



Clubfoot Africa  
Education

# 2021 STEPS CLUBFOOT CLINIC COORDINATION WEBINAR SERIES

<b>PRIMARY FOCUS:</b>	Supporting clubfoot patients with co-ordinated clinic resources	<b>ENDORSED BY:</b>	South African Paediatric Orthopaedic Society
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The webinar content created by Steps is suited to clubfoot clinics in low-resource settings. It is based on Steps' experience in the South African state health sector and mentoring clubfoot clinics in neighbouring countries.

These clinics benefit from efficient standardised management processes and patient-centred care to ensure patient satisfaction. Increased patient adherence reduces the number of patients lost to follow up and untreated clubfoot.

## Summary of Webinar Content

- **Basic Clubfoot Knowledge:** How to Recognise it and Treatment, with a Focus on the Ponseti method.
- **Defining the Non-Medical Tasks in the Clinic and Communication Channels:** Parent Education, Data Capture, Brace Support, etc.
- **Support:** Understanding the Key Points of Parent Education and Support to Increase Adherence to Treatment.
- **Data:** Reviewing Current Data Capture Tools, Types of Data, Submission and Use of Data.
- **The Clubfoot Brace:** Types of braces, the Importance of the Clubfoot Brace, Increasing Adherence.
- **Clinic Processes:** Reporting from the Field, Discussion of Challenges and Solutions in Low-Resource Settings.
- **Advocacy:** Sharing Success Stories, Reducing Stigma, Increasing Early Diagnosis.

## Outcomes

- Clubfoot clinics have improved resources for parent education, admin, data capture for treatment adherence, monitoring and evaluation, and quality assurance.
- Increased patient satisfaction, and patient-centred care, with the support of patient families
- Reduced burden on health care professionals.
- Increased staff morale at clubfoot clinics

## Beneficiaries

- Children from birth to age 6 born with clubfoot, treated in the state health sector.
- Parents and caregivers of babies and children born with clubfoot.
- Health care professionals working in the state sector.

## CPD Points

Continuing Professional Development Points approved by Wits Health Consortium for South African registered health professionals who attended all 3 webinar sessions:

**4** CPD Points / **1** Ethics Point



**94**

people completed the live webinar series and earned CPD Points



**470**

Total CPD points awarded to date

## Faculty



### Medical

Dr Kobus Smit  
Dr Seipati Khetsi  
Dr Anria Horn  
Dr Mari Thiart



### Steps

**Karen Moss:** Executive director  
**Gabrielle Rademeyer:** Office manager, Training coordinator  
**Luke Engel:** Marketing and social media  
**Alan Millar:** Data analyst  
**Jane Mackinnon:** National clinic coordinator  
**Penny Hlakula:** Admin coordinator, Government procurement, Special Events

## Follow up

### Webinar recordings were added to Vimeo for viewing on request

- Day 1 Ponseti Theory, Steps Clubfoot Care, Clinic Support, Clubfoot Clinic Coordinator: <https://bit.ly/3icrHoD>
- Day 2 Patient-Centred Care, Parent Education & Support, Parent Education Techniques <https://bit.ly/3yfPREb>
- Day 3 Clubfoot Clinic Data, Clubfoot Advocacy and StoryTelling, Medical Discussion of South African Clubfoot Treatment and Low-resource Settings <https://bit.ly/3fbtmJi>

**CPD points approval is extended to December 2021.** Following viewing of the recordings, South African health professionals are sent an assessment form to complete and earn their CPD points.

### Future planned webinars:

- 3-part Medical series leading up to the Clubfoot Africa Conference
- Complex or atypical clubfoot
- Treating the older child
- The role of the physiotherapist and other allied healthworkers

**In our evaluation forms, 87,2% said they would like to use the Steps Clubfoot Care Model or Materials.** We are following up with all attendees to offer partnership or collaboration based on our model.

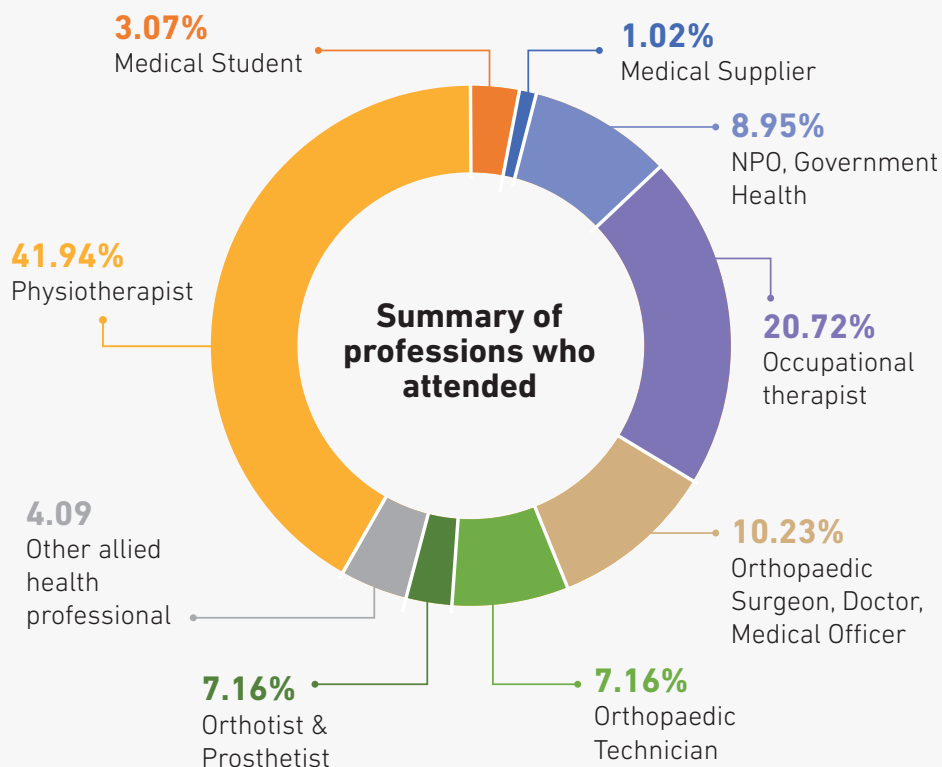
**In our evaluation forms, 80.9% said they would like to attend the 2022 Clubfoot Africa Conference** (23.4% virtual, 57.5% in person). We have added all who registered for the webinar to our conference database.

