

APPENDICES

Impact Assessment Study Series

International Society for Prosthetics and Orthotics

22-24 Rue du Luxembourg
BE-1000 Brussels, Belgium
Telephone: +32 2 213 13 79
Fax: +32 2 213 13 13
E-mail: ispo@ispoint.org
Website: www.ispoint.org

Published 2015



USAID
FROM THE AMERICAN PEOPLE



Contents:

Appendix	Contents
Appendix 1	Causal model
Appendix 2	Framework for studying impact
Appendix 3	Discussion Guides
Appendix 4	Graduate interview form pages 1-2
Appendix 5	Graduate interview form pages 3-6: lower limb orthotics
Appendix 6	Graduate interview form pages 3-6: lower limb prosthetics
Appendix 7	Graduate interview form page 7
Appendix 8	Participant information sheet
Appendix 9	Client participant information sheet
Appendix 10	Consent form

Appendix 1: Causal Model

Pre-intervention activities	<p>General:</p> <ul style="list-style-type: none"> • Develop and publish international professional standards ISPO Category I (prosthetist/orthotist) and ISPO Category II (orthopaedic technologist) • Evaluate and recognise programs training students to ISPO Category I and ISPO Category II standards. <p>USAID funded scholarships:</p> <ul style="list-style-type: none"> • <i>Identify training providers in developing countries evaluated and recognised by ISPO as meeting ISPO professional standards</i> • <i>Set criteria for scholarship awards and design scholarship application, selection and award processes</i> • <i>Liaise with ISPO recognised training providers to raise awareness of scholarship program</i>
Program activities	<p>General</p> <ul style="list-style-type: none"> • Maintenance of register of ISPO Category I and ISPO Category II evaluated programs. <p>USAID funded scholarships:</p> <ul style="list-style-type: none"> • <i>Facilitate training of clinicians for prosthetic and orthotic services through provision of a global ISPO Scholarship Program by:</i> <ol style="list-style-type: none"> 1) <i>Liaising with ISPO recognised training providers to clarify scholarship availability and encourage applications</i> 2) <i>Networking with non-government organisations and international organisations to raise awareness of scholarship availability and explain the criteria</i> 3) <i>Receiving and screening candidate applications from training providers, seeking more information where appropriate</i> 4) <i>Notifying training providers of the results of their applications</i> 5) <i>Administering scholarship awards</i>
Outputs	<p>General:</p> <ul style="list-style-type: none"> • Certification of individual graduates of ISPO Category I and ISPO Category II recognised programs <p>USAID funded scholarships</p> <ul style="list-style-type: none"> • <i>Financial support for training institutes through student fee provision</i> • <i>Financial support for students from developing countries through the funding of professional training fee and living costs</i>
Outcomes	<p>General:</p> <ul style="list-style-type: none"> • Increased number of ISPO certified graduates • Development of national personnel to internationally recognised standards able to provide minimum standards of treatment for persons requiring prosthetic and orthotic devices. <p>USAID funded scholarships</p> <ul style="list-style-type: none"> • <i>Increased numbers of graduate prosthetists orthotists and orthopaedic technologists from low income countries</i>
Impacts	<ul style="list-style-type: none"> • Establishment and development of prosthetic and orthotic clinical and technical services for persons with physical disabilities • Appropriate prosthetic and orthotic service delivery by ISPO Category I and ISPO Category II certified personnel • Increased clinical leadership from prosthetic/orthotic personnel • Development of professional bodies and communities of practice in prosthetics and orthotics • Enabling students to graduate as professionals and follow a career <hr/> <ul style="list-style-type: none"> • Provision of assistive technologies (prosthetic limbs and orthotic braces for the limbs and spine) that enable persons with physical disabilities to achieve their potential to participate in society • Enabling persons with disabilities to achieve independence • Enabling persons with disabilities to access education and employment • Enabling persons with disabilities to provide for themselves and their families • Enabling persons with disabilities to contribute to the local economy



Appendix 2: Framework for studying impact

The following is the framework for studying the impact of training to ISPO Category I & II standards:

Baseline assessment: assessment of graduate skills and knowledge as part of the ISPO accredited training program. Assume that certified graduates have threshold knowledge and skills at the point of the final clinical examination. At this stage the graduates will have demonstrated that their skills and knowledge to fulfil professional practice as defined in the ISPO professional profile at ISPO Category I or ISPO Category II³. The baseline assessment level assumes provision of basic services immediately upon graduation (without management or leaderships responsibilities/skills).

