and Oral Epidemiology*. 35, 3, p. 170-178 9 p.

The dental caries experience of 5-year-old children in Great Britain (2005/6). Surveys co-ordinated by the British Association for the study of community dentistry

Pitts, N. B., Boyles, J., Nugent, Z. J., Thomas, N. & Pine, C. M., Mar 2007, In: *Community Dental Health*. 24, 1, p. 59-63 5 p.

Dental Caries

Pitts, N. B., Ismail, A. I. & Selwitz, R. H., 2007, In: *Lancet*. p. 51-59 369.

Trends in Oral Health

Topping GVA, 2007, *Trends in Oral Health*. *Community Oral Health*, p. 253-290

Applying psychological theory to evidence-based clinical practice: identifying factors predictive of taking intra-oral radiographs

Bonetti, D., Pitts, N. B., Eccles, M., Grimshaw, J., Johnston, M., Steen, N., Glidewell, L., Thomas, R., Maclennan, G., Clarkson, J. E. & Walker, A., Oct 2006, In: *Social Science & Medicine*. 63, 7, p. 1889-1899 11 p.

Patterns of care and service use amongst children in the UK 2003

Morris, A. J., Nuttall, N. M., White, D. A., Pitts, N. B., Chestnutt, I. G. & Evans, D., 22 Apr 2006, In: *British Dental Journal*. 200, 8, p. 429-434 6 p.

Non-carious tooth conditions in children in the UK, 2003

Chadwick, B. L., White, D. A., Morris, A. J., Evans, D. & Pitts, N. B., 8 Apr 2006, In: *British Dental Journal*. 200, 7, p. 379-384 6 p.

The dental caries experience of children in the United Kingdom, 2003

Pitts, N. B., Chestnutt, I. G., Evans, D., White, D., Chadwick, B. & Steele, J. G., 25 Mar 2006, In: *British Dental Journal*. 200, 6, p. 313-320 8 p.

The dental caries experience of 11-year-old children in Great Britain. Surveys coordinated by the British Association for the Study of Community Dentistry in 2004 / 2005

Pitts, N. B., Boyles, J., Nugent, Z. J., Thomas, N. & Pine, C. M., Mar 2006, In: *Community Dental Health*. 23, 1, p. 44-57 14 p.

Assessing oral health-related quality of life in general dental practice in Scotland: validation of the OHIP-14

Fernandes, M. J., Ruta, D. A., Ogden, G. R., Pitts, N. B. & Ogston, S. A., Feb 2006, In: *Community Dentistry and Oral Epidemiology*. 34, 1, p. 53-62 10 p.

DHSRU Dundee: The NHS Oral Health Assessment Final Report

Pitts, N., 2006, *DHSRU Dundee: The NHS Oral Health Assessment Final Report: DH Reference Number: ZPD/105/CP*. Department of Health, London

International Caries Detection and Assessment System: In. Symposium Report: Early detection of Dental Caries, held in Baltimore during the 83rd General Session of the International Association for Dental Research
Pitts, N., 2006, *International Caries Detection and Assessment System*. Indiana University, p. 1-15

SIGN Guideline 83: Prevention and management of dental decay in the pre-school child. A national clinical guideline.
Pitts, N., Nov 2005, *SIGN Guideline 83: Prevention and management of dental decay in the pre-school child.*

Developing the first dental care pathway: the oral health assessment
Hally, J. D. & Pitts, N. B., Oct 2005, In: *PRIMARY DENTAL CARE*. 12, 4, p. 117-121 5 p.

An economic analysis of implementing the SIGN third molar guideline: implications for the design and analysis of implementation studies
Tilley, C., McIntosh, E., Bahrami, M., Clarkson, J., Deery, C. & Pitts, N., 1 Jul 2005, In: *Journal of Health Services Research and Policy*. 10, 3, p. 143-149 7 p.

Visual and Tactile Assessment of Arrested Initial Enamel Carious Lesions: An in vivo Pilot Study
Ekstrand, K. R., Ricketts, D. N. J., Longbottom, C. & Pitts, N. B., 26 May 2005, In: *Caries research*. 39, 3, p. 173-177 5 p.

Guiding the design and selection of interventions to influence the implementation of evidence-based practice: an experimental simulation of a complex intervention trial
Bonetti, D., Eccles, M., Johnston, M., Steen, N., Grimshaw, J., Baker, R., Walker, A. & Pitts, N., May 2005, In: *Social Science & Medicine*. 60, 9, p. 2135-2147 13 p.

Oral health assessment in clinical practice: New perspectives on the need for a comprehensive and evidence based approach
Pitts, N. B., 12 Mar 2005, In: *British Dental Journal*. 198, 5, 317.

The dental caries experience of 5-year-old children in England and Wales (2003/4) and in Scotland (2002/3). Surveys coordinated by the British Association for the Study of Community Dentistry
Pitts, N. B., Boyles, J., Nugent, Z. J., Thomas, N., Pine, C. M. & British Association for the Study of Community Dentistry, Mar 2005, In: *Community Dental Health*. 22, 1, p. 46-56 11 p.

Tooth-brushing practices of parents and toddlers: a study of home-based videotaped sessions
Zeedyk, M. S., Longbottom, C. & Pitts, N. B., Jan 2005, In: *Caries research*. 39, 1, p. 27-33 7 p.

Conclusions from the 2002 Scotland Consensus Conference (ICW-CCT): Clinical Models Workshop: Remin-Demin, Precavitation, Caries
Pitts, N. & Stookey, G., 2005, *Conclusions from the 202 Scotland Consensus Conference (ICW-CCT)*. Indiana University

Health Surveillance in Europe - A selection of Oral Health Indicators recommended by the European Global Oral Health Indicators Development Project, 2005 Catalogue.
Bourgeois DN, Llodra JC, Norblad A., 2005, *Health Surveillance in Europe - A selection of Oral Health Indicators recommended by the European Global Oral Health Indicators Development Project, 2005 Catalogue.* General Community Action Programme on Health Monitoring.

Review of the ICW-CCT Meeting: The importance of Early Detection and the Philosophy/Approach of ICDAS-Early Detection of Caries III
Pitts, N. & Stookey, G., 2005, *Review of the ICW-CCT Meeting*. Indiana University, p. 1-17

The Chesters model using the simplified DSTM
Chesters RK, Balciuniene I, Matutliene G, Matheson J, 2005, *The Chesters model using the simplified DSTM*. Indiana University

What's the evidence that NICE guidance has been implemented?

Tilley C J, Crawford J E, Pitts N B, McCann M, 2005, In: British Medical Journal. p. 1084-1085

Effectiveness of strategies to disseminate and implement clinical guidelines for the management of impacted and unerupted third molars in primary dental care, a cluster randomised controlled trial

Bahrami, M., Deery, C., Clarkson, J. E., Pitts, N. B., Johnston, M., Ricketts, I., MacLennan, G., Nugent, Z. J., Tilley, C., Bonetti, D. & Ramsay, C., 11 Dec 2004, In: British Dental Journal. 197, 11, p. 691-696; discussion 688

Oral Health & Preventive Dentistry

Pitts, N., Sept 2004, In: Preventive & Minimally Invasive Dentistry. 1.

