Oral health care service delivery in schools for special needs in eThekwini District, KwaZulu-Natal

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ABSTRACT
Introduction
Caries and gingival disease are prevalent oral health issues affecting more than 80% of school-going children including those with special needs attending special schools. Schools play a crucial role in promoting oral health, providing education and identifying issues early. These school-based health programmes are essential for addressing these issues and can reach more than 1 billion children worldwide, as well as school staff, families and the community.

Aims and objectives
To determine the current delivery of oral health care programmes in the identified special schools by means of a semi-structured interview with school managers.

Design
A descriptive qualitative study design.

Methods
All school managers (principals) who were responsible for the facilitation of the implementation and delivery of oral health services in each of the 22 special schools were invited to participate in the study. Purposive sampling was used to select the managers at the various special schools. Data collection comprised face-to-face, semi-structured interviews to explore the specific provision of oral health services in each of the 22 special schools were

Results
Six emergent themes were present in the study: oral health activities, implementation and evaluation process, implementation challenges, policy content perceptions, dental examinations and oral health prevalence in special schools. Oral hygiene was identified as a priority, with educators and school nurses responsible for school oral health education, supervised teeth brushing programme, pain management, oral examinations in some cases and referral for dental treatments through engaging parents, learners and health workers in oral health promotion, which was supported by the school’s health policy with the departmental heads responsible for programme evaluation. However, the implementation of the programmes was impacted by five factors: lack of parental support, lack of professional guidance, lack of resources, lack of support from the oral health department and the Covid-19 pandemic further exacerbated these challenges.

Conclusion
The study reveals that special schools have preventative and promotive oral health programmes, but they need therapeutic or curative services to address unmet treatment needs. Factors affecting these programmes have led to gaps in implementation processes. Together, these findings point to an urgent need for a review of oral health care programmes in KwaZulu-Natal special schools to ensure proper support and collaboration between key stakeholders to reduce negative effects and improve overall oral health programmes.

INTRODUCTION
Every day, learners with special needs deal with the negative effects of each of their unique disabilities, including the manner in which these effects impact their oral health.1 The South African National Oral Health Policy, which presents measures to address learners’ oral health needs in school settings, the Integrated School Health Policy document (2012) and the School Health Policy and Implementation Guidelines (2011) all suggest that learners’ oral health needs are to be identified and addressed through targeted services offered to specific age groups.2 6 These include oral health screening, fissure sealant placement on permanent molar teeth, fluoride varnish treatments and the administration of Atraumatic Restorative Technique (ART).7

Oral health-related problems, namely caries and gingival disease, are among the most widespread conditions in the human population, affecting more than 80% of school-going children. This has been noted in the special schools as well. A study conducted in Turkey reported 84% of decayed teeth among individuals with disabilities. This increases the oral hygiene status of participants was poor, with heavy plaque accumulation found in approximately one in three subjects. The results reported that people with intellectual disabilities...
had poorer oral health. This included greater numbers of tooth extractions, more caries, fewer fillings, greater gingival inflammation, greater rates of edentulism, had less preventative dentistry and poorer access to services when compared to the general population.19 According to a study conducted on children with special health care needs in Ile-Ife, Nigeria, the majority of the decayed teeth were left untreated and 49.0% had progressed to involve the pulp.11 Contrary to these findings, a study conducted in Johannesburg, South Africa (SA) reported that children with special health care needs had lower caries prevalence compared with the general population. However, they also had higher untreated treatment needs regardless of their type of disability.12

Many oral health conditions are preventable and reversible in their early stages.13 However, there is a lack of reported awareness among learners, parents, caregivers and educators on the causes and prevention of oral disease (particularly in people with special needs). The disability also makes most of these individuals dependent on parents, siblings and caregivers for general care as well as oral hygiene, especially among the young, severely impaired and institutionalised.14 Most of these caregivers may not have the necessary knowledge to recognise the importance of oral hygiene and proper diet. This lack of knowledge may result in these individuals being pampered with unhealthy food or cariogenic snacks, eventually disregarding oral hygiene practices and failing to seek necessary oral care as recommended.15 There are 1,179 schools in SA of which 464 (40%) are special needs schools and 14% (64) of those special schools are located in KwaZulu-Natal.16 Schools are one of the important settings for oral health promotion, oral health education and early identification of oral health-related issues. Schools can reach more than 1 billion children worldwide – this could also involve the school staff, families as well as the community at large.3 This is normally accomplished through school-based health programmes. SA has recognised the value of school-based interventions that include oral health initiatives.17 However, the evidence is lesser in special schools.

