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 GP’s ADXU Rose knocks out fan’s teeth

A Guns N Roses fan is suing Axl Rose after being injured by a microphone during the band’s tour of Australia. Axl Rose threw his microphone into the crowd during a gig in Perth, and reportedly broke two of fan Darren Wright’s teeth. Mr Wright is now suing the singer for around $5100 in a bid to get them fixed. “With the bright lights and explosions, I couldn’t see anything,” Wright has said. “The next thing I knew, I was whacked in the mouth. I thought I had been punched. I was quite stunned and it took a few seconds to realise what was going on. I could feel bits of teeth in my mouth.” At the very least, I was going to pay to get my teeth fixed,” a statement from Sony Music said.

Dental nurse is ‘best dressed’ at Cheltenham

Dental nurse Charlotte Hamilton from Pivtville was crowned ‘best dressed’ at Ladies’ Day at Cheltenham Festival. Charlotte, who wore a coat, fur scarf, hat and leather gloves, was delighted with the prize. “I’m over the moon,” she said. “It was not the outfit I was expecting, but when I saw the weather I decided to go for it.” Charlotte was presented with a bottle of bubbly to celebrate the success by Cotswold farmer Adam Henson.

FGDP(UK) to host series of seminars

Delegates attending this year’s British Dental Conference and Exhibition at Excel London will be given the opportunity to hear from some of the most respected professionals in the industry courtesy of the FGDP(UK). Leading dental professionals, including Professor of Oral and Maxillofacial Imaging at Manchester University, Keith Horner, and FGDP(UK) Course Director Paula McHenry will be speaking on a variety of topics from minor oral surgery to new radiology guidelines. Each session will last between an hour and ninety minutes. All four seminars will be taking place over Thursday 25 and Friday 26 April and offer an exciting opportunity to investigate some of the new developments within dentistry and recognise how to implement best practice as delegates develop their career.

www.dental-tribune.co.uk
Funding uplift places extra pressure on GDPs, BDA warns

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 DDBR’s role in determining pay settlements.

The Department of Health has also signalled that it intends to change the way that dental contracts are managed at the end of the 2015/14 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 DDBR for future recommendations to more effectively support dentists’ hard work caring for patients.

“We will also press for the details of the essential contract arrangements 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.

A Government decision to award general dental practitioners in England an uplift to their funding of 1.5 per cent for 2015/14 will do little to relieve the increasing pressure on high street dentists, the British Dental Association (BDA) has warned.

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 information and complete transactions online.

Smoking increases lung cancer risk after radiation exposure

The risk of developing cancer or tissue damage after exposure to ionising radiation varies among people because of genetic and lifestyle factors, according to the AGIB.

An AGIB report concludes that there is strong evidence that smoking substantially increases the risk of developing lung cancer after exposure to ionising radiation; an effect particularly marked in people exposed to radon gas. There is also evidence that genetic factors affect the way people react to ionising radiation, although further research is needed to confirm this and identify all the genes responsible.

The conclusions raise ethical issues that will need careful consideration and could have implications for advice given to smokers who undergo radiotherapy, work with ionising radiation or are accidentally exposed.

Professor Bryn Bridges, chairman of AGIB, said: “Smoking may well be important when considering future risks in exposed people. It is an important time to start to consider how knowledge of lifestyle factors such as smoking might be incorporated into occupational, medical and public radiation protection.”

Britons fear tooth loss more than weight gain

A new survey from dental brand Corso-dyl has revealed that permanent tooth loss is the nation’s biggest confidence killer.

Out of the adults surveyed, 51 per cent said that losing a tooth would be the worst blow to their confidence, compared to 19 per cent who cited changes in weight, and ten per cent bad skin.

Despite these findings, 48 per cent of those surveyed said that healthy looking gums are not as important as other aspects of their oral health, and only 18 per cent said they would visit the dentist if they had gum problems.

A dentist Amit Rai commented: “Gum disease is prevalent in Britain. With this in mind, it is important that people who have gum disease are encouraged to see their dentist regularly for treatment. “Gum disease is caused by the build-up of bacteria on the teeth and can cause 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 loss of teeth. “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 being a good oral care routine.”

Another risk from smoking
**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.fdiworldental.org/events/world-oral-health-day/world-oral-health-day-2013.aspx](http://www.fdiworldental.org/events/world-oral-health-day/world-oral-health-day-2013.aspx).

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**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 no more painful than filling - root canal treatment is actually one of the best ways to save your natural tooth!”

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

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

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*Based on % hydraulic conductance reduction

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**References**

1. Dentine Tubule Occlusion, DOF 1 – 2012.
6. Listerine Advanced Defence Sensitive
7. Do not recommend this product if patients have a history of kidney disease, hyperoxaluria, kidney stones or malabsorption syndrome, or take high doses of vitamin C (1000mg or more per day).

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New drug treats oral mucositis

**Stub it out for the children’s sake!**

M*ouse 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 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 mice were dramatically more resistant against 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 is 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.

**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-ordinated the project alongside senior oral health promotion officer Jo MacIntosh, 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**

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

The award means that Northumbria Healthcare has triumphed at every PEN awards for the last three consecutive years.

Anne Laverty, the Trust’s director of patient experience, said: “It is brilliant news that we have again been successful at the only awards which reward teams who really go out of their way to improve the quality of care for their patients.

“This project was truly unique as the service was tailor-made to meet the needs of the children in foster care. We were the only organisation in the UK to do this and the children and their carers were thrilled with the service.

“It is a clear example of how our staff are committed to finding innovative new ways to improve the experiences of patients and it is fitting that they have been rewarded in this way.”

BDA membership options include:

- Extra (£795) – covering everything in Essential membership plus, tailored support and advice via phone or email, and a VIP three-day ticket to the British Dental Conference and Exhibition;
- £1,095 – covering everything in Extra memberships plus exclusive access to BDA Expert (including over 170 model policies and protocols); two three-day DCP tickets to the British Dental Conference and Exhibition; and a BDA Clinical Guide.

Concessional rates will also be available for students, BDA publications and free entry to the Conference and Exhibition.

- Extra (£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;
- £195 – for access to the Essential membership package.
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Work in Burma with Burmadent

Founded by practice owners Sharon Bierer and her husband, dentist Henrik Overgaard-Nielsen, together with fellow Trustees, Brian Weathery and 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 Thaik 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 Software of Excellence and trained dental nurse, Lesley Naismith.

Burdent aims to arrange for dentists to work in Burma with an English speaking nurse. Dentists will pay for their own flights and hotel (at £15pp per night). Burmadent will facilitate this by providing information on useful contacts, advice on precautions that should be taken, how to get a visa, necessary injections, hotel details, travel arrangements etc. – in fact every resource needed to make your trip a reality.

Burdent has a number of events planned for the coming year and has a programme of presentations to local BDA groups already arranged. In addition, a Burma Day was being held at Software of Excellence on 22nd March and don’t forget the Burmaball on 12th October at “Eighth” – the private members’ club in London.

BDTA Dental Showcase launches new website

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 2015, 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 friends and family to choose a new dentist.

“The trust people have in their dentist was also highlighted as the survey found that two in every three people (66.3 per cent) would prefer to see the same dentist every time they visit.”

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.”

GDC’s Chair and Chief Executive speak at BDA Conference

The General Dental Council’s (GDC) Chair, Kevin O’Brien and Chief Executive, Elyvonne Gilvarry will be appearing at this year’s BDA Conference, taking place at London ExCeL on 25-27 April 2013.

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/