International Consensus Workshop on Caries Clinical Trials (ICW-CCT): Final consensus statements: agreeing where the evidence leads

Pitts, N. B. & Stamm, J., Jul 2004, In: Journal of Dental Research. 83, suppl 1, p. C125-C128 4 p.

Are we ready to move from operative to non-operative/preventive treatment of dental caries in clinical practice?

Pitts, N. B., 22 May 2004, In: Caries research. 38, 3, p. 294-304 11 p.

The dental caries experience of 14-year-old children in England and Wales. Surveys co-ordinated by the British Association for the Study of Community Dentistry in 2002/2003

Pitts, N. B., Boyles, J., Nugent, Z. J., Thomas, N. & Pine, C. M., Mar 2004, In: Community Dental Health. 21, 1, p. 45-57 13 p.

Decline in obvious decay in children's permanent teeth

Pitts, N., 2004, *Decline in obvious decay in children's permanent teeth.: Children's Dental Health Survey - First Release.* Office of National Statistics

Dental Recall: recall interval between routine dental examinations National Institute for Clinical Excellence (NICE)

Pitts, N., 2004, Department of Health, London.

"ICDAS" - an international system for caries detection and assessment being developed to facilitate caries epidemiology, research and appropriate clinical management.

Pitts, N. B., 2004, In: Community Dental Health. p. 193-198 21.

Implementation of evidence-based practice: Experimental simulation of complex intervention trials.

Pitts, N. B., Eccles, M., Bonetti, D., Johnston, M., Steen, N., Grimshaw, J., Baker, R. & Walker, A. G., 2004, In: International Journal of Behavioral Medicine. p. 322-323 11.

Modern concepts of caries measurement

Pitts, N. B., 2004, In: Journal of Dental Research. 83 Spec No C, p. C43-7

National Collaborating: Centre for Acute Care, National Institute for Clinical Excellence (NICE)

Pitts, N., 2004, Royal College of Surgeons of England.

Obvious Decay Experience Children's Dental Health in the United Kingdom

Pitts N B, Harker R., 2004, Office for National Statistics.

Understanding the jigsaw of evidence-based dentistry: 1. Introduction, research and synthesis

Pitts, N., 2004, In: Evidence-Based Dentistry. 5, 1, p. 2-4 3 p.

Understanding the jigsaw of evidence-based dentistry. 2. Dissemination of research results

Pitts, N., 2004, In: Evidence-Based Dentistry. 5, 2, p. 33-35 3 p.

Understanding the jigsaw of evidence-based dentistry. 3. Implementation of research findings in clinical practice

Pitts, N., 2004, In: Evidence-Based Dentistry. 5, 3, p. 60-64 5 p.

Virtual centre for improving oral health--vC-IOH

Clarkson, J., Pitts, N., Richards, D., Shaw, W. C., Treasure, E. T. & Worthington, H., 2004, In: Evidence-Based Dentistry. 5, 1, p. 5-6 2 p.

NHS Dentistry: Options for Change in context--a personal overview of a landmark document and what it could mean for the future of dental services

Pitts, N. B., 6 Dec 2003, In: British Dental Journal. 195, 11, p. 631-635 5 p.

Can psychological models bridge the gap between clinical guidelines and clinicians' behaviour? A randomised controlled trial of an intervention to influence dentists' intention to implement evidence-based practice

Bonetti, D., Johnston, M., Pitts, N. B., Deery, C., Ricketts, I., Bahrami, M., Ramsay, C. & Johnston, J., 11 Oct 2003, In: British Dental Journal. 195, 7, p. 403-407; discussion 387 5 p.

Pain prediction for preventive non-operative management of dentinal caries in primary teeth in general dental practice

Levine, R. S., Nugent, Z. J. & Pitts, N. B., 23 Aug 2003, In: British Dental Journal. 195, 4, p. 202-206; discussion 197

Caries Epidemiology with special emphasis on diagnostic standards. In Dental Caries - the disease and its clinical management.

Fejerskov O and von der Fehr F.R., 2003, *Caries Epidemiology with special emphasis on diagnostic standards..* Blackwell, Munksgaard Copenhagen.

National Dental Inspection Programme

Pitts, N. B., 2003, Scottish Health Boards and DHSRU.

Process modelling in Implementation research.

Pitts, N. B., Walker, A. G., Grimshaw, M. J., Johnston, M., Steen, N. & Eccles, M. P., 2003, In: British Medical Council Health Services Research. 3:22.

The assessment of an intra-oral video camera as an aid to the diagnosis of occlusal caries.

Pitts, N. B., Forgie, A. H. & Pine, C. M., 2003, In: International Dental Journal. p. 3-6 52(1).

The orthodontic condition of children in the United Kingdom

Pitts, N. B., Chesnutt, I. G., Steele, J. & Burden, D., 2003, In: British Dental Journal. p. 609-612 4 p., 11.

An abbreviated caries clinical trial design validated over 24 months

Chesters, R. K., Pitts, N. B., Matuliene, G., Kvedariene, A., Huntington, E., Bendinskaite, R., Balciuniene, I., Matheson, J. R., Nicholson, J. A., Gendvilyte, A., Sabalaite, R., Ramanauskiene, J., Savage, D. & Mileriene, J., Sept 2002, In: Journal of Dental Research. 81, 9, p. 637-40 4 p.

Tackling oral health inequalities

Nugent, Z. J., Longbottom, C. & Pitts, N. B., Sept 2002, In: Community Dental Health. 19, 3, p. 187; author reply 187-9

The fate of 1,587 unrestored carious deciduous teeth: a retrospective general dental practice based study from northern England

Levine, R. S., Pitts, N. B. & Nugent, Z. J., 27 Jul 2002, In: British Dental Journal. 193, 2, p. 99-103 5 p.

Quantifying dental inequality--developing the methodology

Nugent, Z. J., Longbottom, C. & Pitts, N. B., Mar 2002, In: Community Dental Health. 19, 1, p. 43-5 3 p.

The dental caries experience of 12-year-old children in England and Wales. Surveys coordinated by the British Association for the Study of Community Dentistry in 2000/2001

Pitts, N. B., Evans, D. J., Nugent, Z. J. & Pine, C. M., Mar 2002, In: Community Dental Health. 19, 1, p. 46-53 8 p.

Introduction to Evidence-Based Dentistry for Effective Clinical Practice

Pitts, N. & Clarkson, J. E., 2002, *Introduction to Evidence-Based Dentistry for Effective Clinical Practice*. Evidence Based Dentistry

The use of magnification in a preventive approach in caries detection.

Pitts, N. B., Forgie, A. H. & Pine, C. M., 2002, In: QUINTESSENCE INTERNATIONAL. p. 13-16 33(1).

Clinical diagnosis of dental caries: a European perspective

Pitts, N. B., Oct 2001, In: Journal of Dental Education. 65, 10, p. 972-8 7 p.

Does social deprivation in 1, 2, 3 and 4-year-old Scottish infants influence the frequency isolation of caries-associated micro-organisms?

Radford, J. R., Ballantyne, H. M., Nugent, Z. J., Robertson, M., Longbottom, C., Pitts, N. B., Beighton, D. & Brailsford, S. R., Jul 2001, In: Journal of Dentistry. 29, 5, p. 325 - 332 8 p.