Follow up assessment:

Levels of Analysis	Domains of Impact	Impact Variables	Sources of Information
ISPO Category I and II Certified Graduate	Demonstrated appropriate clinical skills	Appropriateness of prosthetic or orthotic provision Nature and scope of clients seen Level of professional clinical decision making	Structured graduate interview and client case review
“	Provided appropriate clinical services for people with disabilities	Demonstration of skills, knowledge and practices Use of techniques and technology	Structured graduate interview and client case review Discussion with P & O service managers Discussion with Heads of Hospital Services Previously published data
“	Demonstrated career progression	Career histories of ISPO certified graduates	Structured graduate interview Discussion with P & O service managers
“	Worked within a scope of practice	Capacity to manage a range of presenting conditions	Structured graduate interview and client case review
“	Increased clinical specialism (ISPO category I)	Capacity to handle complex cases and specific conditions (including advisory role) Capacity to problem solve	Structured graduate interview and client case review Discussion with P & O service manager Previously published data
“	Keeps up to date	Accesses information Evidence of use of new or emerging techniques	Structured graduate interview and client case review
“	Active professional membership	Engagement with professional groups, Evidence of contributing to the development of services or the profession locally, regionally or nationally	Structured graduate interview Secondary information from presentations, publications and other evidence in the public domain Previously published data
“	Contributed to clinical records	Evidence of appropriate medical and social history taking, patient assessment and review	Structured interview and case note review
“	Performed appropriate client assessment	Demonstrated an understanding of the functional and social needs of their client	Structured interview and case note review
“	Embedded clinical practice	Demonstrated all areas of appropriate clinical practice including client care, health and safety, multidisciplinary working and quality management procedures	Structured graduate interview and client case review
“	Prescribed & specified prosthetic and orthotic	Demonstrated justified decision making based on clinical findings and resource	Structured graduate interview and client case review

	devices	availability	
“	Developed technical Skills	Demonstrated appropriate technical outcomes (quality of design and finish of devices)	Structured graduate interview and client case review
“	Planned personal development	Demonstrates a past and future development plan	Structured graduate interview
Patient/client /user	Enabled inclusion and participation in society	Reflection upon the importance of the service in enabling the client to access education, employment and social life	Structured graduate interview and client review Case stories Clinical audits and surveys Previously published data
“	Enabled independence	Reflections about activities of daily living Income generating potential Source of household income	Structured graduate interview and client review Case stories Clinical audits and surveys
P & O service manager	Contributed to an appropriate staff profile	Evidence of seniority in larger services with Category I personnel evolving into clinical leaders	Discussion with P & O service manager Discussion with heads of hospital services
“	Improved quality of services	Evidence of change improvement in services	Discussion with P & O service manager Discussion with heads of hospital services Physical tours of facilities Previously published data
“	Contributing to a national rehabilitation plan	Evidence of the way services support rehabilitation structures	Discussion with P & O service manager Discussion with heads of hospital services Physical tours of facilities Previously published data
“	Enabled access to services	Evidence of client demographics and service statistics	Discussion with P & O service manager Previously published data
“	Supported decentralisation of services	Evidence of outreach programs, satellite clinics and local working	Discussion with P & O service manager Discussion with heads of hospital services
“	Supported assessment of services	Evidence of assessments of quality of service	Discussion with P & O service manager Previously published data
“	Lead and provided expertise on service development (ISPO category I)	Local, regional or national recognition of expertise	Discussion with P & O service manager, Discussion with heads of hospital service Previously published data
“	Recognition of personnel by government	National scheme of service	Discussion with ministry Secondary data
Hospital Service	Demonstrated a history of development of services	Scope and nature of prosthetic and orthotic services	Discussion with head of hospital services Tour of facilities
“	Alignment of prosthetic and orthotic services with hospital scheme services	Integration and multi-professional working across hospital departments or community services	Discussion with P & O service manager
“	Served specific patient populations and contributed to income generation	Client demographics (condition/disability/device) Financial stability of service Growth of service	Discussion with P & O service manager Discussion with Head of Hospital service
Government Ministry	Supported development of services nationally	National geographic location of services Ministry governance of services ISPO Category I and II professionals as part of services	Discussion with ministry Discussion with Head of Hospital services Discussion with Head of P & O service Previously published data

Impact assessment: Discussion Guides

Please use this guide as a suggestion of topics to cover in your meetings:

Courtesy visit with Ministry involved with delivery of P & O services

Discuss the commitment of government to develop services for persons with physical disabilities.