This iterates the need for preventive measures and improved access and availability of oral health clinical care for children with special needs.18 The school environment is capable of carrying out combined preventive and promotive oral health programmes provided these are adequately funded with sufficient resources.17 Therefore, there should be an emphasis on appropriate oral health promotion activities for individuals with special needs. Such activities could include improving the health literacy and quality of care to caregivers, and providing the dental team with specialised training related to special needs dentistry.15 The school environment as part of the health promotion settings approach, therefore, requires further interrogation to determine the viability of offering such services.

This study is part of a bigger study which aims to determine oral health needs for school-going children with disabilities in KwaZulu-Natal eThekwini district. This will be achieved through a systematic collection of commonly occurring oral health-related epidemiological data, as well as by implementing and evaluating an oral health promotion intervention in selected schools, so as to inform a framework for oral health care for children with special needs. However, the objective of this paper was to determine the current delivery of oral health care programmes in the identified schools by means of a semi-structured interview with school managers. This was conducted to assess the extent to which oral health care programmes are implemented and evaluated within the special needs schools located in eThekwini district. The study concentrated on these four major categories: Oral health policy, oral health programmes, contextual variables influencing oral health promotion and prevalence of oral conditions.

METHODS AND MATERIALS

Study design
An exploratory study design was used for the qualitative data collection of this study.

Setting
Participants in this study were school managers (principals) chosen from a community of special schools in the eThekwini district, KwaZulu-Natal (KZN), South Africa.

Study participants
All school principals were invited to participate in the study. These managers were responsible for the facilitation of the implementation and delivery of oral health services in each of the 22 special schools that gave consent to participate in the study.

Study size
Purposive sampling was used to select the managers at the various special schools. The inclusion criteria included all identified school principals who had been at least employed in the identified special school for a minimum period of one year in order for them to have a clear understanding of how the school runs (n=22).

Ethical consideration
The study was approved by the University of KwaZulu-Natal’s Biomedical Research Ethics Committee (BREC000003814/2022) and ethical procedures were followed to protect data confidentiality. The KZN Department of Education granted the gatekeeper permission to access the study participants.

Data sources/measurement
Data collection comprised a face-to-face, semi-structured interview with 22 principals who volunteered to participate in the study; one interview was conducted per school. The purpose of the interview was to explore specific oral health priorities of the facilities’ provision of health interventions, screening programmes for oral disease identification, policy statements on oral health care, integration of oral health into general healthcare within the primary healthcare (PHC) system and the dietary practice at school. The interview schedule included questions such as: Does the special school have a comprehensive oral health promotion programme? If yes, who is responsible for its implementation? How do budgets affect the implementation and sustainability of the programme? List all oral health services and oral health promotion provided by the facility. Which methods are used to evaluate your oral health promotion programmes? The questions also include further probes such as: What evidence is available in terms of statistical annual reports or
records to prove or support that oral health programmes are included and implemented in the school? and What are the barriers and challenges facing the staff in implementing oral health promotion? which were used to obtain responses in knowledge and comprehension.

For the data collection procedure, interviews were conducted with the identified school principals as per their choice and availability. Informed consent was obtained from all participants before the interview commenced. The audio recording was only done when permission was obtained from the interviewee and after all issues of confidentiality were explained. The researcher was engaging with participants by impartially presenting questions, while paying close attention to participants’ responses, for approximately 30 minutes in duration, from August to September 2022. Field notes were made after the interviews.

Data analysis
Thematic analysis was used to analyse the qualitative data, the analysis was inductive. Responses from interviews were transcribed verbatim and checked for quality. The initial set of codes representing the meaning and patterns were refined and coded. Links were formed between the codes and supporting data, codes were further grouped into themes and the themes were reviewed and revised. The conclusions drawn from the analysed data and the results were then presented as a narrative. The data analysis process was conducted in four stages – finding initial concepts, coding the data, sorting the data by theme and interpreting the data. Trustworthiness was created by ensuring that the questions asked of interviewees were closely related to the study's purpose. Data saturation occurred during the first 11 interviews, despite the fact that the fundamental components of the meta themes were already present in the first five interviews. Confirmability was established by using actual quotes to convey the opinions of participants. Individual member checking was done through one-on-one conversation verbally throughout the interviews. Techniques such as paraphrasing and summarisation were used to clarify participants’ answers. An email was then sent after the interviews were transcribed, asking for feedback on themes from the participants.

