Tooth decay highest amongst England’s most deprived

New figures on hospital admissions for dental procedures reveal higher rates for patients from the most deprived sectors of the population when the primary diagnosis is tooth decay.

Almost one fifth of such admissions were for patients from the most deprived ten per cent of the population. However, those from the least deprived ten per cent of the population accounted for only four per cent of admissions with a primary diagnosis of dental caries.

Health and Social Care Information Centre (HSCIC) Chief Executive Tim Stranaghan said: “[These] figures show a correlation between rates of hospital dental procedures caused by tooth decay and the patient’s level of deprivation. This report has implications for the public’s dental health and for hospital trusts in England that perform dental services, in particular those that serve England’s most deprived areas.”

Professor Damien Walmsley, the Scientific Adviser to the British Dental Association, said: “The striking and persistent correlation which exists between those with the best and worst oral health and their social backgrounds, particularly among children and young people, has long been apparent.

“Dentists working in Britain’s poorest communities are working with fundamental problems such as children not being taken to see a dentist, not being provided with toothbrushes and fluoride toothpaste and being fed irregular diets heavy with sugary and acidic food and drink. As a result, we see many children with significant levels of decay; some of whom have to be referred to hospitals for multiple extractions before they are even ten years old.”

Tackling these problems and the social determinants that underpin them needs to be part of government’s wider public health strategies across the UK, as the BDA continues to stress.”

Dr Nigel Carter OBE, Chief Executive of the British Dental Health Foundation, said: “Although the findings of the report are nothing new, the scale of the problem is a worry. Social inequalities have a great bearing on oral health, both in adults and children.

“While there have been major improvements in oral health in the last 30 years, with research leading to advances in the prevention and treatment of disease, inequalities remain. A marked social gradient in oral health is seen in the most deprived ten per cent of the population when the primary diagnosis is tooth decay. Further research shows that more than 50 per cent of children in the UK will have dental decay by the time they are five. The Infant & Toddler Forum (ITF) is also calling for a focus on public health education in order to make a difference, with the aim to help families instil healthier attitudes in their children for lifelong health, through a programme of everyday tips on which foods to offer and which behaviours to encourage as early on as possible.”

www.dental-tribune.co.uk
Government decision to award general dental practitioners in England an uplift to their funding of 1.5% per cent for 2013/14 will do little to relieve the increasing pressure on high street dentists, the British Dental Association (BDA) has warned.

The Department of Health’s decision has this year been made without a recommendation from the Doctors’ and Dentists’ Review Body, following its decision to suspend DDB’s role in determining pay settlements.

The Department of Health has also signalled that it intends to alter the way that dental contracts are managed at the end of the 2013/14 financial year, although details of these changes are yet to be published.

Dr John Milne, Chair of the BDA’s General Dental Practice Committee, said: “While dentists understand the financial challenges facing the public purse that sit behind this decision, they also know that their practice expenses are continuing to escalate and that their professional lives are becoming ever more challenging.

“Dentistry in England is facing an uncertain time with new commissioning arrangements being implemented in just a few weeks and new contractual arrangements being piloted.

“Dentists are working hard not only to care for their patients today, but also to make these reforms work to build a better future.

“That future will also depend on the funding shortfalls that are being endured by practices now being recouped in future years. The BDA will continue to remind Government of this and look to the DDRB for future recommendations to more effectively support dentists’ hard work caring for patients.

“We will also press for the all-important detail of the changes to contract management that have been announced alongside today’s announcement. Inevitably, the devil will be in the detail of these changes and we will be looking very closely at them.”

Salaried dentists will receive a one per cent pay uplift, in line with the award given to other NHS employees.

The NHS Commissioning Board (NHS CB) has announced plans to help up to 100,000 more people to use the internet to improve their health.

The Board is forming a new partnership with the Online Centres Foundation to fund existing UK Online Centres to train and support people to help their health and well-being through the internet. The funding will support the Online Centres Foundation to develop at least 50 of its existing centres in public places such as libraries, community centres cafes and pubs to become digital health hubs.

Thousands encouraged to use internet to improve health

These hubs will provide training and support to help people go online for the first time so they can start using websites such as NHS Choices. As people become more confident they will also be encouraged to do more online, such as provide comments on their use of the NHS or order repeat prescriptions online. To support the centres and the people who use them there will be online health information training on their website www.learnmyway.com.