Meeting with Director of Hospital Services

Questions could include but not be limited to:

1. Please tell me about the history and development of your service and facility?
2. How do prosthetics and orthotics fit into your overall scheme of service (if not only a P & O service)?
3. What patient populations do you serve and what are your funding sources.

Meeting with Prosthetic/Orthotic Services Manager

With reference to prosthetics/orthotics personnel...

1. What is your staff profile?
 - How many people see patients on a regular basis? Include numbers and training background.
 - Number of technical staff
 - Number of administrative and support staff
2. What is the impact of having graduate (certified) personnel working in your prosthetic/orthotic service?
 - How do these personnel impact on access to services?
 - Is there a national rehabilitation plan?
 - If so, how do these personnel impact on supporting the plan?
 - Do these personnel impact on geographical decentralisation of services?
 - Have you assessed how people with disabilities have benefited from the services you have provided?
 - If so, how is that done and is this documented?
3. Did the trained (certified) personnel contribute to your service development? *leadership and expertise*
4. Are these personnel recognised formally by your government?
5. Which ministry recognises the personnel (by whom) and what is the importance of this?
6. What are your needs and plans for service development?
7. How are you involving graduates in your service development?
8. How are the staff paid
9. Do the practitioners work from a prescription? If so, who writes it?



USAID
FROM THE AMERICAN PEOPLE



ISPO Certified Graduate Interview

Cover sheet:

A study of professional skills and development needs of clinical personnel in prosthetics and orthotics in lower income countries.

Please ask the graduate to complete pages 1 and 2 before each study interview. Each participant is assigned a study number to ensure anonymity during data analysis.

Study Participant Number _____ *(admin use only)*

The cover sheet is to be removed and stored separately at the end of the interview.

GENERAL INFORMATION

Country and service visited:

Date:

Interviewer *(last name, first name)*:

Person filling in the form if different from the interviewer:

GRADUATE INFORMATION

Graduate name: *(last, first)*

Current Employer and place of work:

Age:

Year of Graduation:

P & O School:

Email (or post address if no email) for a copy of the final study report (optional)

ISPO Category i ii other *(explain)*

Gender: male female

Work experience since graduation: *(please list your position, place of work and years or employment - continue on back of form if needed)*



Study Participant Number _____ (admin use only)

PROFESSIONAL PRACTICE

1. What is your scope of practice in terms of types of patients seen and scope of treatments? Describe lower limb, upper limb and/or spinal designs, conditions, components and materials

2. Do you specialise in any patient condition or treatment?

3. Estimate the percentage of time you spend in the following activities: *should add up to 100*

Direct patient care ____%

Supervising other as they provide patient care ____%

Administration in your Prosthetic/ Orthotic Centre ____%

Administrative work outside your Prosthetic/Orthotic Centre ____%

4. A. What percentage of your patient care is: *should add up to 100*

Lower Limb Prosthetics ____%

Upper Limb Prosthetics ____%

Lower Limb Orthotics ____%

Upper Limb Orthotics ____%

Spinal Orthotics ____%

B. Please note which of these do you consider most competent to provide:

5. A. If you have a complex case that you would like advice on, is there someone you can seek advice from? yes no

If yes, tick one or more of the following to describe this person:

Prosthetics/orthotics professional (not Cat I) Category I Prosthetist/Orthotist

Therapist Doctor

B. Do they work alongside you or somewhere else?

6. How do you keep up to date with information? (tick all that apply)

website access from work website access from home website access from internet cafe

workshops, seminars or short courses medical library full text scientific journal articles

7. Are you a member of a professional body or clinical interest group? *Please explain:*



PART A: LOWER LIMB ORTHOTICS PATIENT ASSESSMENT

The interviewer should ask the graduate to tell them about their patient and note if the graduate has presented appropriate patient information for each section. It is not necessary to note the full patient history, but it is important to note any omissions or errors.



THE CLINICAL RECORD

1. Is a referral prescription available? yes no

If yes, how complete is it?

Who wrote the prescription?