RESULTS
Based on the three groups of interview questions, six themes were developed from the data. The first group focused on oral health programmes, which included three themes: (1) oral health priorities, (2) oral health activities, (3) implementation and evaluation process. These themes highlighted the current oral health programmes offered by special schools as part of oral health education and promotion, by describing the contributions and challenges encountered by schools when raising health awareness to prevent oral conditions and assisting learners in developing oral health care skills, as it involves parents, educators, health workers and the health department. The second group focused on oral health policy, with one theme – perceptions of policy content. This theme analysed policy contributions in oral health, based on the existing oral health policy, policy implementation and policy evaluation. The final group was the oral conditions, which included two themes – dental examinations and prevalence of oral conditions, which highlighted the current state of oral health conditions among learners with special needs attending special schools in KZN.

<table>
<thead>
<tr>
<th>Groups</th>
<th>Themes</th>
<th>Codes</th>
<th>Illustrative quotes</th>
</tr>
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<tbody>
<tr>
<td>Oral conditions</td>
<td>Dental examinations</td>
<td>Examination</td>
<td>No, our nurse mostly addresses oral health complaints once there is pain and refers for additional testing and care, so we are reactive in a sense. However, without access to regular check-ups etc, it is difficult to know what interventions are needed (P3). Yes, since we have routine monthly check-ups to assess their general oral health and medication review (P1&amp;5).</td>
</tr>
<tr>
<td></td>
<td>Prevalence of oral conditions</td>
<td>Estimation of conditions</td>
<td>There is generally a relatively moderate prevalence of caries, and low prevalence of periodontitis and gingivitis (P1&amp;5).</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Evidence or oral conditions</td>
<td>All this data is kept by the school sister (medical staff) in each student’s health file (P1&amp;5).</td>
</tr>
<tr>
<td>Oral health programmes</td>
<td>Oral health priorities</td>
<td>Oral health priorities</td>
<td>Oral hygiene</td>
</tr>
<tr>
<td>Oral health activities</td>
<td>Oral health promotion programmes</td>
<td>Staff responsible for implementation</td>
<td>Yes, tooth brushing programme, oral health education lessons including dietary advice and monthly mouth check-ups (P1). Yes, tooth brushing programme, oral health education lessons (P3). Educators, together with their assistants (P3). Medical staff (professional nurse, speech therapist (P1).</td>
</tr>
<tr>
<td></td>
<td>Evidence of oral promotion programmes</td>
<td></td>
<td>Yes, teacher lesson plan (P3) and curriculum (P2). Professional nurse monthly record together with the health file of the learner (P1).</td>
</tr>
<tr>
<td></td>
<td>Evaluation of oral health programmes</td>
<td></td>
<td>Quality management programmes, assessment worksheets (P1&amp;11). Departmental heads (P1).</td>
</tr>
<tr>
<td></td>
<td>Is the programme working?</td>
<td></td>
<td>Yes – the oral health status of students has improved from the time they initially come to the school and we can identify caries early now (P1).</td>
</tr>
</tbody>
</table>
Parents who don’t teach their kids to brush their teeth or continue what was learnt in school (P1,2&11). Little professional guidance in terms of oral health needs of learners and interventions needed (P3).

It is lacking, City Health used to do many years ago but there is nothing we are getting currently (P1).

Yes, they are not allowed to serve unhealthy food (P2).

Time due to curriculum demands (P4), inadequate facilities, tools, resources and finances (P5,8&10).

Covid-19 has placed a hold on the implementation of programmes (P6).

Parents do provide the resources that cost money, like toothpaste and toothbrushes, for their kids, so the school only pays the water bill (P1). Lack of funds makes it impossible to go on with toothbrushing programmes, since we lack resources like toothpaste and toothbrushes. We are fully dependent on donations from companies like Colgate (P2).

The staff all had little to no professional guidance in terms of oral health needs of learners.

Yes, because when teachers come in, they are not aware that they need to teach students how to brush (P2).

Yes – we need a more proactive approach and support from the oral health department and companies like Colgate, especially with resources and education and dental screenings through oral health care workers visiting the school on a regular basis (P3).

ORAL HEALTH PROGRAMMES
Theme 1: Oral health priorities
Many interviewees stated that oral hygiene was a priority in their schools. This was addressed in a variety of ways by educators’ efforts to promote learners’ oral health, including: providing oral health education and dietary advice in the health education lesson or life skills lesson, supervised tooth brushing programme, in which educators frequently check that learners have brushed their teeth in the morning, after meals and before going to bed for those who are boarding. Pain management and oral examination was only offered by a few schools.

