Physiotherapists’ perception of a community-based primary healthcare clinical education approach to undergraduate learning

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Background. South African health systems are challenged by numerous stressors, such as a lack of resources, staff shortages and overburdened public sector demands. This necessitates appropriately equipped and trained healthcare professionals to meet the demands of this system. Community-based primary healthcare (PHC) clinical education is an approach towards preparing health science students to meet these demands. Clinical education is the cornerstone of undergraduate training. Physiotherapists are among the healthcare professionals who require undergraduate training that drives competence for independent practice.

Objective. To explore the perceptions and experiences of physiotherapists as clinical supervisors within a physiotherapy undergraduate programme that adopted a community-based PHC approach to clinical training.

Methods. An explorative qualitative approach was used, with semi-structured interviews with 10 purposively selected physiotherapists supervising students on the newly introduced platform. Data were transcribed and analysed using content analysis.

Results. Seven themes emerged from the data, which relate to curriculum redress, organisational factors, stakeholder dynamics, barriers and enablers to decentralised clinical training, perceived preparedness for practice and recommendations.

Conclusions. As the need for an increasing number of health professionals is realised, more innovative methods for clinical education of undergraduate health science students are required. Community-based PHC training for physiotherapy students is one such approach and was generally perceived as a valuable framework to incorporate competencies required for practice as future independent practitioners. Furthermore, improved communication between students, clinicians and academic staff was seen as a recommendation to influence clinical education.

The dynamic transitions in healthcare systems globally necessitate the training of healthcare professionals who are responsive to the needs of the community that they serve to ensure quality and relevance of care. Undergraduate clinical education is therefore critical for the development of socially competent graduates who are equipped with technical skills and insight to function purposefully within these changing social and health contexts. Students’ clinical competence, proficiency and aptitude are core to their clinical education and training, which should be rooted in a competency-based undergraduate programme. In South Africa (SA), the gaping disparity in health provision between the over-accessed public health facilities and well-resourced private healthcare settings prompted government to introduce the National Health Insurance (NHI), with the incorporation of the primary healthcare (PHC) approach. NHI is a government funding model that ensures disenfranchised communities access to quality healthcare. Through NHI, PHC has proposed re-engineering focused on prevention of diseases, promotion of health and ensuring availability of rehabilitative services at community level. PHC is a strategy to ensure that healthcare services are available in resource-scarce communities, but the uptake in healthcare systems nationally remains poor. Innovative approaches of actualising the implementation of the ideal PHC model are necessary to influence the disparity in public v. private healthcare in SA. Perpetuating the vision for NHI, the University of KwaZulu-Natal (UKZN) College of Health Sciences (CHS), in collaboration with the KwaZulu-Natal (KZN) Department of Health (DoH), embarked on the roll-out of community-based training within a PHC (CBTPHC) approach. UKZN adopted this approach to equip health science students with the necessary skills to serve communities in dire need of healthcare. For the purpose of this article, we refer to this method of training as decentralised clinical training (DCT).

This study focused on the discipline of physiotherapy within the CHS at UKZN, which offers a 4-year undergraduate degree programme with a professional qualification (Bachelor degree). There is a greater theoretical bias in years 1 and 2, with a deliberate shift to clinical training and competency development in years 3 and 4 of study. Intake varies between 50 students in year 1 and up to 55 students in the final year, depending on the throughput of students during the programme. For 2017, final-year students were introduced to the DCT framework in which they were placed at urban, rural and peri-urban sites in KZN Province, where they were predominantly under the care and supervision of physiotherapy clinicians at the respective settings. The facilities provided them with clinical exposure to neurological, cardiopulmonary and neuromusculoskeletal conditions and community-based rehabilitation. Each physiotherapy student spent 5 weeks at 4 of the clinical sites, of 6 newly introduced settings that were rural peri-urban and 2 urban facilities that were used prior to the new CBTPHC approach. Before
the commencement of DCT, participating physiotherapists were invited to attend preclinical supervision workshops at the university. The workshops aimed to equip the physiotherapist employed at the healthcare facilities on the DCT platform with teaching and learning competences, as well as supervisory skills to influence learning outcomes for undergraduate students.

