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COVID-19 presents an opportunity for dental teams to become ready for person-centred care

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Abstract

Two publications that recently appeared in this journal mooted the position that dentistry may not be ready for person-centred care. This commentary takes up this discussion and agrees that while person-centred care is essential to dentistry, it is not without its challenges. Drawing on the multidisciplinary expertise of its authors (two sociologists, one psychologist and a dentist), the nature of these challenges is interrogated further. It also identifies opportunities for change on this position from within the literature as well as by clinical practice. We present evidence to suggest that the current pandemic has shown that dental teams are capable of rising to a challenge and adapting to change and in this light, we propose that the pandemic presents dental teams with an opportunity to be even more person-centred.

Main paper

Person-centred care (PCC) has been a concept that dentists, behavioural scientists working in dentistry and bodies regulating the dental team have increasingly been familiarising themselves with ^{1, 2, 3, 4, 5}. There have been numerous definitions of the concept with some of these arising from models explicitly applied to PCC in dental settings ^{1,2,3}. Key features of most models of PCC involve building a relationship with the patient based on trust, understanding the patient perspective and context, and providing sufficient information and tools to enable shared decision-making, where appropriate. So, PCC is an approach and a model of care where patients are supported to consider treatment options and to make informed choices⁶ within a process that considers the patient views, attitudes and beliefs rather than just the clinical problem at hand, with due consideration to the complexity of the patients' lives.

This complexity is present both anecdotally in clinical practice and in academic writing. Anecdotally, some dental team clinicians feel that whilst recognising the importance of asking patients open questions, this may prove problematic in terms of focussing the consultation and running to time. Academically, the complexity of person-centred care was recently discussed in this journal by Apelian et al.⁷ While acknowledging the importance of person-centredness as a philosophy of patient care, their research found that the practice of person-centred care presented many challenges to dentists. They reported that dental teams were generally disinterested in understanding the complexity of patients' lives, unless doing so protected them from litigation or was a means of encouraging the patient to accept a particular treatment option. Dentists contributing to this study were reported to believe that they did not possess the communication skills to engage in holistic conversations about patients' lives nor did the health system in which they worked, provide the opportunity to do so. These views were further supported by an observation that shared decision-making was only really permissible if the patient's decision was going to align with the dentist's recommendation; this finding has been reported previously ^{8,9}. The paper concludes that dentists and dentistry may not be 'ready' for patient-centred care and attributes much of this to the persistence of seeing

dentistry as an 'art' and the hegemony of a biomedical/disease-focused approach to dental education.

Their remedy for the conspicuous absence of the 'patient' from dentistry is to 'teach' social and behavioural sciences to dental students. However, Neville¹⁰ in her Letter to the Editor is critical of this solution. While the social and behavioural sciences offer much by way of illuminating the psycho-social realities of patients in all their diversity, the proposition that 'adding on' social and behavioural sciences to dental curricula automatically contributes to a shift to the values and ethos of PCC is, she argues, naïve at best. Dental educational research reveals the existence (and persistence) of a 'hidden curriculum' when healthcare and the patient experience are explored from a psychological and social perspective. Implicit and explicit knowledge hierarchies within dentistry means that dentistry and dental education prioritises biomedical knowledge over social science knowledge^{11, 12}. This hidden curriculum disadvantages prospective dentists and their patients because it means that 'disease' and 'curing' are prioritised over 'health' and 'helping'. As a result, dentist and patient needs can be in direct opposition. We know that patients value the mutual respect and understanding that a person-centred consultation offers^{13, 14} and at the same time we know that dentists often struggle with the concept of PCC². How do we reconcile such competing orientations to PCC? Although not a view directly suggested by Apelian et al⁷, one might ask whether a struggle with a concept is sufficient reason to consider abandoning promotion of PCC in dentistry, when it is simply based on the premise that dentists may just be "not ready" for change.

We propose that the reported situation in Quebec⁷ may not necessarily accord with the UK experience. In the UK, changes in the undergraduate curriculum¹⁵, and an increasing focus on patient reported experience measures within the NHS¹⁶ as well as consumerism within the private sector¹⁷ have placed PCC at the heart of consultations. Further, Apelian⁷ et al., refer to "*a rapidly changing society that is losing its confidence in the profession*", and although dentistry faces many challenges within the UK,

particularly at the present time, a loss of trust or confidence in the dental profession by the public does not appear to **dental teams to** be one of them¹⁴.