Please provide oral health priorities that your oral health care programme addresses in the school.

Oral hygiene and oral health education

Are there any oral health services or oral health promotion programmes that are provided by the school to meet the oral health priorities? If yes, please list them.

Yes, Tooth brushing programme – teachers check that learners have brushed their teeth in the morning, after meals and before going to bed. Oral health education lessons including dietary advice and monthly mouth check-ups (P1).

Yes, Tooth brushing programme and oral health education lessons (P3).
Theme 2: Oral health activities
The implementation of actual oral health activities was carried out by the educators and educators’ assistants in the classrooms with the help of school nurses, although not all schools had nurses. They gave information on the causes and prevention of oral diseases as well as skills training to prepare learners to practise good oral hygiene care. To discourage learners from developing eating habits that lead to oral disorders, they also offered information about the side effects of oral diseases, such as pain and cavities. The evidence to support this was the educators’ lesson plan and curriculum. Food service providers were also not permitted to serve unhealthy food as they are required to present a menu of the food that they serve. Quality management programmes with the use of assessment worksheets were the tools used by the departmental heads to evaluate the oral health care programmes.

What category of staff is responsible for implementing oral health programmes at the school? Please explain your response.
Educators, together with their assistants (P3). Medical staff (professional nurse, speech therapist) (P1).

Is there any evidence to support your statement that oral health programmes are included and implemented in your programme? Please indicate yes or no and substantiate on your answer.
Yes, educator’s lesson plan (P3) and curriculum (P2). Professional nurse’s monthly record together with the health file of the learner (P1).

Are the food service providers aware of their role in promoting oral health?
Yes, they are not allowed to serve unhealthy food (P2). They have to provide the menu of the food they will serve to students (P1).

Name the tools that are used to evaluate these oral health programmes. And who is involved in the evaluation of these programmes?
Quality management programmes, assessment worksheets (P1&11). Departmental heads (P1).

Theme 3: Implementation challenges
The implementation of the programme was impacted by five factors: lack of parental support, lack of professional guidance, lack of educators’ training, lack of resources and lack of support from the oral health department. The Covid–19 pandemic further exacerbated these challenges. These factors influenced the programme’s implementation in various ways, either directly or indirectly.

Parents were key actors when it came to learners referred for further treatment. However, the principals mentioned a potential disadvantage of this open method is that some parents are hesitant to take their children to oral health care facilities for treatment. Some parents did not even teach their kids to brush their teeth at home or continue what was learnt in school.

What are the barriers, challenges and strengths facing the staff in implementation of these activities or programmes?
Parents who do not take their children to a dentist after a referral letter is sent home (P3). Parents who don’t teach their kids to brush their teeth or continue what was learnt in school (P1,2&11).

The participants reported a lack of professional guidance and teacher training in terms of oral health needs and interventions needed.

What are the barriers, challenges and strengths facing the staff in implementation of these activities or programmes?
Little professional guidance in terms of oral health needs of learners and interventions needed (P3).

Do you think oral health promotion should be included in your training as educators employed in this institution?
Yes, because when teachers come in they are not aware that they need to teach students how to brush (P2).

The participants reported a lack of support from the oral health department and non-government oral health organisations such as Colgate, who used to visit schools with mobile clinics and provide oral health education, dental examinations and, occasionally, treatment. This usually helped teachers because they knew where to refer students and who to ask for professional guidance.

Is there support from the department of health with regard to the delivery of dental services in schools?
It is lacking, City Health used to do many years ago but there is nothing we are getting currently (P1).
The participants reported a lack of professional guidance and teacher training in terms of oral health needs and interventions needed.

| What are the barriers, challenges and strengths facing the staff in implementation of these activities or programmes? | Little professional guidance in terms of oral health needs of learners and interventions needed (P3). |
| Do you think oral health promotion should be included in your training as educators employed in this institution? | Yes, because when teachers come in they are not aware that they need to teach students how to brush (P2). |

The participants reported a lack of support from the oral health department and non-government oral health organisations such as Colgate, who used to visit schools with mobile clinics and provide oral health education, dental examinations and, occasionally, treatment. This usually helped teachers because they knew where to refer students and who to ask for professional guidance.

| Is there support from the department of health with regard to the delivery of dental services in schools? | It is lacking, City Health used to do many years ago but there is nothing we are getting currently (P1). |