Mostert-Wentzel et al.,[10] in their study of the status of undergraduate community-based and public health physiotherapy education in SA, found that while community physiotherapy curricula address the health profile of the population and priorities in the health system to different degrees, gaps in preparing physiotherapy students for the needs of the SA population were highlighted. DCT as a vehicle could possibly respond to this need, as it allows for preparation of health science students via training at these decentralised clinical facilities that are primarily based in rural or peri-urban communities and are in keeping with the PHC approach. Implementation of DCT, however, requires careful consideration of a number of factors, such as clinical site organisational structure, student attitudes, clinician attitudes and exploration of curriculum implications.

A current flaw in the roll-out of DCT in the CHS at UKZN is the lack of a working clinical training model to facilitate such a novel approach. In this article, we report the findings of a study that explored the perceptions of physiotherapists as clinical supervisors in the novel DCT programme in the study context. The understanding of participating physiotherapists’ perceptions aids in the development of an integrated model of clinical training by valuable insight into their role and recommendations for teaching and learning. This study forms part of a larger study that is geared towards the development of a model for physiotherapy clinical education, which will feed into an overall model for health professions education within DCT platforms for the CHS at UKZN.[10]

Methods
A qualitative study approach[11,12] was employed to explore the perceptions of physiotherapists supervising undergraduate physiotherapy students in a DCT approach. Ten physiotherapy clinical supervisors employed by the DoH in public sector facilities across peri-urban and rural settings on the DCT platform were purposively selected. Only qualified physiotherapists, currently registered with the Health Professions Council of South Africa (HPCSA) for 2017 - 2018 and actively involved in clinical supervision of students, were included in the study. The use of qualitative research allowed for in-depth exploration of the perceptions and experiences of these physiotherapists as clinical supervisors to inform the future planning and review of the novel clinical training approach within this setting.

Study setting
The study was done in KZN, SA, on 6 clinical training platforms, i.e. Murchison Hospital (rural), Port Shepstone Hospital (peri-urban), G J Crookes Hospital (peri-urban), Newcastle Hospital (peri-urban), Madadeni Hospital (rural) and Ngwelezane Hospital (rural). The facilities provided exposure to neurological, cardiopulmonary and neuromusculoskeletal conditions and community-based rehabilitation. Students were exposed to traditional institutional care, as well as outreach and PHC facilities.

Ethical approval
Ethical approval was granted by the Humanities and Social Sciences Research Ethics committee of UKZN (ref. no. HSS/0727/017) and the DoH (ref. no. KZ_201805-007). All participants were recruited on a voluntary basis and informed of their right to withdraw from the study at any time. They also gave informed consent. Anonymity was ensured by allocating pseudonyms to clinical supervisors when reflecting quotes.[13]

Data collection
Following ethical approval, 10 individual semi-structured interviews were conducted with physiotherapists at the end of the year. A flexible interview guide was developed with open-ended questions encompassing work experience and exposure to student training, and involvement and role of therapists in the implementation of DCT were explored. All interviews were conducted in English. Initial questions were followed up with probing and clarification to gain full understanding of comments and responses during the interview. Interviews lasted from ~45 minutes to 1 hour and were audio-recorded with field notes by the principal author. A moderator was present at each interview, together with the principal author.[14]

Data analysis
The recorded data were transcribed verbatim and verified for accuracy against the audio-recordings by the principal author and moderator. Transcriptions were forwarded to participants as a strategy for member checking to ensure that opinions were accurately captured in the analysis. Data were read and re-read for familiarisation to obtain an in-depth understanding of the content. The principal author and moderator performed separate data coding to enhance trustworthiness of the findings. Thematic analysis was used to identify emerging themes and subthemes. Similarities and differences in the coding were disputed until consensus was reached.[13,15,16]

Results
The demographic profile of participants is presented in Table 1. The results of the study are premised on the 7 overarching themes, highlighted in Table 2.

Discussion
The theme of curriculum redress includes the following subthemes: theory into practice, PHC integration and community-based rehabilitation strategy. The participants believed that the undergraduate physiotherapy curriculum required review, and issues remained with regard to integration of theory into clinical practice. A recent study in the same context revealed that physiotherapy students were of the opinion that there were curriculum disparities in terms of content and fluidity, which were believed to be integral to transformation of classroom teaching to practice.[13] Recent studies in similar contexts also reflect the need for healthcare professional programmes to be dynamic and move towards the needs of healthcare systems.[17-19] The integration of community-based approaches to teaching is crucial in preparing socially and culturally competent physiotherapy students to offer the relevant care.[20,21] The participants in this study believed that this approach allowed students to gain insight into communities, enabling a better understanding of those in their care.[19,20] However, alignment of the curriculum to community needs remains key to physiotherapy students being adequately prepared for clinical practice.[22-25]