Visual standards in a sample of dentists working within Scotland

Forgie, A. H., Gearie, T., Pine, C. M. & Pitts, N. B., Jul 2001, In: PRIMARY DENTAL CARE. 8, 3, p. 124-7 4 p.

A proposed method for assessing the quality of sealants—the CCC Sealant Evaluation System

Deery, C., Fyffe, H. E., Nugent, Z. J., Nuttall, N. M. & Pitts, N. B., Apr 2001, In: Community Dentistry and Oral Epidemiology. 29, 2, p. 83-91 9 p.

Restoration removal with and without the aid of magnification

Forgie, A. H., Pine, C. M. & Pitts, N. B., Apr 2001, In: Journal of Oral Rehabilitation. 28, 4, p. 309-13 5 p.

The dental caries experience of 5-year-old children in Great Britain. Surveys coordinated by the British Association for the Study of Community Dentistry in 1999/2000

Pitts, N. B., Evans, D. J. & Nugent, Z. J., Mar 2001, In: Community Dental Health. 18, 1, p. 49-55 7 p.

Adult dental health survey: The impact of oral health on people in the UK in 1998

Nuttall, N. M., Steele, J. G., Pine, C. M., White, D. & Pitts, N. B., 10 Feb 2001, In: British Dental Journal. 190, 3, p. 121-126 6 p.

Dental restorations in adults in the UK in 1998 and implications for the future

Pine, C. M., Pitts, N. B., Steele, J. G., Nunn, J. N. & Treasure, E., 13 Jan 2001, In: British Dental Journal. 190, 1, p. 4-8 5 p.

A new method for grading recommendations in evidence-based guidelines.

Pitts, N. B., Harbour, R. & Miller, J., 2001, In: British Medical Journal. p. 334-6 323.

Clinical Examination and Record Keeping.

Pendlebury M, Pitts N B, Clarkson J E C., 2001, Faculty of General Dental Practitioners.

The condition of teeth in the UK in 1998 and implications for the future

Nunn, J., Morris, J., Pine, C., Pitts, N. B., Bradnock, G. & Steele, J., 23 Dec 2000, In: British Dental Journal. 189, 12, p. 639-44 6 p.

Total tooth loss in the United Kingdom in 1998 and implications for the future

Steele, J. G., Treasure, E., Pitts, N. B., Morris, J. & Bradnock, G., 9 Dec 2000, In: *British Dental Journal*. 189, 11, p. 598-603 6 p.

Preventing dental caries in children at high caries risk: Targeted Caries Prevention in 6-16 year olds attending for Dental Care

Pitts, N., Dec 2000, Edinburgh: Scottish Inter-Collegiate Guideline Network, Edinburgh. 32 p. (SIGN publication; no. 47)

A Randomised Controlled Trial of the Caries- Preventive Efficacy of a Chlorhexidine-Containing Varnish in High-Caries-Risk Adolescents

Forgie, A. H., Paterson, M., Pine, C. M., Pitts, N. B. & Nugent, Z. J., 3 Oct 2000, In: *Caries research*. 34, 5, p. 432-439 8 p.

Scottish consortium for development and education in dental primary care

Clarkson, J. E., Murray, M., Pitts, N. B., MacFarlane, T. W., Newton, J. P., Burke, F. J., Bain, C. A., Ibbetson, R. & Rennie, J. S., 26 Aug 2000, In: *British Dental Journal*. 189, 4, p. 222-3 2 p.

A clinical evaluation of an Erbium:YAG laser for dental cavity preparation

Evans, D. J., Matthews, S., Pitts, N. B., Longbottom, C. & Nugent, Z. J., 24 Jun 2000, In: *British Dental Journal*. 188, 12, p. 677-9 3 p.

Caries-associated micro-organisms in infants from different socio-economic backgrounds in Scotland

Radford, J. R., Ballantyne, H. M., Nugent, Z., Beighton, D., Robertson, M., Longbottom, C. & Pitts, N. B., Jun 2000, In: *Journal of Dentistry*. 28, 5, p. 307 - 312 6 p.

General dental practitioners diagnostic and treatment decisions related to fissure sealed surfaces

Deery, C., Fyffe, H. E., Nugent, Z. J., Nuttall, N. M. & Pitts, N. B., Jun 2000, In: *Journal of Dentistry*. 28, 5, p. 313-318 6 p.

The dental caries experience of 14-year-old children in the United Kingdom. Surveys coordinated by the British Association for the Study of Community Dentistry in 1998/99

Pitts, N. B., Evans, D. J. & Nugent, Z. J., Mar 2000, In: *Community Dental Health*. 17, 1, p. 48-53 6 p.

Effect of diagnostic threshold on the validity and reliability of epidemiological caries diagnosis using the Dundee Selectable Threshold Method for caries diagnosis (DSTM)

Fyffe, H. E., Deery, C., Nugent, Z. J., Nuttall, N. M. & Pitts, N. B., Feb 2000, In: *Community Dentistry and Oral Epidemiology*. 28, 1, p. 42-51 10 p.

In vitro validity of the Dundee Selectable Threshold Method for caries diagnosis (DSTM)

Fyffe, H. E., Deery, C., Nugent, Z. J., Nuttall, N. M. & Pitts, N. B., Feb 2000, In: *Community Dentistry and Oral Epidemiology*. 28, 1, p. 52-8 7 p.

Adult Dental Health Survey. Oral Health in the United Kingdom.

Kelly M, Steele J, Nuttall N M, Bradnock G, Morris J, Nunn J, Pine C, Pitts N B, Treasure E, White D, Walker A, Cooper I., 2000, The Stationary Office, London.

Need for Early Caries Detection Methods: A European Perspective

Pitts, N., 2000, *Need for Early Caries Detection Methods*:. Indiana University, p. 3-11

Scottish Health Boards' Dental Epidemiological Programme. Report of the 1999/00 Survey of 5 year old children.

Nugent ZJ, Smith PA., 2000, *Scottish Health Boards' Dental Epidemiological Programme*.. University of Dundee

The use of magnification in general dental practice in Scotland--a survey report

Forgie, A. H., Pine, C. M., Longbottom, C. & Pitts, N. B., Sept 1999, In: *Journal of Dentistry*. 27, 7, p. 497-502 6 p.

The dental caries status of Scottish adolescents reported to be regular attenders. Initial results from a primary dental care based research network

Deery, C., Fyffe, H. E., Nuttall, N. M., Nugent, Z. J. & Pitts, N. B., 24 Jul 1999, In: British Dental Journal. 187, 2, p. 95-100 6 p.

Performance and reproducibility of a laser fluorescence system for detection of occlusal caries in vitro

Lussi, A., Imwinkelried, S., Pitts, N., Longbottom, C. & Reich, E., Jul 1999, In: Caries research. 33, 4, p. 261-266 6 p.

The reliability of two methods of utility assessment in dentistry

Fyffe, H. E., Deery, C., Nugent, Z., Nuttall, N. M. & Pitts, N. B., Jun 1999, In: Community Dental Health. 16, 2, p. 72-9 8 p.