We therefore contend that steady progress is already being made in the UK within the PCC agenda, and we must continue to develop this further. Any suggestion of abandoning or reducing our commitment to PCC in dentistry, based on an assumption that dentists may not be ready for change, would be inappropriate and inadvisable, in our view. To this end, we present evidence to show that the thinking behind a reduction in emphasis on PCC is flawed, idealistically, practically and in relation to professionalism.

The Idealism side of the argument

In terms of idealism, we would invite readers to imagine that a novel technique was invented for bonding crowns or bridges. Imagine the technique was more efficient, patients preferred it, but the evidence base for the treatment was only recently available. Next, imagine that the standard-setting bodies in dentistry endorsed this treatment as “best practice”. Would it be conceivable that dentists would not be expected to use it because “they were not ready for it”? Of course not. On the contrary, where a novel technique required new technical skills we would advocate and promote training of the dental team to ensure utilisation of this new technique, proficiently and quickly. In fact, ‘continuous improvement’ is central to dental professionalism¹⁹ and inherent in the requirement for ongoing CPD. It is deemed unprofessional for dentists not to update themselves on how to engage with new techniques and skills. Active engagement in CPD has a number of key drivers, which may include fulfilment of regulatory requirements or acquisition of new skills and knowledge in order to advance personal and professional development. The drivers may be related to compliance, personal ambition, professional fulfilment or peer engagement. There is also a commercial driver which is likely to be particularly relevant within general dental practice, where adoption of the latest technology and advances in dentistry can be used

to promote the practice as “cutting-edge” within the competitive world of high street private dentistry.

We do wonder then, why PCC is not afforded a similar reaction as would a novel dentistry technique? Why is PCC considered too tricky to deliver, when any new dental procedure is likely to be as difficult to learn? The suggestion that PCC is not adopted because dentists are somehow incapable of learning new skills goes against their training and purpose and is risible.

The practical side of the argument

From a practical point of view, we argue that the idea that dentists are somehow not ready for change also goes against the current evidence. The COVID-19 pandemic and the impact this has had on how dental teams work has been unprecedented. Human society, and dentistry, have had to rapidly adapt to the unfolding humanitarian and health crisis. For dentistry, COVID-19 has presented a succession of challenges, from the closure of services in the first UK lockdown (March 2020), to the much politicalized scramble for appropriate personal protective equipment (PPE), and the rapid assessment of risk of aerosol generating procedures (AGP) to ensure the safety of patients and staff^{20, 21, 22, 23}. Dental teams have had to engage with, and respond to, substantial worries about delivering dentistry during a pandemic²⁴. These challenges have resulted in a massive backlog in treatments and thrown into sharp focus the uneven distribution of NHS dental services and the barriers of access to dentistry for many groups^{25, 26} in the UK. While these structural issues pre-date COVID-19, the current crisis of patient access has put the issue of patient care firmly back on the agenda. NHS dentistry is destined to undergo significant change in the immediate future, and the dental profession will undoubtedly be asked to adapt their working practices and philosophies and embrace new ways of working.

The professionalism side of the argument

Dentists function in an increasingly consumerist environment, with a focus on patient feedback and customer care. It would therefore seem implausible that the concept of PCC would not resonate with the profession, when the benefits for patients, clinicians and the entire dental team, **including reducing the chance of patient litigation**, are so apparent. The recent lockdowns of dental services created a particular challenge in terms of professional delivery of care, with a shift to remote triage and prioritisation of urgent and emergency care. There has been a return to face-to-face care, but access is limited, demand remains high and a significant level of anxiety continues to exist in relation to the pandemic. NHS England have promoted the continued use of remote consultation to address some of these concerns. The dental profession have actively and professionally embraced this opportunity, transferring our new-found penchant for videoconferencing into the dental clinic to support remote patient engagement²⁷. Whilst, prior to the COVID pandemic, the idea of delivering dentistry online was still in its infancy and the dental profession may have been deemed slow to embrace existing digital technology to allow remote consultation, there is now emerging evidence²⁷ that dental teams and patients alike have embraced online consultations. The likelihood is, that this trend will continue even after the risk from COVID is removed.

Person-centred care post the pandemic- an opportunity to grow

In this type of triage situation what does person-centred care even look like? And can we deliver PCC in a time of upheaval and uncertainty? We maintain that while this current crisis presents an array of challenges to the delivery of care, it becomes even more important that the principles of PCC are put into practice. Even during these extremely challenging times for dentistry, our patients want and demand their needs be addressed. A failure to look beyond symptoms of the person in need of care, risks storing up even more problems for the future. Patients and members of the dental team have been under intolerable stress and pressure, and in such circumstances, tolerance can be low and sensitivities high. Empathy, understanding, connection and

communication are key, and we would assert that PCC has never been more important than it is at the present time.