Organisational factors
This was a resounding theme and included poor infrastructure and lack of resources and equipment as subthemes. Inadequate infrastructure remains
Table 1. Demographic characteristics of physiotherapists

<table>
<thead>
<tr>
<th>Participant pseudonym</th>
<th>Age, years</th>
<th>Gender</th>
<th>Race</th>
<th>Clinical experience, years</th>
<th>Clinical supervision experience, years</th>
<th>Tertiary institute</th>
<th>Context</th>
<th>Type of facility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Andrew</td>
<td>50</td>
<td>Male</td>
<td>Black African</td>
<td>20</td>
<td>18</td>
<td>University of Zambia</td>
<td>Peri-urban</td>
<td>Tertiary/regional hospital</td>
</tr>
<tr>
<td>Palesa</td>
<td>43</td>
<td>Female</td>
<td>Black African</td>
<td>17</td>
<td>1</td>
<td>University of KwaZulu-Natal</td>
<td>Peri-urban</td>
<td>Specialised hospital</td>
</tr>
<tr>
<td>Priya</td>
<td>36</td>
<td>Female</td>
<td>Black African</td>
<td>14</td>
<td>13</td>
<td>University of KwaZulu-Natal</td>
<td>Peri-urban</td>
<td>District hospital</td>
</tr>
<tr>
<td>Thandi</td>
<td>36</td>
<td>Female</td>
<td>Indian</td>
<td>13</td>
<td>8</td>
<td>University of KwaZulu-Natal</td>
<td>Peri-urban</td>
<td>Regional hospital</td>
</tr>
<tr>
<td>Gugu</td>
<td>37</td>
<td>Female</td>
<td>Black African</td>
<td>11</td>
<td>10</td>
<td>University of KwaZulu-Natal</td>
<td>Peri-urban</td>
<td>Regional hospital</td>
</tr>
<tr>
<td>Themebeka</td>
<td>30</td>
<td>Female</td>
<td>Black African</td>
<td>8</td>
<td>4</td>
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<td>Rural</td>
<td>District hospital</td>
</tr>
<tr>
<td>Gloria</td>
<td>30</td>
<td>Female</td>
<td>Black African</td>
<td>8</td>
<td>3</td>
<td>University of KwaZulu-Natal</td>
<td>Peri-urban</td>
<td>Tertiary/regional hospital</td>
</tr>
<tr>
<td>Tanya</td>
<td>28</td>
<td>Female</td>
<td>Mixed</td>
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<td>3</td>
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</tr>
<tr>
<td>Rithesh</td>
<td>26</td>
<td>Male</td>
<td>Indian</td>
<td>3</td>
<td>7/12</td>
<td>University of KwaZulu-Natal</td>
<td>Rural</td>
<td>Regional hospital</td>
</tr>
<tr>
<td>Yolisa</td>
<td>24</td>
<td>Female</td>
<td>Black African</td>
<td>2</td>
<td>7/12</td>
<td>University of Cape Town</td>
<td>Rural</td>
<td>District hospital</td>
</tr>
</tbody>
</table>

Table 2. Summary of themes and subthemes with verbatim quotes

**Theme 1: Curriculum redress**

- **Theory into practice**
  - ‘I think I matured in a certain way and also learnt to remove textbook thinking, because the university trains us in such a way that we think in a textbook style; even with patients – we want them to come in textbook style.’ (Priya)
  - ‘The second group, I thought that they were lacking theoretical knowledge and I had to sit down with them and give them tutorials; and it didn’t feel like it was sort of a refresher, it was like the first time they ever heard about such things.’ (Tanya)

- **PHC integration**
  - ‘You trained in urban facilities and graduated there, then you come to a rural hospital where it is something different altogether.’ (Rithesh)

- **Community-based rehabilitation strategy**
  - ‘We have two or three students allocated in the community, which is good because there is a lot they can do for the community. We take them on home visits and to clinics, and one group trained the healthcare team as a community project; they should be taught about this (theory modules) – community caregivers.’ (Priya)

**Theme 2: Organisational factors**

- **Poor infrastructure**
  - ‘The department has occupational therapy, speech and audiology here and we don’t have space.’ (Palesa)
  - ‘We felt that our department is very small and we are in a district hospital.’ (Themebeka)

