

Publications & Research Dissemination

Cornelia A. Barth, PT BSc MSc

Peer-reviewed publications

- Barth, C.A.**, Wladis, A., Nobhojit, R., Blake, C., Kolo S.M., O’Sullivan, C., 2022. Global Surgery 2030 and Rehabilitation 2030: challenges and proposed solutions to optimise surgical outcomes in low- and middle-income countries. Accepted for publication in Bulletin of the World Health Organization
- Leresche, E., Hossain, M., Rossi, R., Truppa, C., **Barth, C.A.**, Mactaggart, I., Leaning, J., Singh, N., 2022. Do we really want to know? The journey to implement empirical research recommendations in ICRC’s responses in Myanmar and Lebanon. *Disasters* n/a. <https://doi.org/10.1111/disa.12549>
- Barth, C.A.**, Wladis, A., Blake, C., Bhandarkar, P., Aebischer Perone, S., O’Sullivan, C., 2021. Retrospective observational study of characteristics of persons with amputations accessing International Committee of the Red Cross (ICRC) rehabilitation centres in five conflict and postconflict countries. *BMJ Open* 11, e049533. <https://doi.org/10.1136/bmjopen-2021-049533>
- Barth, C.A.**, Donovan-Hall, M., Blake, C., Akhtar, N.J., Martial Capo-Chichi, J., O’Sullivan, C., 2021. A Focus Group Study to Understand the Perspectives of Physiotherapists on Barriers and Facilitators to Advancing Rehabilitation in Low-Resource and Conflict Settings. *International Journal of Environmental Research and Public Health Article Int. J. Environ. Res. Public Health* 18, 12020. <https://doi.org/10.3390/ijerph182212020>
- Barth, C.A.**, Wladis, A., Blake, C., Bhandarkar, P., O’Sullivan, C., 2020. Users of rehabilitation services in 14 countries and territories affected by conflict, 1988–2018. *Bulletin of the World Health Organization* 98, 599–614. <https://doi.org/10.2471/BLT.19.249060>
- Kahler, R., Probst, A., **Barth, C.A.**, 2020. Die Erfahrungen von Physiotherapeuten in der internationalen Freiwilligenarbeit im Ausland – Eine Analyse aus postkolonialer Perspektive [Physiotherapists in International Voluntary Work Abroad - An Analysis of Field Reports from a Postcolonial Perspective. *physioscience* 16, 158–166. <https://doi.org/10.1055/a-1101-0221>
- Barth, C.A.**, 2019. Meeting the needs of people with physical disabilities in crisis settings. *Bulletin of the World Health Organization* 97, 790-790A. <https://doi.org/10.2471/BLT.19.246918>
- Barth, C.A.**, Schemmann, U, von Koch, L, 2007. Rollen im Kontext: Interaktion während Physiotherapie in der Schlaganfallrehabilitation, Überblick über qualitative Studien [Roles in Context: Issues of Interaction during Physiotherapy in Stroke Rehabilitation, Review of Qualitative Studies]; *physioscience* 3, 167-176. doi: 10.1055/s-2007-963652.
- Barth, C.A.**, 2005. Kritische Einschätzung der Modifizierten Ashworth-Skala, ihrer Gütekriterien und ihre Anwendung in der klinischen Praxis [Critical Appraisal of the Modified Ashworth Scale, its Psychometric Properties and its Use in Clinical Practice]; *physioscience* 1, 13-18. doi: 10.1055/s-2005-858096.