Current evidence suggests that dental teams have risen to the challenge presented by the pandemic. Indeed, despite the stress and pressure of the past year, they appear to have the physical and psychological capability to take on pandemic-initiated changes and adapt their practice to ensure that it is COVID-compliant²⁴. Dental teams have had to make changes to the care they provide, the way they communicate and how they interact with patients. Some preliminary evidence suggests that despite concerns about online dentistry, dental teams have taken on the task and excelled at it, positively impacting patient satisfaction and allaying patient concerns²⁷.

Given then, that dental teams have lived up to the challenge of delivering dentistry during a pandemic, what more evidence would one need before concluding that the idea that dentistry “*is an art*”⁷ (p.133) that “... *focuses on manual skills and technical procedures that may not favour person-centredness*”⁷ (p.136) is perhaps unsupported? Dental teams seem perfectly capable of moving from a “*techne*”⁷ (p.136) to delivering care through discussion and from a distance²⁷. Dental teams have risen to the practical challenge of COVID-19 with drive and determination, and the key values of PCC have been critical factors in restoration of dental services in the UK. **While the additional emotional and psychological impact of living through and providing care in a pandemic may affect the dental team’s resilience in engaging with patients, a lack of ability to adopt values of PCC is clearly not a reported issue.** The dental profession now need to expand this, ensuring members of the public are aware that they can still access care if needed and this can be supported through remote consultations and crucially by adopting a person centred approach to allay fears and ensure continuity of care. Remote consultation may have limitations in terms of social interaction and engagement, but it can be used effectively to offer choice for patients, efficiency for the dental team and safe care during a pandemic. The additional benefits in relation to environmental sustainability, should not be overlooked, as we aim to reduce travel²⁸ to offset the carbon footprint created by increased usage and disposal of PPE²⁹.

Dentistry has faced many challenges during the pandemic, and as a consequence has had to adapt and respond to an unprecedented situation. Members of the dental profession have been exposed to high levels of stress, which have been financial, emotional and psychological. Despite the difficult circumstances, many positives will emerge including new ways of working, which is hoped will lead to improved patient care and better working conditions for the dental team.

Albert Einstein is attributed with the quote “*in the midst of every crisis, lies an opportunity*”. We believe, this is an ideal time to embrace person-centred care as we build for the future and work towards transformational change in dentistry. **To do this, PCC should be a central part of dental education providing an overview of the theoretical and evidence-based underpinnings of the concept along with practical guidance on how to practice in a person- centred way.** Patient safety and clinical effectiveness have come under close scrutiny during the pandemic, and will undoubtedly lead to changes across healthcare, including dentistry. We believe patient experience is equally important, and now is the time for change.

Declaration of Interests

None to declare

Author Contributions

KA drafted the paper and all four authors commented on and edited revised versions prior to submitting for publication.