- **Lack of resources and equipment**
  - ‘We don’t have all the equipment but the university has been extra supporting in providing us with equipment (referring to TENS machines, ultrasound and hot packs) that we can use in the department.’ (Yolisa)
  - ‘We didn’t have the heat packs, ultrasound and infrared, so the university provided that.’ (Gloria)
  - ‘We wanted ice and hot packs and they did give them to us. The electrode-cover things – they did give them to us.’ (Palesa)
  - ‘The driver had a problem with taking students to the clinic and on home visits.’ (Themebeka)
  - ‘Time is a problem … tutorials in the afternoon, but sometimes there are many patients.’ (Rithesh)
  - ‘I was a bit resistant, very resistant, thinking about staffing we had, our manager was leaving us in that year. I was busy with my masters, which took a lot of time and was a heavy load; I didn’t know how we were going to cope.’ (Thandi)

**Theme 3: Stakeholder dynamics**

- **Effective leadership roles**
  - ‘I did speak to my staff about it (manager). I am fortunate that I don’t have staff that are resistant to having students here.’ (Priya)
  - ‘We had to sit down and discuss it (manager to staff). We all agreed that we were willing to help out.’ (Andrew)

- **Collaboration between academics and clinical supervisors**
  - ‘If lecturers can be involved more, at least once a week or month, they can pop in once or twice before the exams. They must not just come when it’s an exam.’ (Palesa)
  - ‘I wish in January or February when they attend lectures we can be there so we can learn. Because there are many challenges. We are always not sure if you are giving them the right thing. I think it is me who is feeling inferior.’ (Gloria)

- **Partnership between student and clinician**
  - ‘Students are not the same, some are willing to learn and some need to be pushed. We worry about if we give them enough supervision. It is our duty to guide them and mentor. We took a stand as a department that we will support DCT, but they need to want to learn.’ (Palesa)

Continued ...
an organisational limitation in SA healthcare systems.\textsuperscript{[6,20,24-27]} Evidence from other studies concurs with findings in this article in terms of transport and equipment limitations that remain a barrier to optimal care in rural and peri-urban healthcare facilities.\textsuperscript{[19,20,24]} Rural health facilities are understaffed and there is a continuous exodus of clinicians into private sector or urban-based facilities.\textsuperscript{[19,20,24]} Stiller \textit{et al.},\textsuperscript{[21]} in a 2004 study, postulate that healthcare staff juggle high patient demands and administrative duties, which contend with participation in clinical education. However, De Villiers \textit{et al.},\textsuperscript{[24,27]} in recent studies in SA, reported that approaches such as decentralised clinical training can address such incongruences in