The Covid-19 pandemic has changed the way teachers contribute to oral health promotion activities in schools, limiting interactions between children, educators and the community. These measures include limiting the number of oral health education sessions, school days and health assessments, and restricting other healthcare stakeholders from accessing school premises.

| What are the barriers, challenges and strengths facing the staff in implementation of these activities or programmes? | Covid-19 has placed a hold on the implementation of programmes (P6). |

Despite the fact that students’ oral health has improved since they first enrolled in the schools, these implementation challenges reveal a clear need for adjustments in several areas. To enhance the oral health status of students, a more proactive strategy with complete stakeholder engagement is required, as alluded to by the interviewers.

| Do you think there is room for improvement in your oral health promotion programmes? Please explain. | Yes – we need a more proactive approach and support from the oral health department and companies like Colgate, especially with resources and education and dental screenings through oral health care workers visiting the school on a regular basis (P3). |

In your opinion, have the identified oral health promotion programmes in your institution been successful in contributing to improved oral health of the students? What evidence do you have to support your statement? Please explain.

| In your opinion, have the identified oral health promotion programmes in your institution been successful in contributing to improved oral health of the students? What evidence do you have to support your statement? Please explain. | Yes – the oral health status of students has improved from the time they initially come to the school and we can identify caries early now (P1). |
### POLICY

**Theme 4: Perceptions of policy content**

Interviewees agreed that schools don’t have a separate oral health policy, but rather it is integrated into other health policies. The improvement of oral health through programmes with oral health departments, appropriate tooth brushing twice daily and oral health education as part of the school curriculum were among the main oral health policy objectives that were highlighted. These existing policies are currently implemented and have improved the oral health status of students, while the lack of implementation will deteriorate the oral health status of the learners. The department of education evaluates these policies and no tools were specified.

<table>
<thead>
<tr>
<th>Does your policy statement mention improvements in oral health as one of your programme’s health goals?</th>
<th>No, we don’t have a policy as such – we are guided by the health and safety policy (P1). Yes, we do have a health policy which includes oral health as well (P2).</th>
</tr>
</thead>
<tbody>
<tr>
<td>List any operational oral health policy objectives which have been set by your institution with respect to the oral health status of the learners in the school.</td>
<td>1) To enhance oral health through programmes with oral health departments. 2) Proper brushing of teeth twice a day. 3) Oral health education as part of our curriculum (P1).</td>
</tr>
<tr>
<td>Have these oral health policies been implemented in the school? Please explain.</td>
<td>Yes, the health and safety policy is currently implemented at the school, but not a specific oral health policy.</td>
</tr>
<tr>
<td>What effect do you think the implementation or lack of implementation has on students’ oral health?</td>
<td>Definitely the implementation will improve the oral health status of students and the lack of implementation will not improve the oral health status of the students.</td>
</tr>
<tr>
<td>Name the tools that are used to evaluate these oral health policy objectives. Please explain.</td>
<td>This is done by the department of education</td>
</tr>
</tbody>
</table>

### ORAL HEALTH CONDITIONS

**Theme 5: Dental examinations**

The majority of interviewees stated that no oral examinations were conducted in their schools; rather, a student’s complaint would prompt a check-up and referral to an outside public health facility for oral health investigation, diagnosis and treatment. Some interviewees, however, stated that their schools were active in the assessment, management and monitoring of learners’ health. The school nurse would conduct routine health inspections once a month in the nurse’s room. During these health inspections, the nurse performs a visual inspection of the learners, including their mouths, and also checks the medication of those learners who receive treatment while at school. When concerns with a learner’s dental health were discovered, the nurse made the decision to supply a form of management at school or refer them to an oral health institution. At school, the most prevalent therapy was basic pain alleviation with medicine. Nurses referred more complex cases to local oral health clinics by writing the condition in the communication book or calling the parents to inform them. Plans for continued care of oral issues have been informed through the health inspections, including alerting parents of their children’s oral health status and providing guidance to learners on basic oral hygiene.

| One of the most important elements in oral health promotion is screening. Do any of your programmes address this aspect during oral health promotion? Please explain. | No, Our nurse mostly addresses oral health complaints once there is pain and refer for additional testing and care. So, we are reactive in a sense. However, without access to regular check-ups etc it is difficult to know what interventions are needed (P3). Yes, since we have routine monthly check-up to assess their general and oral health and medication review (P1&5). |
Theme 6: Prevalence of oral conditions

Interviewers from schools that provide oral examinations agreed there was generally low to moderate dental caries prevalence and low prevalence of periodontitis, gingivitis and oral lesions. Medical records of learners kept by the schools were the only epidemiological evidence available to corroborate the prevalence of oral diseases at the schools.