**400**  
Registrations

**38**  
Countries

**100**  
Submitted attendance forms for all three days and received attendance certificates

Number of people who watched live per day



## Session 1 - Poll Results

**Effective clinic coordination is important for successful clubfoot treatment**

100% Yes



**Parent and caregiver emotional support is important?**

1% No 99% Yes




**The first brace fitting appointment requires comprehensive education?**

100% Yes



**The main benefit of good parent education is:**

1% Satisfied parents and caregivers  
8% Less work for the clinic  
91% Increased adherence to treatment



**What is the average number of casts per patient if seen from birth?**

8% Not sure 28% 8-10 63% 4-6




**What is the duration of standard Ponseti treatment?**

1% From 1yr 8% 0-2 yrs 91% 0-4 yrs



**What is the main reason for brace non-adherence?**

15% The brace is not well-fitted nor comfortable  
29% Lack of brace education for caregivers / health professionals  
56% Economic - no stock of braces, or patient families cannot afford transport



**What is the minimum number of patients requiring tenotomy on average?**

25% 10% 13% 50% 61% 80%




**What percentage of the Ponseti treatment will take place at home?**

8% 15% 11% 50% 81% 90%



**Which statement is incorrect for managing non-adherence to the brace?**

6% Check that the foot is still well corrected  
17% Positive reinforcement is best  
79% Blame the parent or caregiver



## Session 2 - Poll Results

**Do you have supply of effective clubfoot braces at your clinic?**

23% Supply is inconsistent 30% Good supply 47% No supply




**Does your country have a model or national programme for clubfoot?**

7% No 36% Not sure 57% Yes




**Is there benefit to having a clubfoot support organisation where you work?**

1% No 5% Not sure 94% Yes




**It's important to have clubfoot coordination because it increases:**

18% Good record keeping  
29% Support for the medical team  
53% Patient adherence



**Should clubfoot clinics only be located in main centres or is there benefit to having more, smaller clinics in outlying areas managed by allied health professionals?**

1% Centrally located  
10% Smaller clinics only if there are doctors available  
90% Smaller clinics with allied health professionals managing treatment




**Standardised processes for clinics are important?**

2% Not sure 98% Yes




**The main benefit of using a score for clubfoot is:**

1% To monitor casting skills  
25% To determine severity  
74% To measure progress



**What would be the main reason for a patient not having treatment soon after birth?**

3% No treatment available  
3% Lack of awareness - No treatment available  
- Clinics are too far for patients to access  
11% Lack of awareness - No treatment available  
11% Lack of awareness - Clinics are too far for patients to access  
25% Lack of awareness  
47% Clinics are too far for patients to access



## Session 3 - Poll Results


**Allied health workers treating clubfoot should be encouraged and added to their curriculum**

1% Disagree 99% Agree




**Clubfoot data and statistics are best collected?**

2% Paper (patient file)  
40% Electronic (app/programme)  
58% Combination of paper and electronic



**Clubfoot is still stigmatised and needs more awareness**

4% No 2% Not sure 94% Yes




**Have you adapted your clubfoot clinic operation because of COVID-19?**

21% Clinic is closed 33% No 46% Yes




**Should there be standardised indicators at all clubfoot clinics?**

2% No 3% Not sure 95% Yes



**Would you like to attend more clubfoot webinars?**

3% No 3% Not sure 94% Yes



**Would you like to attend the 2022 Clubfoot Africa Conference?**

8% Not sure 43% Online 49% In person





## Feedback from attendees

*"I learned more about the involvement of caregivers in the treatment plan. Because the caregivers take a big responsibility in managing club foot. Clubfoot relapse is a challenging issue in the management of club foot. For prevention of relapse family involvement is very important. All presentations were perfect, well organised and very clear on the webinar."*

*"I learned that the shoes can not be worn without the bar as it would make no difference."*

*"The Pirani Score talk was valuable I was having difficulties when assessing clubfoot patients, now I have gained knowledge I believe I can do better."*

*"It was valuable to learn what style to use when teaching caregivers how to take care of their children's braces and how to apply it."*

*The sessions were very useful. Thanks for the enthusiasm and all your support! Thanks for the webinar! I'm looking forward to sharing the recorded version with my colleagues who couldn't join."*

*"I have been trained on Ponseti and the management before and have been running a clinic but the approach Steps take in the education was very valuable."*

*"I also found the role play acts valuable between patient and health professional as this role modelled the appropriate way a health professional should address and explain the diagnosis and treatment as well as the factors that influence adherence to treatment."*

*"All in all I congratulate you for the stunning seminars. it is not easy to pull off a full series of recorded sessions. I enjoyed the presentations and also the whole blend of topics. I think you really tried to be inclusive and that was great to see!"*

*"Proper education about clubfoot care to the parents/ caregivers is very important. I watched two mothers giving testimonial stories, it would be really an impression for any treatment provider to hear it."*

*"The entire teaching was good."*

