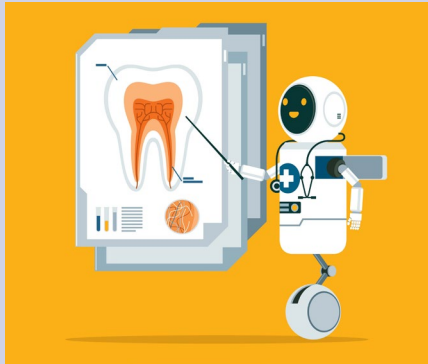


AROUND THE PORTFOLIO

BDJ

Artificial intelligence in healthcare and education

Dave M, Patel N. *Br Dent J* 2023; **234**: 761–764.



This article serves as a historical moment for the *British Dental Journal*, being the first article published by the *BDJ* to be written entirely by ChatGPT – excluding the authors’ concluding remarks. ChatGPT is a large language model developed by OpenAI (San Francisco, California) which was launched in November 2022, and has since taken the world by storm with its seemingly limitless applications including content creation, language translation, and chatbot text generation.

With this article the authors aimed to showcase the incredible potential of AI software like ChatGPT, while simultaneously encouraging caution in its use, citing potential causes for concern such as cheating in exams, plagiarism risks, and referencing difficulties. Most pertinently, the authors

maintain that ChatGPT cannot qualify for formal authorship as AI is unable to ‘hold accountability for what they submit to a journal’, although its use should of course be documented accordingly in the publication.

Check out the AI-generated article (free to view!) here: <https://www.nature.com/articles/s41415-023-5845-2>.

Rights from the start: the place of children’s rights in clinical dentistry

Harris J C. *Br Dent J* 2023; **234**: 796–799.

In 1989, the rights for all children under 18 worldwide were laid out in the United Nations Convention on the Rights of the Child (UNCRC). The key principles include: general non-discrimination; best

interests of the child; right to life, survival and development; right to be heard; dignity; participation; transparency; and accountability.

This Opinion article aims to situate the place of children’s rights within the context of clinical dentistry. The author questions what it means to translate upholding children’s rights into practical action in dentistry, proposing that all adults should know about children’s rights in order to help children learn about them, and providing suggestions for how dental teams can help contribute to advancing this agenda.

Read the full, free-to-view article here: <https://www.nature.com/articles/s41415-023-5863-0>

CHILDREN'S RIGHTS FROM THE START

The United Nations Convention on the Rights of the Child (UNCRC) states that adults should know about children's rights and should help children learn about them (Article 42).

There are four overarching general principles:

- Non-discrimination (Article 2)
- Best interest of the child (Article 3)
- Right to life, survival and development (Article 6)
- Right to be heard (Article 12)

CHILDREN HAVE THE RIGHT TO:

- A name, nationality and identity (Articles 7 & 8)
- Live with their parents, if possible, or with a family that cares for them (Article 9 & 18)
- Extra help and special care if they cannot live with their parents (Article 20), if they are seeking refuge (Article 20) or if they have a disability (Article 23)
- Give their opinion and for adults to listen and take it seriously (Article 12)
- Choose their own religion and beliefs (Articles 14 & 20) and choose their own friends (Article 13)
- Information that they can understand, especially information for their health and wellbeing (Article 17)
- Protection from harm, including all forms of violence, abuse and neglect, trafficking and cruel punishment (Articles 19, 33, 34, 35, 37)
- Help for recovery if they have been hurt, neglected or badly treated (Article 39)
- The best health care possible, safe water to drink, nutritious food, a clean and safe environment (Article 24)
- A good education and encouragement to develop their talents and abilities (Articles 28 & 29)

All children under 18 have these rights, without discrimination (Articles 1 & 2)

Rights from the Start aims to increase dental professionals' awareness of children's rights and to encourage thinking what difference this makes when working with children. Children's rights are interdependent and indivisible, but here we highlight those of particular relevance to dental professionals.

Produced in 2023 by BSPD. Co-developed with support from the UK Committee for UNICEF UNICEF UK Child Friendly Cities and Communities programme. About to launch www.bspd.co.uk. See updated from United Nations High Commissioner for Human Rights, Convention on the Rights of the Child (Geneva, Switzerland, 1989). For full text see www.unicef.org/child-rights-convention.

British Society of Paediatric Dentistry | BDA | NSPCC | UNICEF UK

Image of the 'Rights from the Start' children's rights fact sheet for dental teams from the BSPD, supported by the BDA, NSPCC and UNICEF UK Child Friendly Cities and Communities programme. Cartoon by Harry Venning, www.harryvenning.co.uk. Available to download from www.bspd.co.uk/Rights-from-the-Start

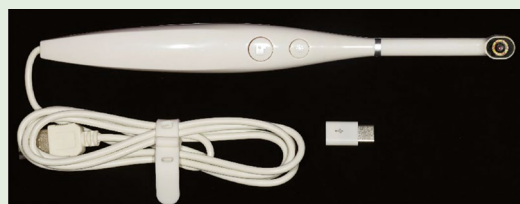
BDJ Open

Facilitating a dental disease screening program in prisoners using an intraoral camera in teledentistry

Santipat C, Kaewkamnerdpong I, Limpuangthip N. *BDJ Open* 2023; DOI: 10.1038/s41405-023-00145-9.

In this study, dentists in a prison in Thailand compared the results of a screening programme performed remotely with an intra-oral camera (IOC) and a traditional programme with examinations in the dental surgery. Remote screening

and consultations were often used in prisons and other settings during the COVID-19 pandemic, and these continue to have useful applications in certain circumstances. Studies such as these are



Intraoral camera used in teledentistry

useful in assessing the risks and benefits of this approach.

The authors concluded that 'IOC use in teledentistry facilitates dentists in dental diseases screening for prisoners with acceptable diagnostic accuracy in identifying possible treatment needs. However, the imaging obtained from teledentistry is not adequate to accurately identify all dental treatment needs.'

Check out the full Open Access article here: <https://www.nature.com/articles/s41405-023-00145-9>