2. A. Are clinical records available? yes no

B. Are the records complete? yes no
Elaborate:

3. Is an adequate assessment recorded in the record? yes no

Elaborate:

PATIENT ASSESSMENT AND CLINICAL PRACTICE

4. Age: _____ Gender: male female

Side affected: left right

5. Medical history *(chronological order)*

6. Social history *(including occupation, home, social activities and environment)*

7. Description of physical disability

8. Previous orthotic history *(including prescription, comfort, repairs, lifespan of previous device and affordability)*

9. What difference has the orthotic service made to the user's life? (Including education, employment, participating in society). If the graduate does not know, please ask them to ask their patient now and document their answer.

10. Comment on the graduate's evaluation of:
 Range of motion:
 Muscle strength:
 Leg Length:
 Joint stability:
 Deformity:
 Pain: (location and characteristics)
 Sound side and upper limb function:

11. Did the graduate rate the functional grade of the client with the orthosis? yes no
 Elaborate:
 Did they use a rating scale? yes no

12. Does the graduate think the orthosis meets the client's needs? yes no partly
 Elaborate:

13. Does the interviewer think the orthosis is appropriate? yes no partly
 Elaborate:

ORTHOTIC PRESCRIPTION AND CONSTRUCTION

14. Describe the orthosis:
 FO AFO KO KAFO HO HKAFO ortho-prosthesis

15. Specification (*materials, joints, trim lines, straps*)

16. Comment on the durability of the orthosis:

17. Did the graduate fabricate this orthosis? yes no
 If not, who did?

18. Age of orthosis (<i>left and/or right</i>)	Using most recent device? (<i>left and/or right</i>)
--	--

19. Has there been any follow up since delivery? yes no
 Explain:

20. Were the following needs/goals addressed? (<i>tick and/or comment only if applicable</i>)	
Reduce deformity	<input type="checkbox"/> yes <input type="checkbox"/> no
Reduce joint instability	<input type="checkbox"/> yes <input type="checkbox"/> no
Distal weight relief	<input type="checkbox"/> yes <input type="checkbox"/> no
Lower limb inequality	<input type="checkbox"/> yes <input type="checkbox"/> no
Pain relief	<input type="checkbox"/> yes <input type="checkbox"/> no
Improve gait (<i>if applicable</i>)	<input type="checkbox"/> yes <input type="checkbox"/> no



Interviewer to note if aspects of prescription and technical specification were adequate:

(tick and/or comment only if applicable)

Foot position A/P	<input type="checkbox"/> yes <input type="checkbox"/> no
Foot position M/L	<input type="checkbox"/> yes <input type="checkbox"/> no
Foot plate	<input type="checkbox"/> yes <input type="checkbox"/> no
Tibial angle (static)	<input type="checkbox"/> yes <input type="checkbox"/> no
Knee position	<input type="checkbox"/> yes <input type="checkbox"/> no
Trim lines	<input type="checkbox"/> yes <input type="checkbox"/> no
Leg shell volume	<input type="checkbox"/> yes <input type="checkbox"/> no
Thigh shell volume	<input type="checkbox"/> yes <input type="checkbox"/> no
Strap placement	<input type="checkbox"/> yes <input type="checkbox"/> no
Other fitting issues	<input type="checkbox"/> yes <input type="checkbox"/> no
Padding	<input type="checkbox"/> yes <input type="checkbox"/> no
General construction	<input type="checkbox"/> yes <input type="checkbox"/> no
General finish (edges/details)	<input type="checkbox"/> yes <input type="checkbox"/> no
Material choices	<input type="checkbox"/> yes <input type="checkbox"/> no
Appearance	<input type="checkbox"/> yes <input type="checkbox"/> no
Joint selection	<input type="checkbox"/> yes <input type="checkbox"/> no
Joint placement	<input type="checkbox"/> yes <input type="checkbox"/> no
Joint congruence	<input type="checkbox"/> yes <input type="checkbox"/> no

21. Ask the graduate "Could the orthosis be improved in any way?"

Note response:

End of Part A

Please thank the patient for their participation.

The patient can now leave and the interview continues with the graduate alone.



USAID
FROM THE AMERICAN PEOPLE



PART B: EXTENDED GRADUATE INTERVIEW

REVIEWING THE CASE

Do you think your selection of materials and components was appropriate?	Response:
Are you happy with the orthotic fit?	Response:
Did you achieve a good foot position and foot control?	Response:
Are there any issues with static and dynamic alignment?	Response:
If an orthotic joint was used is it positioned correctly?	Response:
What are the gait deviations and how did you correct them?	Response:
Please comment on the quality of construction of the device.	Response:
Is this orthosis appropriate for this patient?	Response:

Note further comments if they are made:

EDUCATION AND TRAINING

- 22. What part of your professional training was most beneficial to you?
- 23. Are there any topics you wish you had learned more about in your course? *Pathologies, etc*
- 24. What kind of continuing education courses about specific conditions or skills would you like to be able to attend?
- 25. What other techniques or technologies would you like to introduce to your centre?