Deprivation and dental caries status of 5-year-old children in Scotland

Sweeney, P. C., Nugent, Z. & Pitts, N. B., Apr 1999, In: Community Dentistry and Oral Epidemiology. 27, 2, p. 152-9 8 p.

The dental caries experience of 5-year-old children in the United Kingdom. Surveys co-ordinated by the British Association for the Study of Community Dentistry in 1997/98

Pitts, N. B., Evans, D. J. & Nugent, Z. J., Mar 1999, In: Community Dental Health. 16, 1, p. 50-6 7 p.

Developments in caries diagnosis and their relationship to treatment decisions and quality of care. ORCA Saturday Afternoon Symposium 1997

Verdonschot, E. H., Angmar-Månsson, B., ten Bosch, J. J., Deery, C. H., Huysmans, M. C., Pitts, N. B. & Waller, E., 1999, In: Caries research. 33, 1, p. 32-40 9 p.

Scottish Health Boards' Dental Epidemiological Programme. Report of the 1998/99 Survey of 14 year old children.

Nugent ZJ, Smith PA., 1999, *Scottish Health Boards' Dental Epidemiological Programme*. University of Dundee

Inequalities in children's caries experience: the nature and size of the UK problem

Pitts, N. B., Dec 1998, In: Community Dental Health. 15 Suppl 1, p. 296-300 5 p.

Risk assessment and caries prediction

Pitts, N. B., Oct 1998, In: Journal of Dental Education. 62, 10, p. 762-70 9 p.

The dental caries experience of 12-year-old children in the United Kingdom. Surveys coordinated by the British Association for the Study of Community Dentistry in 1996/97

Pitts, N. B., Evans, D. J. & Nugent, Z. J., Mar 1998, In: Community Dental Health. 15, 1, p. 49-54 6 p.

A longitudinal study of the dental care of adults in the general dental service in Scotland: the first 6 years, 1988-1994

Davies, J. A., Nugent, Z. J., Pitts, N. B. & Smith, P. A., 24 Jan 1998, In: British Dental Journal. 184, 2, p. 85-9; discussion 78

Dental Caries in Children. Scottish Needs Assessment Programme Report.

Pitts N B, Binnie V, Gerrish A C., 1998, 2nd ed. Scottish Forum for Public Health, Glasgow.

Electrical methods in occlusal caries diagnosis: An in vitro comparison with visual inspection and bite-wing radiography

Huysmans, M. C., Longbottom, C. & Pitts, N., 1998, In: Caries research. 32, 5, p. 324-9 6 p.

Scottish Health Boards' Dental Epidemiological Programme. Report of the 1997/98 Survey of 5 year old children.

Nugent Z J, Smith PA., 1998, *Scottish Health Boards' Dental Epidemiological Programme*. University of Dundee

Selection Criteria in Dental Radiography.

Pendlebury M and Pitts N B., 1998, Faculty of General Dental Practitioners.

Asking the academics

Grace, M., Stuart-Wilson, F. & Pitts, N., 22 Nov 1997, In: *British Dental Journal*. 183, 10, p. 356-7 2 p.

Patient caries status in the context of practical, evidence-based management of the initial caries lesion

Pitts, N. B., Nov 1997, In: *Journal of Dental Education*. 61, 11, p. 861-5 5 p.

Integrity, maintenance and caries susceptibility of sealed surfaces in adolescents receiving regular care from general dental practitioners in Scotland

Deery, C., Fyffe, H. E., Nugent, Z., Nuttall, N. M. & Pitts, N. B., Jun 1997, In: *International Journal of Paediatric Dentistry*. 7, 2, p. 75-80 6 p.

Do we understand which children need and get appropriate dental care?

Pitts, N. B., 12 Apr 1997, In: *British Dental Journal*. 182, 7, p. 273-8 6 p.

British Association for the Study of Community Dentistry (BASCD) coordinated National Health Service surveys of caries prevalence 1985/6-1995/6

Pitts, N. B. & Evans, D. J., Mar 1997, In: *Community Dental Health*. 14 Suppl 1, p. 1-5 5 p.

British Association for the Study of Community Dentistry (BASCD) diagnostic criteria for caries prevalence surveys-1996/97

Pitts, N. B., Evans, D. J. & Pine, C. M., Mar 1997, In: *Community Dental Health*. 14 Suppl 1, p. 6-9 4 p.

British Association for the Study of Community Dentistry (BASCD) guidance on the statistical aspects of training and calibration of examiners for surveys of child dental health. A BASCD coordinated dental epidemiology programme quality standard

Pine, C. M., Pitts, N. B. & Nugent, Z. J., Mar 1997, In: *Community Dental Health*. 14 Suppl 1, p. 18-29 12 p.

Patterns of change and results overview 1985/6-1995/6 from the British Association for the Study of Community Dentistry (BASCD) coordinated National Health Service surveys of caries prevalence

Nugent, Z. J. & Pitts, N. B., Mar 1997, In: *Community Dental Health*. 14 Suppl 1, p. 30-54 25 p.

Diagnostic tools and measurements--impact on appropriate care

Pitts, N. B., Feb 1997, In: *Community Dentistry and Oral Epidemiology*. 25, 1, p. 24-35 12 p.

Scottish Health Boards' Dental Epidemiological Programme. Deprivation and Dental Caries: Addendum to the report of the 1996/97 Survey of 12 year old children.

Sweeney P, Allison D, Davies J., 1997, *Scottish Health Boards' Dental Epidemiological Programme. Deprivation and Dental Caries*: . University of Dundee

Scottish Health Boards' Dental Epidemiological Programme Report of the 1996/97 Survey of 12 year old children

Davies JA, Fyffe HE., 1997, *Scottish Health Boards' Dental Epidemiological Programme Report of the 1996/97 Survey of 12 year old children*.. University of Dundee

The BASCD Survey report dental caries experience of 5 year-old children in the United Kingdom. Surveys coordinated by British Association for the Study of Community Dentistry in 1995/96.

Pitts, N. B. & Evans, D. J., 1997, In: *Community Dental Health*. p. 47-52 14.

Trends in oral health

Murray JJ, Pine CM Wright, 1997, *Trends in oral health*. Community Oral Health

Impedance spectroscopy of teeth with and without approximal caries lesions--an in vitro study

Huysmans, M. C., Longbottom, C., Pitts, N. B., Los, P. & Bruce, P. G., Nov 1996, In: *Journal of Dental Research*. 75, 11, p. 1871-8 8 p.

The Chief Scientist reports ... Monitoring the dental health of Scottish children using routinely collected data
Davies, J. A., Smith, P. A. & Pitts, N. B., Jul 1996, In: Health Bulletin. 54, 4, p. 348-54 7 p.

Developmental defects of enamel in regularly attending adolescent dental patients in Scotland; prevalence and patient awareness
Fyffe, H. E., Deery, C. & Pitts, N. B., Jun 1996, In: Community Dental Health. 13, 2, p. 76-80 5 p.

Detection of dental decay and its extent using a.c. impedance spectroscopy
Longbottom, C., Huysmans, M. C., Pitts, N. B., Los, P. & Bruce, P. G., Feb 1996, In: Nature Medicine. 2, 2, p. 235-7 3 p.