\begin{table}
\centering
\caption{(continued) Summary of themes and subthemes with verbatim quotes}
\begin{tabular}{|l|l|}
\hline
\textbf{Theme 3: Stakeholder dynamics} & \\
\hline
Community-service therapists and students & 'The community-service therapists were giving more patients to the students in the ward … they would fight … they were sort of bullying the first group.' (Yolisa) \\
\hline
\textbf{Theme 4: Barriers to decentralised clinical training} & \\
\hline
Communication and technology issues & 'I know that some constraints that the students brought to us is that they didn't have access to materials, in terms of getting a modem or data.' (Rithesh) \\
Student attitudinal barriers & 'They didn't want to learn as well. Even if you give them a patient, OPD patient, they change their facial expression. They were lazy, the first group was bad, even their feedback at the end of the block.' (Gloria)  \\
'They were not happy, the students were not communicating with us as clinical supervisors.' (Thembeka) \\
\hline
\textbf{Theme 5: Enablers to decentralised clinical training} & \\
\hline
Rural v. urban clinical education & 'They have exposure to rural facilities, comparative to the facilities in the city. They see a different environment, a different setting that will prepare them for when they become professionals and they are qualified, instead of being thrown in at the deep end of rural lifestyle or a rural setting.' (Rithesh) \\
Personal growth & 'I feel that I've grown since the first group. In the first group it was quite daunting for me because they would ask questions and I really had to think about it. But now I feel that I am confident, I can answer their questions to the best of my ability.' (Tanya)  \\
'Students help stimulate staff. The stimulation is that as clinical supervisors we are always kept on our toes because we have to be ready when students ask questions and stuff.' (Priya) \\
Students preclinical training & 'It's a block that they have already done in third year and I assume they had more supervision than the first time around.' (Yolisa) \\
Student impact & 'Students help us a lot and some people wouldn't want to admit it.' (Rithesh)  \\
'We have more helping hands in the department.' (Yolisa) \\
\hline
\textbf{Theme 6: Perceived preparedness for clinical supervision} & \\
\hline
Clinical practice experience & 'This is the first time I am working with students. I have no previous experience working with students.' (Yolisa)  \\
'Almost every year we had elective students that I had to supervise. When I was in, we were actively involved in supervising students.' (Priya)  \\
'Clinical supervision is a learning process. It's a continuous learning process. Supervising community-service therapists also helped me this year.' (Gugu) \\
Preclinical supervision workshops & 'The workshops they had on campus (referring to preclinical workshops offered by the university):' (Yolisa)  \\
'I've attend some of the meetings and I attended the training (referring to preclinical workshops offered by the university). So, all of us at the department we quite hands-on with the students that come here, although they are here for a more independent block, they are here for the community block; so we really only supervise them when they are on the hospital premises and then they would be working on their projects.' (Gugu)  \\
'We also attended all the meetings called upon by the university towards when they introduced the training from the start until the end … First meeting that we had to assess and I think to give us what was expected, and while they're willing to help us in terms of equipment and whatever material that is needed here … we were willing to help in terms of whatever outcomes were set out.' (Andrew) \\
\hline
\textbf{Theme 7: Recommendations} & \\
\hline
Improved collaboration & 'Their supervisors and clinical staff need to come together, not only to assess students but to also have patient presentations to improve knowledge.' (Palesa)  \\
Recruitment of local clinical supervisors & 'The academic staff cannot do much about the fact that there are no part-timers, but one recommendation is that having part-time staff locally will make much difference in the DCT; it will actually help students and the academic supervisors because I don't think they can spread themselves all around.' (Priya) \\
Improved information and communication systems & 'If they had an online tutorial that they could do on a daily basis – because they don't see patients the whole day.' (Tanya)  \\
'If the university also had set up online access to learning material and lectures; that would help us here to teach.' (Thandi)  \\
Academic incentives & 'If there could be some form of incentives that can be done, it could be in a form of learning courses, remember we are continuously learning every day… .' (Priya) \\
\hline
\end{tabular}
\end{table}

PHC = primary healthcare; TENS = transcutaneous electrical nerve stimulators; DCT = decentralised clinical training; OPD = outpatient department.
healthcare systems. Moreover, there is the notion that students who train at rural sites are more likely to accept employment at such sites.\textsuperscript{[9,27]}

**Stakeholder dynamics**

This theme included effective leadership roles, collaboration between academics and clinical supervisors, the relationship between students and clinicians, as well as community service therapists as subthemes. The role of physiotherapy managers in the clinical education approach is crucial for success of student learning.\textsuperscript{[17,26]} Furthermore, communication and ongoing collaboration between students, academics and supervising physiotherapists are imperative in this process.\textsuperscript{[28]} Collaborative preparation and planning prior to the commencement of DCT is believed to be of importance.\textsuperscript{[19,28]} A study by Lo et al\textsuperscript{[31]} reveals that a working partnership between academic staff and clinicians promotes future collaboration. The partnership between student and supervising therapist is also important and aids in creating a mutual beneficial learning environment for effective training in technical skills, core competencies and ethical and social integration into clinical practice. A concern voiced in this study was the poor partnership at a site between the community service officer (CSO) or therapist and students. Junior staff, such as CSOs, viewed as support ‘buddies’ for students, rather than clinical supervisors, have been cited.\textsuperscript{[29]} Other studies on the placement of students cite clashes between students and clinicians due to personality conflicts.\textsuperscript{[28,29]}

**Barriers**

Barriers to DCT included communication and technological issues, as well as student attitudinal barriers as subthemes. Technology and communication access in the DCT sites posed barriers to learning, as students were unable to access information.\textsuperscript{[29]} There has been a surge in the use of technology as a method to enhance learning;\textsuperscript{[34]} however, efforts are required towards improving access to optimise this tool in resource-limited settings. In this study, student attitudinal barriers were also believed to inhibit optimal learning.\textsuperscript{[29]}