PART B: FEEDBACK AND PERSONAL DEVELOPMENT PLAN

The interviewer will review the contents of this data collection form with the graduate and together identify at least 3 areas that require clinical practice development. Where graduates demonstrate consistent good practice, other development needs can be discussed.

SMART criteria should be used – Specific, Measurable, Attainable, Relevant and Timely

- 1.
- 2.
- 3.

For ISPO initiated graduate audits, please pass, scan and email, or post this form to:
Mrs Sandra Sexton, ISPO Grant Manager
“Drumgelloch”, 95 Dryburgh Road, Wishaw, Lanarkshire, Scotland, UK. ML2 7JH
E sandra@ispoint.org



PART A: LOWER LIMB PROSTHETICS

The interviewer should ask the graduate to tell them about their patient and note if the graduate has presented appropriate patient information for each section. It is not necessary to note the full patient history, but it is important to note any omissions or errors.

P

THE CLINICAL RECORD

1. Is a referral prescription available? yes no

If yes, how complete is it?

Who wrote the prescription?

2. A. Are clinical records available? yes no

B. Are the records complete? yes no
Elaborate:

3. Is an adequate assessment recorded in the record? yes no

Elaborate:

PATIENT ASSESSMENT AND CLINICAL PRACTICE

4. Age: _____ Gender: male female

Side affected: left right

5. Medical history *(chronological order)*

6. Social history *(including occupation, home, social activities and environment)*

7. Description of physical disability:

8. Previous prosthetic history *(including prescription, comfort, repairs, lifespan of previous device and affordability)*

9. What difference has the prosthetic service has made to the user's life? (Including education, employment, participating in society). If the graduate does not know, please ask them to ask their patient now and document their answer.

10. Comment on the graduate's evaluation of:

Residual limb:

Skin condition:

Range of motion:

Muscle strength:

Pain: (location and characteristics)

Level pelvis:

Sound side and upper limb function:

11. Did the graduate rate the functional grade of the client with the prosthesis? yes no

Elaborate:

Did they use a rating scale? yes no

12. Does the graduate think the prosthesis is meeting the client's needs? yes no partly

Elaborate:

13. Does the interviewer think the prosthesis is appropriate? yes no partly

Elaborate:

PROSTHETIC SPECIFICATION AND CONSTRUCTION

14. Describe the prosthesis: PF AD TT KD TF HD

Prosthesis Design			Socket Material			Socket Design		
	right	left		right	left		right	left
Exoskeletal			Thermoplastic			Quadrilateral		
Endoskeletal			Laminate resin			Ischial containment		
Total contact			Aluminium			PTB		
Open ended			Wood			PTS		
			Other			Other		
Foot			Suspension			Knee Joint		
	right	left		right	left		right	left
Single axis			Vacuum			Swing phase		
Multi axis			Vacuum/sleeve			Stance phase		
SACH			Supracondylar			Polycentric		
Moulded SACH			Cuff strap			Uni-axial		
Energy storing			Waist belt/corset			Side bars		
Other			Other			Locked		
						Other		

15. Is there a liner? yes no

If so, describe:

16. Comment on the durability of the limb:



17. Did the graduate fabricate this prosthesis? <input type="checkbox"/> yes <input type="checkbox"/> no If not, who did?	
18. Age of prosthesis <i>(left and/or right)</i>	Using most recent device? <i>(left and/or right)</i>
19. Has there been any follow up since delivery? <input type="checkbox"/> yes <input type="checkbox"/> no Explain:	
20. Did the graduate identify treatment goals? <input type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> partly Explain:	
Interviewer to note if aspects of prescription and technical specification were adequate: <i>(tick and/or comment only if applicable)</i>	
Socket fit A/P	<input type="checkbox"/> yes <input type="checkbox"/> no
Socket fit M/L	<input type="checkbox"/> yes <input type="checkbox"/> no
Socket fit proximal	<input type="checkbox"/> yes <input type="checkbox"/> no
Socket fit distal	<input type="checkbox"/> yes <input type="checkbox"/> no
Socket suspension	<input type="checkbox"/> yes <input type="checkbox"/> no
Trim lines	<input type="checkbox"/> yes <input type="checkbox"/> no
Leg length	<input type="checkbox"/> yes <input type="checkbox"/> no
Static alignment	<input type="checkbox"/> yes <input type="checkbox"/> no
Dynamic alignment	<input type="checkbox"/> yes <input type="checkbox"/> no
General construction	<input type="checkbox"/> yes <input type="checkbox"/> no
General finish <i>(edges/details)</i>	<input type="checkbox"/> yes <input type="checkbox"/> no
Material choices	<input type="checkbox"/> yes <input type="checkbox"/> no
Appearance	<input type="checkbox"/> yes <input type="checkbox"/> no
Foot selection	<input type="checkbox"/> yes <input type="checkbox"/> no
Knee selection	<input type="checkbox"/> yes <input type="checkbox"/> no
Hip selection	<input type="checkbox"/> yes <input type="checkbox"/> no
21. Ask the graduate <i>"Could the prosthesis be improved in any way?"</i> Note response:	

End of Part A

Please thank the patient for their participation.
The patient can now leave and the interview continues with the graduate alone.



PART B EXTENDED GRADUATE INTERVIEW

REVIEWING THE CASE

Do you think your selection of materials and components was appropriate?	Response:
Are you happy with the prosthetic fit?	Response:
Did you achieve a good static alignment?	Response:
Are you happy with the foot position?	Response:
Are there any issues with dynamic alignment?	Response:
If a knee joint was used is it positioned correctly?	Response
If a hip joint was used was it positioned correctly?	Response
What are the gait deviations and how did you correct them?	Response:
Please comment on the quality of construction of the device.	Response:
Is this prosthesis appropriate for this patient?	Response

Note further comments if they are made:

EDUCATION AND TRAINING

- 22. What part of your professional training was most beneficial to you?
- 23. Are there any topics you wish you had learned more about in your course? *Pathologies, etc*
- 24. What kind of continuing education courses about specific conditions or skills would you like to be able to attend?
- 25. What other techniques or technologies would you like to introduce to your centre?

FEEDBACK AND PERSONAL DEVELOPMENT PLAN

The interviewer will review the contents of this data collection form with the graduate and together identify at least 3 areas that require clinical practice development. Where graduates demonstrate consistent good practice, other development needs can be discussed.

SMART criteria should be used – Specific, Measurable, Attainable, Relevant and Timely

- 1.
- 2.
- 3.

For ISPO initiated graduate audits, please pass, scan and email, or post this form to:
Mrs Sandra Sexton, ISPO Grant Manager
“Drumgelloch”, 95 Dryburgh Road, Wishaw, Lanarkshire, Scotland, UK. ML2 7JH
E sandra@ispoint.org



Participant take home sheet

Dear ISPO Certified Graduate,

Thank you for your participation in this graduate follow up interview. The interview is part of a bigger study called “A study of professional skills and development needs of clinical personnel in prosthetics and orthotics in lower income countries”.

Please find below a note of the feedback given at the time of interview. If you have provided us with an email or postal address we will send you a copy of the final study report.

PART B: FEEDBACK AND PERSONAL DEVELOPMENT PLAN

As part of a graduate follow up plan, you have identified with the ISPO interviewer at least 3 areas for your own clinical practice development.

Put dates in your diary to review your own progress against each area.

1.

2.

3.

SMART criteria – Specific, Measurable, Attainable, Relevant and Timely.

Please visit www.ispoint.org for updates and information about the International Society for Prosthetics and Orthotics. We hope you will become a member of our professional community.

If you would like to contact us in the future about this study please contact:

Mrs Sandra Sexton

International Society of Prosthetics and Orthotics

ISPO Grant Manager

E: grant.admin@ispoint.org or ispo@ispoint.org

W: www.ispoint.org

ISPO Head Office: 22-24 Rue du Luxembourg, B-1000 Brussels – Belgium

To become a member of ISPO and become part of our network, receive regular e-newsletters and regular issues of the scientific journal *Prosthetics and Orthotics international* please submit membership fees annually to your ISPO National Member Society or ISPO Head Office.



Participant Information Sheet – ISPO Certified Graduates

Title of the study: A study of professional skills and development needs of clinical personnel in prosthetics and orthotics in lower income countries.