In addition to the health hubs, the programme will also establish a new network of larger NHS digital projects working in health locations (including hospitals and GP surgeries) to pilot innovative approaches to getting involved in online healthcare.

The NHS Commissioning Board is concerned that those who experience the greatest health inequalities – and who have the greatest need of NHS services – are least likely to be online. People over the age of 65 account for more than half of NHS spending, but 56 per cent of those over the age of 65 have never been online before and half of the eight million people who have never used the internet have a disability. Homeless people, travellers and some rural communities experience health inequalities and poor health – but often also lack access to online services.

To support the centres and their users, a digital health information learning package will be established on the online learning platform Learn my way, which will help evaluate the best way to encourage people to find health and information and complete transactions online.

A build-up of bugs causes the gums to become inflamed, commonly resulting in red, swollen gums which may bleed upon flossing or brushing. Over time gums could pull away from teeth and, if left untreated, gum disease could result in the scary reality of tooth loss. There are many products available to treat gum disease. Where appropriate, I often recommend a medicated mouthwash, containing chlorhexidine, for short-term use to treat the signs of gum disease, as well as a good oral care routine.
Editorial comment

Last week saw the sixth World Oral Health Day. Organised by the FDI, World Oral Health Day is celebrated every year on 20 March and was created to remind the global population that healthy teeth, gums and mouth play a crucial role in our ability to work or study without constant, nagging and painful toothache, in our self-confidence and in the health of our whole body.

This year’s theme is ‘Healthy Teeth for Healthy Life’. It reflects the major contribution oral health makes to our lives. The event provided a fantastic opportunity for FDI member associations to organise events locally to raise oral health in the public’s awareness.

Although the day is not widely marked in the UK, the opportunity for focusing on oral health should never go begging. I made sure that our social media was on the case, I hope your was too!

If you’d like to see more about World Oral Health Day so you can plan for next year, go to http://www.fdworldental.org/events/world-oral-health-day/world-oral-health-day-2015.aspx.

Tooth loss? Rather have the flu!

Americans are more afraid of losing a natural tooth than they are of getting the flu, according to a January survey by the American Association of Endodontists. Despite an especially bad flu season that taxed hospital emergency rooms nationwide and led some cities to declare a public health emergency, more survey respondents hoped to avoid losing a permanent tooth (74 per cent) than avoid getting the flu (73 per cent).

Also, 70 per cent of respondents say they want to avoid getting a root canal, and 60 per cent were more anxious about root canal treatment than getting a tooth pulled (57 per cent), or receiving a dental implant (54 per cent). The underlying factor of these numbers could be connected to outdated concerns about root canal treatment.

During the seventh annual Root Canal Awareness Week, March 17-23, the AAE wants to dispel myths that root canals are painful and encourage patients who need a root canal to see an endodontist to save their natural teeth.

“We want patients to know that there is no reason to be anxious about receiving a root canal,” said AAE President Dr. James C. Kulild. “With today’s advanced technologies, root canals are painful and encourage patients who need a root canal to see an endodontist to save their natural teeth.”

Advanced Defence Sensitive blocks 92% of dentine tubules in just 6 rinses in vitro*1

Introducing the first in a new expert range from LISTERINE® – a twice-daily mouthwash built on potassium oxalate crystal technology that blocks dentine tubules deeply for lasting protection from sensitivity.2,3

In just six rinses Advanced Defence Sensitive blocks 92% of dentine tubules; twice as many as the leading recommended pastes.1,4

It can be used alone for lasting protection,3 or in combination with the most recommended paste from the leading sensitivity brand, to significantly increase the number of tubules the paste blocks in vitro.4,5

* Based on % hydraulic conductance reduction

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New drug treats oral mucositis

Mouse model studies show that administering genetically or topically, protein Smad7 protects against or heals mouth sores commonly associated with cancer treatment.

In some cancer patients treated with radiation, the mouth sores known as oral mucositis become so severe that feeding tubes are required for nutrition and narcotics are needed for pain. In fact, 40–70 per cent of patients treated with upper-body radiation develop the condition to some degree. Currently, there is no FDA approved treatment. A University of Colorado Cancer Center study published this week in the journal *Nature Medicine* takes an important step toward changing that.

“We developed a genetically engineered mouse that produces a protein called Smad7 in the surface layers of its mouth. With this protein expressed, mouse models were dramatically more resistant to the effects of oral mucositis than were controls,” says Xiao-Jing Wang, PhD, CU Cancer Center investigator.