The use of bitewing radiographs in the management of dental caries: scientific and practical considerations
Pitts, N. B., Jan 1996, In: Dento maxillo facial radiology. 25, 1, p. 5-16 12 p.

Advances in radiographic detection methods and caries management rationale. In: Proceedings of the first annual Indiana Conference: Early detection of dental caries.
Pitts, N., 1996, *Advances in radiographic detection methods and caries management rationale..* Indiana University Press, p. 39-50

An assessment of photographic slides as aids to training survey dentists
Pitts, N. B., Deery, C., Fyffe, H. E. & Longbottom, C., 1996, In: Dental Medium. p. 47-48 4(2).

The dental caries experience of 14 year-old children in the United Kingdom. Surveys coordinated by the British Association for the Study of Community Dentistry in 1994/95.
Pitts, N. B. & Evans, D. J., 1996, In: Community Dental Health. p. 51-58 13(1).

The Scottish Health Boards' Dental Epidemiological Programme: Report of the 1995/96 survey of 5 year old children.
Pitts NB, Nugent ZJ, Davies JA., 1996, *The Scottish Health Boards' Dental Epidemiological Programme.* University of Dundee

The dental caries experience of 5-year-old children in Great Britain. Surveys coordinated by the British Association for the Study of Community Dentistry in 1993/94
Pitts, N. B. & Palmer, J. D., Mar 1995, In: Community Dental Health. 12, 1, p. 52-8 7 p.

Preventive Care Advised (PCA)/Operative Care Advised (OCA)—categorising caries by the management option
Pitts, N. B. & Longbottom, C., Feb 1995, In: Community Dentistry and Oral Epidemiology. 23, 1, p. 55-9 5 p.

BASCD Guidance on Sampling for Surveys of Child Dental Health
Pine C, Nugent Z., 1995, *BASCD Guidance on Sampling for Surveys of Child Dental Health..* University of Dundee

BASCD Guidance on the Statistical Aspects of Training and Calibration of Examiners for Surveys of Child Dental Health
Pine C, Nugent Z., 1995, *BASCD Guidance on the Statistical Aspects of Training and Calibration of Examiners for Surveys of Child Dental Health..* University of Dundee

Dental fluorosis
Pitts, N. & Stephen, K. W., 1995, In: British Dental Journal. 326.

Deprivation and Dental Caries. A collaborative pilot study undertaken by Argyll & Clyde Health Board and Dental Health Services Research Unit.
Sweeney P, McCall D, Nugent Z., 1995, *Deprivation and Dental Caries..*

The effect of placing a clear pit and fissure sealant on the validity and reproducibility of occlusal caries diagnosis
Deery, C., Fyffe, H. E., Nugent, Z., Nuttall, N. M. & Pitts, N. B., 1995, In: Caries research. 29, 5, p. 377-81 5 p.

The Scottish Health Boards' Dental Epidemiological Programme. Report of the 1994/95 Survey of 14 year old children.
Pitts NB, Fyffe HE, Nugent Z., 1995, *The Scottish Health Boards' Dental Epidemiological Programme..* University of Dundee

Discovering dental public health: from Fisher to the future

Pitts, N. B., Sept 1994, In: *Community Dental Health*. 11, 3, p. 172-8 7 p.

Topics for general dental practitioner continuing education: survey of Scottish views

Davis, M. H. & Pitts, N. B., Sept 1994, In: *EUROPEAN JOURNAL OF PROSTHODONTICS AND RESTORATIVE DENTISTRY*. 3, 1, p. 23-5 3 p.

Caries management strategies used by a group of Scottish dentists

Nuttall, N. M., Fyffe, H. E. & Pitts, N. B., 21 May 1994, In: *British Dental Journal*. 176, 10, p. 373-378 6 p.

The dental caries experience of 5-, 12- and 14-year-old children in Great Britain. Surveys coordinated by the British Association for the Study of Community Dentistry in 1991/92, 1992/3 and 1990-91

Pitts, N. B. & Palmer, J. D., Mar 1994, In: *Community Dental Health*. 11, 1, p. 42-52 11 p.

Children's Dental Health - is it still good news?

Pitts, N. B., 1994, In: *British Dental Journal*. p. 235-237 177.

Dental Caries in Children. Scottish Needs Assessment Programme Report.

Pitts N B, Binnie V, Gerrish A C, Mackenzie N M, Watkins T R., 1994, *Scottish Forum for Public Health*, Glasgow.

Scottish Health Boards' Dental Epidemiological Programme. Report of the 1993/94 Survey of 5 year old children.

Pitts NB, Fyffe HE, Nugent Z, Smith P., 1994, *Scottish Health Boards' Dental Epidemiological Programme..* University of Dundee

Occlusal caries diagnosis: a changing challenge for clinicians and epidemiologists

Kidd, E. A. M., Ricketts, D. N. J. & Pitts, N. B., Dec 1993, In: *Journal of Dentistry*. 21, 6, p. 323-331 9 p.

Assessment of reports by dentists of their restorative treatment thresholds

Nuttall, N. M., Pitts, N. B. & Fyffe, H. E., Oct 1993, In: *Community Dentistry and Oral Epidemiology*. 21, 5, p. 273-8 6 p.

CO2 laser and the diagnosis of occlusal caries: in vitro study

Longbottom, C. & Pitts, NB., Aug 1993, In: *Journal of Dentistry*. 21, 4, p. 234-239 6 p.

Current methods and criteria for caries diagnosis in Europe

Pitts, N. B., Jun 1993, In: *Journal of Dental Education*. 57, 6, p. 409-14 6 p.

Developments in radiographic caries diagnosis

Wenzel, A., Pitts, N., Verdonschot, EH. & Kalsbeek, H., Jun 1993, In: *Journal of Dentistry*. 21, 3, p. 131-140 10 p.

Radiovisiography—a preliminary subjective assessment in a hospital paediatric dentistry department

Russell, M. & Pitts, N. B., Jun 1993, In: *International Journal of Paediatric Dentistry*. 3, 2, p. 77-82 6 p.

Radiovisiography: an update

Russell, M. & Pitts, N. B., May 1993, In: *Dental Update*. 20, 4, p. 141-4 4 p.

Safeguarding the quality of epidemiological caries data at a time of changing disease patterns and evolving dental services

Pitts, N. B., Mar 1993, In: Community Dental Health. 10, 1, p. 1-9 9 p.

Development and application of a quantitative method of monitoring macroscopic cavitation in smooth surface carious lesions in vivo

Neilson, A. & Pitts, N. B., 1993, In: Caries research. 27, 2, p. 140-6 7 p.

Radiovisiographic diagnosis of dental caries: initial comparison of basic mode videoprints with bitewing radiography

Russell, M. & Pitts, N. B., 1993, In: Caries research. 27, 1, p. 65-70 6 p.

Scottish Health Boards' Dental Epidemiological Programme. Report of the 1992/93 Survey of 12 year old children.

Pitts NB, Fyffe HE, Nugent Z, Smith P., 1993, *Scottish Health Boards' Dental Epidemiological Programme..* University of Dundee

The differentiation of sealant restorations from preventive fissure sealants, in subjects with clear sealants

Deery, C. & Pitts, N. B., Dec 1992, In: Community Dental Health. 9, 4, p. 385-90 6 p.