References

1. Scambler S, Asimakopoulou K. A model of patient-centred care – turning good practice into patient-centred care. *Br Dent J* 2014; **217**: 225-228.
2. Asimakopoulou K, Gupta A, Scambler S. Patient-Centred Care – barriers and opportunities in the dental surgery. *Community Dent Oral Epidemiol* 2014; **42**: 603-610.
3. Mills I J. A Person-Centred Approach to Holistic Assessment. *Prim Dent J.* 2017; **6**: 18-23.
4. Lee, H., et al. (2018). "Person-centered care model in dentistry." *BMC Oral Health* **18**(1): 198.
5. Apelian, N., Vergnes JN, Hovey R, Bedos C (2017). "How can we provide person-centred dental care?" *Br Dent J* **223**(6): 419-424
6. Elwyn G, Coulter A, Laitner S, Walker E, Watson P, Thomson R. Implementing shared decision making in the NHS. *BMJ* 2010; **341**: c5146.
7. Apelian N, Vergnes JN, Hovey R, Bedos C. Is the dental profession ready for person-centred care? *Br Dent J* 2020; **229**: 133-137.
8. Scambler S, Gupta A, Asimakopoulou K. Patient-Centred Care – What is it and how is it practiced in the dental surgery? *Health Expect* 2015; **18**: 2459-2558.
9. Alrawiai S, Asimakopoulou K, Scambler S. Dentists' perceptions of a practical model of patient-centred care: providing information and choice in a dental consultation. *Psychol Health Med* 2019; **24**:1090-1099
10. Neville P. What matters to you? *Br Dent J* 2020; **229**:760
11. Neville P, Waylen A. Why UK dental education should take a greater interest in the behavioural and social sciences. *Br Dent J* 2019, **227**: 667-670.
12. Neville P, Zahra J, Pilch K, Jayawardena D, Waylen A. The behavioural and social sciences as hidden curriculum in UK dental education. *Euro J Dent Educ* 2019, **23**: 461-470.
13. Mills I, Frost J, Kay E, Moles DR. Person-centred_care in dentistry--the patients' perspective. *Br Dent J* 2015; **218**: 407-412
14. Mills I J. Through the patient's eyes – the importance of person-centred care in oral cancer. *Br Dent J.* 2018; **225**: 889–891
15. McHarg J, Kay EJ. The anatomy of a new dental curriculum. *Br Dent J* 2008; **204**: 635-638.
16. NHS Patient Experience Framework. London: Department of Health and Social Care, 2012. Online information available at <https://www.gov.uk/government/publications/nhs-patient-experience-framework> (accessed February 2021)
17. Rattan, R. Quality Matters: *From Clinical Care to Customer Service*. London: Quintessence Publishing Co Ltd, 2006.
18. General Dental Council. COVID-19 and dentistry: Survey of the UK public. 2020. Online information available at: <https://www.gdc-uk.org/about-us/what-we-do/research/our-research-library/detail/report/covid-19-and-dentistry-survey-of-the-uk-public> (accessed February 2021).
19. Trathen A, Gallagher J E. Dental professionalism: definitions and debate. *Br Dent J.* 2009; **206**:249-253.
20. Blackhall KK, Downie IP, Walsh S, et al. Comparison of Provision of Maxillofacial Emergency Service During the Two COVID-19 National Lockdowns in the United Kingdom *Br J Oral Maxillofac Surg.* 2020; doi:10.1016/j.bjoms.2020.12.016
21. Faculty of General Dental Practice and British Psychological Society Division of Health Psychology. Dentistry during COVID-19: Psychological advice for dental teams, policy makers, and communicators. 2020. Online information available from

- <https://www.fgdp.org.uk/news/fgdp-and-cgdent-publish-bps-psychological-advice-dental-teams>, (Accessed February 2021).
22. Faculty of General Dental Practice and College of General Dentistry. Implications of COVID-19 for the safe management of general dental practice - a practical guide. 2020. Online information available from <https://www.fgdp.org.uk/implications-covid-19-safe-management-general-dental-practice-practical-guide> (Accessed February 2021).
 23. Scottish Dental Clinical Effectiveness Programme. COVID-19: Practice Recovery. 2020. Online information available from: <https://www.sdcep.org.uk/published-guidance/covid-19-practice-recovery/>. (Accessed February 2021).
 24. Nibali L, Ide M, Ng D, Buontempo Z, Clayton Y, Asimakopoulou K. The perceived impact of Covid-19 on periodontal practice in the United Kingdom: A questionnaire study. *J Dent* 2020; **102**: doi: 10.1016/j.jdent.2020.103481.
 25. Haynes, C. 16 November 2020. Coronavirus: Dentists warn millions of treatments have been missed. BBC News. Online information available from <https://www.bbc.co.uk/news/health-54933313>. (Accessed February 2021)
 26. Woods, C. 11 Sept 2020. Coronavirus: Dentists 'firefighting' to deal with backlog BBC News. Online information available from <https://www.bbc.co.uk/news/uk-wales-54102615>. (Accessed February 2021)
 27. Menhadji, P., Patel, R., Asimakopoulou, K., Quinn, B., Khoshkhounejad, G, Pasha, P, Garcia Sanchez, R., Ide, M, Kalsi, P., Nibali, L (*under review, Br Dent J*) Patients' and dentists' perceptions of Tele-Dentistry at the time of COVID-19. A questionnaire-based study
 28. Duane, B., Steinbach, I., Ramasubbu, D. *et al.* Environmental sustainability and travel within the dental practice. *Br Dent J* 2019; **226**: 525–530.
 29. R, Grose J, Manzi S, Mills I, Moles D, Mukonoweshuro, R, Nasser M and Nichols A. What's in a bin: A case study of dental clinical waste composition and potential greenhouse gas emission savings. *Br Dent J* 2016; **220**: 61-66.