Wang and collaborators including Qinghong Zhang, PhD, Yosef Refaeli, PhD, and radiation oncologist David Raben, MD, are pursuing further research with the goal of developing Smad7 as a therapeutic agent for human oral mucositis. The group joined Smad7 in with a short peptide that allows the protein to cross through cell membranes, and produced this combination protein from cultured bacteria. When they applied the engineered compound directly to the mouse oral cavity, the treatment prevented and reversed the development of oral mucositis and worked to heal existing ulcers. Importantly, it revived wounded normal cells but not cancer cells, avoiding a major problem of growth factors currently used to promote the cell growth that heals ulcers.

“It’s very reasonable to hope that this line of research will result in a drug that patients can self-administer topically to oral mucositis sores, or use to prevent them altogether, thus significantly improving the quality of life for many cancer patients,” Wang says.

Additionally, Wang points out that the mouse model engineered to develop human-like oral mucositis in the presence of radiation treatment is a useful tool for studying the disease – offering opportunities to search for biomarkers and test experimental therapies.

Stub it out for the children’s sake!

Smokers are most likely to crack the habit due to the effect it has on children, according to the results of a new survey. Almost a third (30 per cent) of those surveyed by the British Dental Health Foundation said they would stop smoking due to the effects it has on children. More than one in four (26 per cent) said the danger of developing mouth cancer would be the reason they quit, while less than one in five (19 per cent) said the risk of lung cancer.

Children are often exposed to second-hand smoke in the home and particularly cars.

Public Health Minister Anne-Sophie Graversen has already called for smoking to be banned in cars carrying children on “child welfare” grounds.

Children are particularly vulnerable to the effects of second-hand smoke and exposure increases the risk of cut death, glue ear, asthma and other respiratory diseases.

A review by the British Medical Association’s Board of Science concluded that there is no safe level of exposure to tobacco smoke for children and adverse effects can be found at low levels of exposure.

Tobacco use is a major killer worldwide, and Dr Nigel Carter OBE, Chief Executive of the British Dental Health Foundation, hopes the one in three smokers in the UK that want to quit do so sooner rather than later.

Dr Carter said: “The research is clear-cut – smoking in any environment is harmful to you and those around you. Around one in six adults in the UK still smoke, and if they are doing so around their children it could have a catastrophic effect on their future health.

“Children see their parents as role models. If they are smoking, children are more likely to take up the habit. By stubbing out cigarettes now, not only will you stop damaging your body, you will stop damaging those around you.”

National award for Tyneside dental project

A ground-breaking project which delivers a dedicated dental service for children in care in North Tyneside has won a national award.

Northumbria Healthcare NHS Foundation Trust’s initiative for looked after children in the borough won the ‘continuity of care’ award at the Patient Experience Network (PEN) awards.

The scheme, which operates in partnership with professionals responsible for the children’s welfare and wellbeing, ensures there is no interruption in dental care for children entering care and has resulted in improvements in their oral health.

The project, run by the Trust’s Northumbria Dental Service, started as a 12-month pilot in conjunction with North Tyneside Council in 2010, however due to its success, has continued.

Community dental officer Dr Alex Rushworth, who co-ordinates the project alongside senior oral health promotion officer Jo Mackintosh, said: “We are really excited and proud to have won this award. This service was designed for the looked after children of North Tyneside with the help of the children, young people and carers themselves.

“Although Northumbria Dental Service already assessed and treated looked after children, this service means we have more robust links with everyone involved in the care of these patients. It means that more children are able to access our service and benefit from a project specifically designed to deliver health benefits to them.”

There are plans to extend the service into Northumberland.

BDA launches major changes to membership

For the first time, the British Dental Association (BDA) will offer dentists a choice of membership packages that reflect individuals' different needs.

Following extensive research, the BDA is launching a new membership scheme and from 1 June 2015 the current ‘one size fits all’ membership will be replaced with three different packages, offering a range of benefits.

At the same time, the BDA is also launching a new online CPD ‘Hub’ which will be available to all members.

The new membership packages include:

- **Extra (£795)** – covering everything in Essential member’ship plus, tailored support and advice via phone or email, and a VIP three-day ticket to the British Dental Conference and Exhibition; and a BDA Clinical Guide.
- **Concessionary rates will also be available:**
  - **Students** (£24 a year while at university) – covering a range of benefits including access to e-books, BDA publications and free entry to the Conference and Exhibition;
  - **Those over 65 (£190)** – for access to the Essential membership package.
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Work in Burma with Burmadent

A chance encounter whilst on holiday in Burma in March 2012 was the starting point for UK dentistry’s newest Charity, Burmadent.