Selection criteria for dental radiography

Pitts, N. & Kidd, E. A., 24 Oct 1992, In: British Dental Journal. 173, 227.

Some of the factors to be considered in the prescription and timing of bitewing radiography in the diagnosis and management of dental caries

Pitts, N. B. & Kidd, E. A. M., Apr 1992, In: Journal of Dentistry. 20, 2, p. 74-84 11 p.

The prescription and timing of bitewing radiography in the diagnosis and management of dental caries: contemporary recommendations

Pitts, N. B. & Kidd, E. A., 21 Mar 1992, In: British Dental Journal. 172, 6, p. 225-7 3 p.

Information needs for monitoring dental health and for planning local dental services

Pitts, N., Mar 1992, In: Community Dental Health. 9, 1, p. 79-98 20 p.

The Chief Scientist reports.... Problems in mounting and maintaining longitudinal studies--examples from dental health services research

Davies, J. A., Fyffe, H. E. & Pitts, N. B., Mar 1992, In: Health Bulletin. 50, 2, p. 194-205 12 p.

An in vivo comparison of radiographic and directly assessed clinical caries status of posterior approximal surfaces in primary and permanent teeth

Pitts, N. B. & Rimmer, P. A., 1992, In: Caries research. 26, 2, p. 146-52 7 p.

A Report by the Chief Medical Officer of the Scottish Home and Health Department to the Secretary of State for Scotland. UK Adult Dental Health Survey (1988)

Pitts, N., 1992, *A Report by the Chief Medical Officer of the Scottish Home and Health Department to the Secretary of State for Scotland..* HMSO, p. 113-116

Continuing education for GPs using a printed distance learning programme

Pitts, N. B., Laidlaw, J. M., Paterson, R. J., Watts, A. & Saunders, P. W., 1992, In: Medical Education. p. 378-383 26.

GDP's and specialists decisions in the management of fissure caries

Pitts, N. B., Davis, M. H. & Harden, R. M., 1992, In: Journal of Dentistry. p. 345-347 3 p., 20.

Rationale and overview of present and potential future techniques

Pitts, N. B., 1992, In: Dental Update. p. 37-38 19:32.

Scottish Health Boards' Dental Epidemiological Programme. Report of the 1991/92 survey of 5 year old children.
Pitts, N. & Nugent, Z., 1992, *Scottish Health Boards' Dental Epidemiological Programme..* University of Dundee

Diagnostic methods for caries: what is appropriate when?

Pitts, N. B., Dec 1991, In: *Journal of Dentistry*. 19, 6, p. 377-382 6 p.

Oral hygiene, gingivitis and periodontal status of Libyan school children

Omar, S. M. & Pitts, N. B., Dec 1991, In: *Community Dental Health*. 8, 4, p. 329-33 5 p.

The diagnosis of dental caries: 2. The detection of approximal, root surface and recurrent lesions

Pitts, N. B., Dec 1991, In: *Dental Update*. 18, 10, p. 436-8, 440-2

The clinical behaviour of free smooth surface carious lesions monitored over 2 years in a group of Scottish children

Neilson, A. & Pitts, N. B., 23 Nov 1991, In: *British Dental Journal*. 171, 10, p. 313-8 6 p.

Five-year longitudinal study of restorative treatment received by Scottish children

Pitts, N. B., 9 Nov 1991, In: *British Dental Journal*. 171, 9, p. 275-9 5 p.

Scottish dentists' use of and opinions regarding bitewing radiography

Pitts, N. B. & Fyffe, H. E., Nov 1991, In: *Dento maxillo facial radiology*. 20, 4, p. 214-218 5 p.

The diagnosis of dental caries: 1. Diagnostic methods for assessing buccal, lingual and occlusal surfaces

Pitts, N. B., Nov 1991, In: *Dental Update*. 18, 9, p. 393-6 4 p.

Effects of diagnostic threshold and overlapped approximal surfaces on reported caries status

Rimmer, P. A. & Pitts, N. B., Aug 1991, In: *Community Dentistry and Oral Epidemiology*. 19, 4, p. 205-12 8 p.

The use of bitewing positioning devices in children's dentistry

Pitts, N. B., Hamood, S. S., Longbottom, C. & Rimmer, P. A., Aug 1991, In: *Dento maxillo facial radiology*. 20, 3, p. 121-126 6 p.

Initial development and in vitro evaluation of the HPL device for obtaining reproducible bitewing radiographs of children

Pitts, N. B., Hamood, S. S. & Longbottom, C., May 1991, In: *Oral surgery, oral medicine, and oral pathology*. 71, 5, p. 625-34 10 p.

The Scottish Dentists' Questionnaire 1987: an overview

Fyffe, H. E., Nuttall, N. M. & Pitts, N. B., May 1991, In: *Health Bulletin*. 49, 3, p. 204-10 7 p.

Clinical trials and legal liability in the UK

Pitts, N. B., Apr 1991, In: *Journal of Dentistry*. 19, 2, p. 121-123 3 p.

Confronto iniziale tra i sistemi endoscopici e tradizionali di diagnosi della carie

Pitts, N. B. & Longbottom, C., 1991, In: *QUINTESSENCE INTERNATIONAL*. p. 449-458 6 7.

Dental Education at The London in the 1970's - an undergraduate perspective. For: The Dental School of the London Hospital Medical College 1911-1991

Pitts, N., 1991, London Hospital Medical College.

L'impiego di lastre radiofiche dentarie con aletta in soggetti in eta pediatrica

Pitts, N. B., Longbottom, C. & Hamood, S. S., 1991, In: *DENTOMAXILLOFACIAL RADIOLOGY*. p. 121-126 20.

Modern Concepts in the Diagnosis and Treatment of Fissure Caries. A review of clinical techniques and materials for the busy practitioner.

Paterson R C, Watts A, Saunders W P, Pitts N B., 1991, Quintessence Publishing.

Moderne Konzepte für Diagnose und Behandlung der Fissurenkaries. Eine Übersicht klinischer Techniken und Materialien für den engagierten Praktiker.

Paterson R C, Watts A, Saunders W P, Pitts N B., 1991, Quintessential Publishing Co Ltd.

Research into Dental Practice

Pitts, N. B., 1991, In: British Dental Journal. p. 320-322 170.

Scottish Health Boards' Dental Epidemiological Programme: Addendum 12-14 year olds longitudinal data

Pitts, N. & Davies, J. A., 1991, *Scottish Health Boards' Dental Epidemiological Programme..* University of Dundee

Scottish Health Boards' Dental Epidemiological Programme. Report of the 1990/91 survey of 14 year old children.

Pitts, N. & Davies, J. A., 1991, *Scottish Health Boards' Dental Epidemiological Programme..* University of Dundee

The Dental Health Services Research Unit

Pitts NB, Davies JA, Deery C, Fyffe HE, Kay EJ, Nuttall NM., 1991, *The Dental Health Services Research Unit.* University of Dundee

The Dental Health Services Research Unit 1991-94. Report to the Chief Scientist.