Introduction: The International Society for Prosthetics and Orthotics (ISPO) certifies prosthetists/orthotists (ISPO Category I) or orthopaedic technologists (ISPO Category II) graduating from ISPO evaluated courses of study. ISPO has a program of activity grant funded by USAID named “Rehabilitation of physically disabled people in developing countries”. One of the objectives of the grant is to assess the impact of ISPO recognised Category I and II training.

What is the purpose of this study? This Graduate Audit survey aims to audit graduate skills and help determine the professional development needs of the graduate. It focusses on the patient/clinician experience and aims to assess the impact of ISPO Category I or II training on:

- the end user of prosthetic and orthotic devices
- the quality of prosthetic/orthotic treatment

Is taking part compulsory? It is up to you to decide whether or not you wish to take part. Taking part or not does not influence your certification with ISPO. Participation in this study is voluntary. Unique identifiers will not be part of published data.

What will you do in the study? Each participating graduate will be interviewed by an experienced clinician or educator about lower limb clinical care at the end of a patient review appointment both with their patient (PART A) and then without their patient present (PART B).

Prior to commencement of the interview you will be asked to note demographic data about yourself and the patient on a form and also to note answers to questions about your professional practice.

PART A: with the patient present, the interviewer will ask the graduate to present their patient case. The interviewer will take notes on a form during the interview. It is estimated that this interview will take about 30 minutes to complete.

PART B: once the patient has left, the interviewer will review the interview form with the graduate and then will identify at least 3 areas for clinical practice development that the graduate can work on alone. Where graduates demonstrate consistent good practice, other development needs can be discussed. This will take up to 30 minutes. At the end of the interview you will be given a note of feedback and a personal development plan.

Why have you been invited to take part? You have been identified to take part because you are a graduate of an ISPO recognised program working in a lower income country.

What are the potential risks to you in taking part? No risks have been identified. Should you have any concerns about the study, please contact the ISPO Grant Manager.

What happens to the information in the study? All forms will be coded and no identifying information will be provided in any study report.

What happens next? If you are able and wish to participate in this study you will be asked to sign a consent form before proceeding with the interview.

Questions or concerns?

Contact Sandra Sexton, ISPO Grant Manager

95 Dryburgh Road, Wishaw, Scotland, UK

Email grant.admn@ispoint.org Phone 0044 (0)1698 296655

Or ISPO Head Office: 22-24 Rue du Luxembourg, B-1000 Brussels, Belgium



**GRADUATE TO READ:
Information for your patients**

Title of the study: A study of professional skills and development needs of clinical personnel in prosthetics and orthotics in lower income countries.

Please explain the study to patients in the local language, or English if your patient understands English, using the guide below:

- I was trained at a training program that is recognised by an organisation called the International Society for Prosthetics and Orthotics. I have agreed to take part in a study about my skills and want to ask you to take part as well.

- **The purpose of the study:** the study looks into the skills of your health professional. We want to find out about their skills and any areas for development.

- **Taking part in the study:** Taking part or not taking part does not influence your treatment. Participation in this study is voluntary and the decision is yours alone

- **What will you do in the study?** Your health professional will be asked to explain your situation and treatment to an interviewer who is an experienced clinician or clinical teacher. The interviewer will take notes on a form during the interview which will take about 30 minutes. That is the end of your participation in the study.

- **Why have you been invited to take part?** You have been invited to take part because you have received treatment from your health professional who attended a specific training program.

- **Are there any risks to you in taking part?** No risks have been identified. Should you have any questions about the study, please talk to your health professional.

- **What happens to the information in the study?** All forms will be coded and no patients can be identified in any study report.

- **What happens next?** If you are able and wish to participate in this study you will be asked to tell us that you agree to take part before proceeding with the interview during a review/check-up appointment. Travel expenses will be covered and also expenses for a drink and snack will be provided for people away from home over 2 hours.



Consent Form

International Society for Prosthetics and Orthotics

Title of the study: A study of professional skills and development needs of clinical personnel in prosthetics and orthotics in lower income countries

- I confirm that I have read and understood the information sheet for the above project and the researcher has answered any queries to my satisfaction.
- I understand that my participation is voluntary and that I am free to withdraw from the project at any time, without having to give a reason and without any consequences.
- I understand that I can withdraw my data from the study at any time.
- I understand that any information recorded in the investigation will remain confidential and no information that identifies me will be made publicly available.
- I consent to being a participant in the project

(PRINT NAME)	Hereby agrees to take part in the above project
Signature of Participant:	Date