**Enablers**

Enablers to DCT included the subthemes rural v. urban clinical education, personal growth, students’ preclinical training and student impact. Physiotherapy supervisors were motivated and found it rewarding to work with students.\textsuperscript{[28]} in addition to personal growth in the supervision process and becoming increasingly confident as time progressed. Further personal development included physiotherapists updating their clinical knowledge and skills to be of value to students.\textsuperscript{[28,31]} The preclinical training of students prior to embarking on DCT was identified as key in preparation for clinical practice.\textsuperscript{[34]} Students were seen as added personnel and other studies corroborate that students can alleviate the high burden of staff and relieve workload pressure.\textsuperscript{[12]}

**Perceived preparedness of physiotherapists**

Within the theme of perceived preparedness of physiotherapists for clinical supervision, clinical practice experience and preclinical supervision workshops were identified as subthemes. Most physiotherapists indicated that, despite their clinical practice experience, they initially felt unprepared to supervise students. Feelings were attributed to change in the curriculum and teaching pedagogy and lack of personal confidence. Similar feelings were expressed by clinicians involved in supervision of occupational therapy students, who felt that they had not been suitably prepared and were anxious about judgement by students.\textsuperscript{[30]} There was a perceived preparedness of physiotherapists who had experience in supervision of students during clinical elective rotations with students from other SA tertiary institutions during their vacation, as well as exposure to community-service physiotherapists at the respective healthcare facilities. Furthermore, a preclinical supervision workshop offered to supervising physiotherapists appeared to offer them reprieve in their perception of unpreparedness.\textsuperscript{[28,29]}

**Recommendations**

Finally, recommendations identified in this study included improved collaboration, improved information and communication systems, recruitment of local clinical supervisors and academic incentives. Physiotherapists emphasised the need for improved communication between academics and clinicians. This was in keeping with findings in other studies, where communication between stakeholders was an enabler to improved clinical education approaches.\textsuperscript{[14,39]} A SA study that explored an undergraduate physiotherapy programme highlighted that communication between academics and clinicians supervising physiotherapy students is a facilitator of clinical education and preparedness for practice.\textsuperscript{[17]} Good communication between academic staff and clinicians provides a seamless learning environment for student learning.\textsuperscript{[30]} Recruitment of private sector physiotherapists as clinical supervisors was recommended as respite for the overburdened hospital staff who supervise students.\textsuperscript{[29]} Campbell et al.\textsuperscript{[39]} reported that a direct relationship must be built with local community members, healthcare services and health professional education institutions.\textsuperscript{[13]} Online platforms were also recommended to enhance clinical education, which is aligned to current trends in undergraduate health professions education.\textsuperscript{[14]} A further recommendation included the offering of academic incentives in the form of continuous professional development courses, as well as tuition remission for postgraduate courses.

**Study limitations**

The study was limited to 6 new DCT placement sites for one tertiary institution. Moreover, the number of clinical supervisors was limited to those who were directly involved in the supervision of students during the pilot year and represented subjective reports of their experiences. The results should therefore be interpreted with caution and may not be generalisable.

**Conclusion**

As the need for increasing the number of health professionals to respond to the current health needs of the country is realised, more innovative methods for the clinical education of health science students are required. CBTPhC is an option that allows students to be exposed to PHC in rural and underserved communities. However, for this platform to become an enabling clinical training environment and to ensure success, the voices of essential stakeholders are necessary. This study sought to explore the perceptions and experiences of physiotherapists as clinical supervisors within the CBTPhC programme. The platform of clinical training for physiotherapy students was generally perceived as a valuable framework to incorporate competencies required for community-based PHC practice. Furthermore, physiotherapists believed that good communication between stakeholders enhances the learning environment and incentives for clinicians, such as academic study fee remissions. Such incentives are mutually beneficial, as these will further enhance the knowledge of physiotherapists who supervise
students. Further research into the experiences of health science students and academics is key to the development of novel integrated approaches such as CBTPHC in clinical training.

Declaration. The study was in fulfilment of SB’s postgraduate degree in the School of Health Sciences, University of KwaZulu-Natal, Durban, SA.

Acknowledgements. The authors acknowledge the physiotherapy clinical supervisors who shared their experiences and insights regarding the study.

Author contributions. SB: principal investigator and responsible for the conceptualisation, data collection and write-up; VC, NC, PG and SM: assisted in the conceptualisation and supervision, guided data interpretation and assisted in the critical review of the article.

Funding. Funded under the i-DecT Project that received support via a College of Health Sciences, University of KwaZulu-Natal, competitive grant.

Conflicts of interest. None.