Pitts NB, Nuttall NM, Deery C, Fyffe HE, Nugent Z, Pine C, Smith P., 1991, *The Dental Health Services Research Unit 1991-94. Report to the Chief Scientist..* University of Dundee

A reappraisal of the value of the bitewing radiograph in the diagnosis of posterior approximal caries

Kidd, E. A. & Pitts, N. B., 6 Oct 1990, In: British Dental Journal. 169, 7, p. 195-200 6 p.

Endoskopische und herkömmliche Methoden zur Kariesdiagnose—Ein Erfahrungsbericht (II)

Longbottom, C. & Pitts, N. B., Oct 1990, In: Die Quintessenz. 41, 10, p. 1633-42 10 p.

Restorative treatment thresholds reported to be used by dentists in Scotland

Nuttall, N. M. & Pitts, N. B., 8 Sept 1990, In: British Dental Journal. 169, 5, p. 119-26 8 p.

Endoskopische und herkömmliche Methoden zur Kariesdiagnose—Ein Erfahrungsbericht (I)

Longbottom, C. & Pitts, N. B., Sept 1990, In: Die Quintessenz. 41, 9, p. 1477-82 6 p.

Temporary elective tooth separation as a diagnostic aid in general dental practice

Rimmer, P. A. & Pitts, N. B., 11 Aug 1990, In: British Dental Journal. 169, 3-4, p. 87-92 6 p.

Initial comparison between endoscopic and conventional methods of caries diagnosis

Longbottom, C. & Pitts, N. B., Jul 1990, In: QUINTESSENCE INTERNATIONAL. 21, 7, p. 531-40 10 p.

A profile of orthodontic treatment in the general dental service in Scotland 1979-1987

Fyffe, H. E., Clark, J. D. & Pitts, N. B., May 1990, In: British Journal of Orthodontics. 17, 2, p. 127-36 10 p.

Endoscopic and traditional methods of caries diagnosis - procedure report (1)

Pitts, N. B. & Longbottom, C., 1990, In: Die Quintessenz. p. 1477-1482 41(9).

Endoscopic and traditional methods of caries diagnosis - procedure report (2)

Pitts, N. B. & Longbottom, C., 1990, In: Die Quintessenz. p. 1633-1642 41(10).

Scottish Health Boards' Dental Epidemiological Programme. Report of the 1989/90 survey of 5 year old children.
Pitts, N. & Davies, J. A., 1990, *Scottish Health Boards' Dental Epidemiological Programme.*

Sobre la necesidad del acabado de las restauraciones de amalgama
Pitts, N. B., 1990, In: Archivos de Odontologia Estomatologica. p. 46-58 12 p., 6.

An in vivo evaluation in children of the HPL bitewing device
Pitts, N. B., Hamood, S. S. & Longbottom, C., Dec 1989, In: Journal of Dentistry. 17, 6, p. 272-278 7 p.

Origin, training, and subsequent practice location of Scotland's General and Community dentists
Fyffe, H. E. & Pitts, N. B., Dec 1989, In: Community Dentistry and Oral Epidemiology. 17, 6, p. 325-9 5 p.

Scottish dentists' preferences for remuneration and their opinions on the scope of General Dental Service treatment
Nuttall, N. M. & Pitts, N. B., 24 Jun 1989, In: British Dental Journal. 166, 12, p. 451-4 4 p.

Finishing of amalgam restorations: to what degree is it necessary?
Jeffrey, I. W. M. & Pitts, N. B., Apr 1989, In: Journal of Dentistry. 17, 2, p. 55-60 6 p.

Image analysis of radiolucencies in approximal enamel: a comparison of xeroradiographic and conventional film images
Shearer, A. C., Pitts, N. B., Wilson, N. H., Hutton, J. B. & Wastell, D. G., Apr 1989, In: Oral surgery, oral medicine, and oral pathology. 67, 4, p. 453-8 6 p.

Dentists causing harm with x-rays.
Pitts, N., 1989, In: British Dental Journal. 50.

Trends in the Management of Fissure Caries - a distance learning programme for general dental practitioners.
Pitts, N. B., Paterson, R. C., Watts, A., Saunders, W. P., Harden, R. M., Laidlaw, J. M. & Davis, M., 1989, Scottish Home and Health Department.

Precautions reported to be used against cross-infection and attitudes to the dental treatment of HIV-positive patients in routine clinical dental practice in Scotland
Pitts, N. B. & Nuttall, N. M., Dec 1988, In: Journal of Dentistry. 16, 6, p. 258-263 6 p.

Blood borne viruses: precautions against cross-infection in routine dental practice in Scotland
Pitts, N. B. & Nuttall, N. M., 10 Sept 1988, In: British Dental Journal. 165, 5, p. 183-4 2 p.

Recall strategies reported to be used by general dental practitioners in Scotland
Nuttall, N. M. & Pitts, N. B., 23 Jul 1988, In: British Dental Journal. 165, 2, p. 47-50 4 p.

Dens evaginatus in the Hong Kong Chinese population
Bedi, R. & Pitts, N. B., Jun 1988, In: ENDODONTICS AND DENTAL TRAUMATOLOGY. 4, 3, p. 104-7 4 p.

The effect of varying diagnostic thresholds upon clinical caries data for a low prevalence group
Pitts, N. B. & Fyffe, H. E., Mar 1988, In: Journal of Dental Research. 67, 3, p. 592-6 5 p.

A comparison of bitewing radiography and interdental transillumination as adjuncts to the clinical identification of approximal caries in posterior teeth
Pitts, N. & Longbottom, C., 1988, In: British Dental Journal. 101.

Dental temporal con especial atencion al diagnostico y prevencion de lesiones de caries dudosas
Pitts, N. B. & Longbottom, C., 1988, In: QUINTESENCE INTERNATIONAL.

Scottish Health Boards' Dental Epidemiological Programme. Report of the 1987/8 survey of five year old children.
Pitts, N. & Davies, J. A., 1988, *Scottish Health Boards' Dental Epidemiological Programme.* University of Dundee

The Dental Health Services Research Unit: Report to the Chief Scientist, Scottish Home and Health Department.
Pitts NB, Davies JA, Fyffe HE, Nuttall NM., 1988, *The Dental Health Services Research Unit.* University of Dundee

Detection of approximal radiolucencies in enamel: a preliminary comparison between experienced clinicians and an image analysis method

Pitts, N. B., Oct 1987, In: *Journal of Dentistry.* 15, 5, p. 191-197 7 p.

Temporary tooth separation with special reference to the diagnosis and preventive management of equivocal approximal carious lesions

Pitts, N. B. & Longbottom, C., Aug 1987, In: *QUINTESSENCE INTERNATIONAL.* 18, 8, p. 563-73 11 p.

Monitoring the behaviour of posterior approximal carious lesions by image analysis of serial standardised bitewing radiographs

Pitts, N. B. & Renson, C. E., 10 Jan 1987, In: *British Dental Journal.* 162, 1, p. 15-21 7 p.

Imaging techniques in dentistry: Automatic detection and quantitation of dental caries. In: Wamsteker K et al (eds). Imaging and visual documentation in medicine.