Founded by practice owners Sharon Bierer and her husband, dentist Henrik Overgaard-Nielsen, together with fellow Trustees, Brian Weathergaard-Nielsen, Lesley Naismith from Software of Excellence, Burmadent has been established to provide dental care and promote oral health education in Burma.

Initially a holiday in March 2012 took Sharon and Henrik to Inle Lake in Burma where they were granted access to the Mein Thauk orphanage. The levels of caries and decay they found in the mouths of such young children was shocking and motivated the couple to organise a return trip to the area in November last year, with the aim of providing a programme of dental care to the orphans.

The couple were joined on the trip by the head nurse at their London practice, Zar Ni, and his wife May Myat San as well as Support Manager at BDTA Dental Showcase, the UK’s largest dental exhibition, is now officially open for 2013.

Whatever your reason for attending the UK’s largest dental exhibition – to see the very latest technology, gain insight on the newest thinking, purchase equipment or to learn more and gain CPD – the new BDTA Dental Showcase website is the hub for everything you need!

The online portal of the UK’s largest dental exhibition has a whole host of practical features, designed to ensure you maximise your visit to BDTA Dental Showcase.

Visit www.dentalshowcase.com now to:
• Register for free to benefit from BDTA Dental Showcase 2013. See what’s new in the world of dentistry
• Find out the latest news and updates about the exhibition
• Use the new ‘My Dental Showcase’ section, where visitors can plan their day, see who will be exhibiting and research travel options
• Use the ‘Save The Date’ facility which will automatically add BDTA Dental Showcase to your online calendar
• Download your CPD from 2012 (if you have not already done so)
• View highlights from last year’s BDTA Dental Showcase

The latest news and updates in the build up to the show are also available direct to you by following @dentalshowcase on Twitter or by liking the ‘BDTA Dental Showcase’ Facebook page.

This year, the exhibition will be held at Birmingham NEC from 17-19th October.

To find out more about Dental Showcase 2013, register for tickets and personalise your experience visit: www.dentalshowcase.com now!

Word of mouth strengthens oral health

More than 28 million people in the UK chose their current dentist through word of mouth, according to new research.

In a poll conducted by Bray Leino, half of people questioned (44.7 per cent) used friends and family recommendations for choosing their current dentist, while only 7.5 per cent of people used the internet. Almost two thirds (65.7 per cent) would rely on recommendations from work colleagues, friends and family to choose a new dentist.

The study is the latest in a series of surveys by the British Dental Trade Association (BDTA) which has highlighted the importance of personal recommendations to patients choosing their dentist.

Tony Reed, Executive Director of the British Dental Trade Association (BDTA) said: “New technologies have transformed the whole experience of visiting the dentist. There are now a wide range of largely non-invasive treatments including laser treatments, to target decay and disease, and digital scanning technology which allows dentists to make replacement teeth and crowns without taking silicon impressions.

“Dental treatments have advanced significantly helping to make a visit to the dentist a much more relaxed experience and encouraging more patients to take care of their oral health which, in turn, benefits their overall health.”

BDTA Dental Showcase launches new website

The Trust people have in their dentist is important – the survey found that two in every three people (66.3 per cent) would prefer recommendations from their current dentist, while only 7.5 per cent of people used the internet. Almost two thirds (65.7 per cent) would rely on recommendations from work colleagues, friends and family to choose a new dentist.

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GDC’s Chair and Chief Executive speak at BDA Conference

The General Dental Council’s (GDC) Chair, Kevin O’Brien and Chief Executive, Evlynne Gilvarry will be appearing at this year’s BDA Conference, taking place at London ExCeL on 25-27 April 2015.

Together they will present a session on Friday 26 April in Theatre 4 at 2.15pm, entitled Radical changes ahead – the GDC prepares for the future. In the session they will be discussing the GDC’s work, future aims and strategy; cost effective regulation; and the importance of contributing to the GDC’s work.

Kevin O’Brien will also be presenting the session Working to deliver dentistry in line with patient expectations on Friday in the Training essentials theatre at 11am. In the session, Kevin will be exploring the aims and objectives of the GDC’s corporate strategy; the role of patient expectations and safety; and how progress in key projects such as direct access, the review of standards and CPD will impact dental professionals.

For more information about the conference and to book a place, please go to: http://conference.bda.org/