Please estimate or respond according to available information (if any) on the prevalence of the oral conditions in your school.

There is generally a relatively moderate prevalence of caries, and low prevalence of periodontitis and gingivitis (P1&5).

All this data is kept by the school sister (medical staff) in each student’s health file (P1&5).

DISCUSSION

This study revealed that certain critical components of health-promoting schools (HPS) were in place, such as school health education, a healthy school environment, a social environment, community relationships, nutrition and food services.2 Leaving out one of the key components of the HPS, the school health services, since oral health services were not necessarily provided on the school premises, revealing a gap in unmet treatment needs. This is similar to what is reported in the Integrated School Health Programme (ISHP) which states that the health services package for the ISHP includes a significant component of health education for each of the four school phases, health screening (such as screening for vision, hearing, oral health and TB) and onsite services such as deworming and immunisation.20 This leaves out the provision of oral services and the only exception is documented on the integrated school oral health policy where oral health services are stated to be provided in the foundation phase (when available).5 Each of these components provides numerous opportunities to address oral health concerns and it is critical that these initiatives are supported by school health policies.21 As the study participants stated, schools do not have a separate oral health policy; rather, it is integrated into other school health policies that are implemented. This is consistent with the results of a study conducted on health-promoting schools which state that a policy can be established to handle a particular issue, but it may be advantageous to address multiple risk factors in a single policy.3

This study found that each school was in charge of facilitating oral health care programmes, as it was stated that oral hygiene was prioritised in schools and addressed through providing oral health education, dietary advice and supervised tooth brushing programmes in the health education lesson or life skills lesson, as skills training to prepare learners to practice good oral hygiene care, reducing oral condition and improve oral health status. These results are similar to that of a systematic review on the effectiveness of oral health education programmes which revealed that oral health education programmes are given in the form of instructions, demonstration of oral hygiene practices, group discussions and lectures.23 The school principals further stated that educators were the people responsible for implementing the oral health programme, which is consistent with the results of a study conducted in Bhopal, India, where educators were suggested and made responsible for the implementation of oral health programmes.24

These schools’ oral health programmes were geared more toward a preventive care approach rather than a therapeutic or curative care approach. The majority of interviewees stated that no oral examinations were conducted in their schools; rather, a student’s complaint would prompt a check-up, pain management and a referral to an outside public health facility for oral health investigation, diagnosis and treatment. This is contrary to what was specified in the Integrated School Health Policy which emphasises providing health services over screening and referral in schools, with a commitment to expanding services over time, including mechanisms for ensuring additional services are provided for learners assessed as needing them.5 Furthermore, other studies on the effectiveness of oral health education programmes revealed that they include preventive and therapeutic interventions in addition to oral health education.23

The implementation of school-based oral health promotion programmes in this study has been impacted by factors such as lack of parental support, professional guidance, teacher training, resources and support from the oral health department. The Covid-19 pandemic has further exacerbated these challenges. This is consistent with the Integrated School Health Policy, which identifies the suboptimal provision of school health services due to factors such as insufficient collaboration between the Department of Health and Education (DOH) and Department of Education (DBE), inequitable resource distribution, competition for limited resources, the demand for curative services over preventive and promotive services and poor data management, which also impacts reporting of school health services.5 Furthermore, in Tshwane, South Africa, research revealed a mismatch between policy and practice, with poor prior planning, insufficient funding, poor school facilities and a lack of cooperation from key stakeholders.7

STRENGTHS AND LIMITATIONS

The current study provided a good understanding of oral health care service delivery in special needs schools in eThekwini District, KZN. However, several limitations were noted: the study participants were facilitators of the oral health programmes rather than actual implementers of the oral health programmes within the schools. As a result, their responses to questions could have been skewed toward the ideal answers (social desirability) rather than what is actually happening on the ground. Thus, there could have been overreporting of the execution of oral health programmes at the identified schools. Another reason could be that the participants were not health professionals and could have a limited understanding of the actual running of the oral health programmes, resulting in limited responses. There was a lack of current and clear publicly available records of the oral health programmes’ evaluation and therefore the need to strengthen the monitoring and evaluation systems by the schools and the departments. Future research is required to
The Continuing Professional Development (CPD) section provides for twenty general questions and five ethics questions. The section provides members with a valuable source of CPD points whilst also achieving the objective of CPD, to assure continuing education. The importance of continuing professional development should not be underestimated, it is a career-long obligation for practicing professionals.