Pitts, N., 1987, *Imaging techniques in dentistry: Automatic detection and quantitation of dental caries. In: Wamsteker K et al (eds).* Amsterdam: Excerpta Medica, p. 265-272

Separazione dentale provvisoria con particolare riferimento alla diagnosi e alla terapia preventiva di lesioni cariose approssimali di natura incerta

Pitts, N. B. & Longbottom, C., 1987, In: *QUINTESSENCE INTERNATIONAL.* p. 1089-1100 12.

The use of endoscopically viewed filtered fluorescence for the clinical diagnosis of carious lesions in dental enamel

Pitts, N. B. & Longbottom, C., 1987, In: *Medical Science Research.* p. 535-536 1 p., 15.

Approximal radiolucencies in partially overlapped enamel: the need for quantitation and a preliminary assessment of a computer-aided image analysis method

Pitts, N. B., Apr 1986, In: *QUINTESSENCE INTERNATIONAL.* 17, 4, p. 229-36 8 p.

Image analysis of bitewing radiographs: a histologically validated comparison with visual assessments of radiolucency depth in enamel

Pitts, N. B. & Renson, C. E., 22 Mar 1986, In: *British Dental Journal.* 160, 6, p. 205-9 5 p.

An image analysis system for the determination of tooth dimensions from study casts: comparison with manual measurements of mesio-distal diameter

Brook, A. H., Pitts, N. B., Yau, F. & Sandar, P. K., Mar 1986, In: *Journal of Dental Research.* 65, 3, p. 428-31 4 p.

Further development of a computer-aided image analysis method of quantifying radiolucencies in approximal enamel

Pitts, N. B. & Renson, C. E., 1986, In: *Caries research.* 20, 4, p. 361-70 10 p.

Regression of approximal carious lesions diagnosed from serial standardized bitewing radiographs

Pitts, N. B., 1986, In: *Caries research.* 20, 1, p. 85-90 6 p.

Reproducibility of computer-aided image-analysis-derived estimates of the depth and area of radiolucencies in approximal enamel

Pitts, N. B. & Renson, C. E., Oct 1985, In: *Journal of Dental Research.* 64, 10, p. 1221-4 4 p.

Score system for behaviour of radiologically diagnosed approximal carious lesions

Pitts, N. B., Oct 1985, In: *Community Dentistry and Oral Epidemiology.* 13, 5, p. 268-72 5 p.

Detection and measurement of approximal radiolucencies by computer-aided image analysis

Pitts, N. B., Sept 1984, In: Oral surgery, oral medicine, and oral pathology. 58, 3, p. 358-366 9 p.

A mathematical model for the progression of approximal carious lesions through enamel

Darvell, B. W. & Pitts, N. B., Apr 1984, In: Australian Dental Journal. 29, 2, p. 111-115 4 p.

Mounted human skulls as an aid to preclinical endodontic teaching

Pitts, N. B., Chow, T. W., Renson, C. E., Kirkwood, J. & Walker, R. T., Apr 1984, In: International Endodontic Journal. 17, 2, p. 73-75 3 p.

Systems for grading approximal carious lesions and overlaps diagnosed from bitewing radiographs: proposals for future standardization

Pitts, N. B., Apr 1984, In: Community Dentistry and Oral Epidemiology. 12, 2, p. 114-122 8 p.

Film-holding, beam-aiming and collimating devices as an aid to standardization in intra-oral radiography: a review

Pitts, N. B., Mar 1984, In: Journal of Dentistry. p. 36-46 10 p., 12.

The bitewing examination as a preventive aid to the control of approximal caries

Pitts, N. B., Jan 1984, In: Clinical preventive dentistry. 6, 1, p. 12-15 3 p.

A guide to anterior crowns

Renson C E, Pitts N B, Kirkwood J, Chow T W., 1983, Mimeog. Hong Kong University.

Dental caries status of a group of Hong Kong University students.

Pitts, N., 1983, In: Journal Hong Kong Social and Community Medicine. p. 27-31 4 p., 13.

Determination of tooth dimensions from study casts using an image analysis system

Brook A H, Pitts N B, Renson C E, 1983, In: International journal of paediatric dentistry / the British Paedodontic Society [and] the International Association of Dentistry for Children. p. 55-60 5 p., 14.

Monitoring of caries progression in permanent and primary posterior enamel by bitewing radiography: A Review

Pitts, N., 1983, In: Community Dentistry and Oral Epidemiology. p. 228-235 7 p., 11.

Oral diagnosis and Treatment Planning Manual

Corbet E, Jepson N, Pitts N B, Renson C E., 1983, 2nd ed. Hong Kong University: Hong Kong University.

Terminology

Pitts, N., 1983, In: Australian Dental Journal. p. 250-251

The use of film-holding beam-collimating and aiming devices in bitewing radiography: A suggested design for routine and research use

Pitts, N., 1983, In: DENTOMAXILLOFACIAL RADIOLOGY. p. 77-82 5 p., 12.

Activities

Co-Applicant

Nigel Pitts (Recipient)

2014 → 2015

"Tactile tests for caries activity"

Nigel Pitts (Recipient)

2014 → 2015

Scientific Development of EAER Remineralisation Technology

Nigel Pitts (Recipient)

2013 → 2014

Near Infrared Dental Imaging Project (joint with Physics at Durham University)

Nigel Pitts (Recipient)

2012 → 2013

DHSRU Core Programme Budget 1993/1994

Nigel Pitts (Recipient)

1993 → 1994

DHSRU Core Programme Budget 1992/1993

Nigel Pitts (Recipient)

1992 → 1993

DHSRU Core Programme Budget 1991/1992

Nigel Pitts (Recipient)

1991 → 1992

DHSRU Core Programme Budget 1990/1991

Nigel Pitts (Recipient)

1990 → 1991

DHSRU Core Programme Budget 189/1990

Nigel Pitts (Recipient)

1989 → 1990

DHSRU Core Programme Budget

Nigel Pitts (Recipient)

1988 → 1989

DHSRU Core Programme Budget 1987/1988

Nigel Pitts (Recipient)

1987 → 1988

DHSRU Core Programme Budget 1986/1987

Nigel Pitts (Recipient)

1986 → 1987

Projects

FICTION - Filling Children's Teeth: Indicated Or Not?

Pitts, N. & Longbottom, C.

NIHR National Institute For Health & Care Research

1/01/2013 → 31/12/2015

Fluoride interventions to prevent dental decay in care home residents: a randomised feasibility study

Gallagher, J., Patel, R., Pitts, N., Donaldson, N. & Pickles, A.

NIHR National Institute For Health & Care Research

31/01/2016 → 31/05/2022

Improving the Quality of Dentistry (IQuaD): A randomised controlled trial comparing oral hygiene advice and periodontal instrumentation for the prevention and management of periodontal disease in dentate adults attending dental primary care
Pitts, N. & Longbottom, C.
NIHR National Institute For Health & Care Research
1/01/2013 → 31/03/2016

INTERVAL - Investigation of NICE Technologies for Enabling Risk-Variable-Adjusted-Length Dental Recalls Trial
Pitts, N. & Longbottom, C.
NIHR National Institute For Health & Care Research
1/01/2013 → 31/08/2019