Conference contributions

- Barth C.** Physical rehabilitation in challenging contexts of conflict, post-conflict, low resources and fragile health systems. ADAPT Physiotherapists for Global Health Online Conference 2021. **Invited presentation.**
- Dickinson A, Kheng S, **Barth C**, Berthaume M, Henson D. Conducting Worthwhile P&O Research in Low-Resource Settings: What Constitutes Useful Data? A data-driven approach to drive stakeholder-defined impact. 18th World Congress of the International Society for Prosthetics and Orthotics 2021. Virtual edition. **Symposium.**
- Metcalfe C, Ostler C, Donovan-Hall M, Kheng S, **Barth C.** Conducting worthwhile P&O Research in Low Resource settings: What Constitutes Good Research, and a Good Outcome?. 18th World Congress of the International Society for Prosthetics and Orthotics 2021. Virtual edition. **Advanced Instructional Course.**
- Barth C**, Wladis A, Blake C, Bhandarkar P, O’Sullivan C. The GRACE project: gender aspects in rehabilitation of persons with amputation in conflict-affected environments. 12th European Congress On Tropical Medicine And International Health 2021, Bergen, Norway. Presentation (by Dr. O’Sullivan).
- Barth C**, Wladis A Blake C, Bhandarkar P, Aebischer Perone S, O’Sullivan C. Early age at amputation and delayed admission to assistive technology and rehabilitation: A retrospective study from conflict and post-conflict states. International Society of Physical and Rehabilitation Medicine. Virtual 2021 Congress. **Poster presentation.**
- Barth C**, Hekman AE, Robert KO, Rodrigues AL, Alsakkaf B. Strengthening Rehabilitation in the Absence of Functioning Health Systems. World Physiotherapy Congress 2021 online. **Focus Symposium.** <https://congress.physio/2021/programme/fs/FS-06>
- Barth C**, Wladis A Blake C, Bhandarkar P, O’Sullivan C. Early age at amputation and delayed admission to assistive technology and rehabilitation: A retrospective study from conflict and post-conflict states. World Physiotherapy Congress 2021 online. **Poster presentation.**
- Barth C**, Brücker E. Amputee rehabilitation. World Physiotherapy Congress 2021 online. Invited co-chair of **networking session.**
- Barth CA**, Blake C, Wladis A, Bhandarkar P, O’Sullivan C. 40 Years of ICRC Physical Rehabilitation Programme – a Global Analysis of Male and Female Users accessing Services since 1979. World Congress of the International Society for Prosthetics and Orthotics 2019, Kobe, Japan. **Platform presentation.**
- O’Sullivan C, **Barth C.** A profile of patients attending physical rehabilitation services of the International Committee of the Red Cross (ICRC) over 40 years (1979-2018). Irish Global Health Network. The Global Health Exchange 2019. Presentation.
- Kleinitz P, Regenass T, Nindorera F, Lippolis G, **Barth C.** Strengthening Rehabilitation Leadership in Line with WHO Rehabilitation 2030 Agenda. **Focus Symposium.** In: World Confederation for Physical Therapy, editor. WCPT 2019 - Abstracts and presentations [Internet]. 2019. Available from: <https://www.abstractstosubmit.com/wcpt2019/archive/#/viewer/abstract/159>; Livestream: <https://www.wcpt.org/wcpt2019/programme/fs/FS-05> (from 47:10)
- Barth C**, Blake C, Wladis A, O’Sullivan C. Rehabilitation in Conflict: Gender Differences in Injury Characteristics of Patients with Amputation attending an ICRC Physical

- Rehabilitation Centre in Iraq. **Platform presentation.** In World Confederation for Physical Therapy; 2019. Available from:
<https://www.abstractstosubmit.com/wcpt2019/archive/#/viewer/abstract/2999>
- Barth CA**, Montenegro N. Implementation of Physiotherapy Standards in ICRC Supported Projects - Results from 15 Countries. **Poster presentation.** In World Confederation for Physical Therapy, 2019. Available from:
<https://www.abstractstosubmit.com/wcpt2019/archive/#/viewer/abstract/818>
- Song S, **Barth C**, Pheng P, Chhea C, Petoumenos K, Suth S. Change in Quality of Life Among Adults with Lower Limb Amputation after Rehabilitation in Cambodia. In: WCPT 2019 - Abstracts and presentations [Internet]. 2019. Available from:
<https://www.abstractstosubmit.com/wcpt2019/archive/#/viewer/abstract/1853>
- Waje M, **Barth C**, O'Sullivan C, Damascine J, Bernabeu EM. Physiotherapy Association in Niger (AKN) - Where are we today? Results from a Capacity Assessment. In World Confederation for Physical Therapy; 2019. Available from:
<https://www.abstractstosubmit.com/wcpt2019/archive/#/viewer/abstract/2412>
- Ciccone S, Khaing A, **Barth C**. Inclusion of Adapted Yoga in Physical Rehabilitation: Development of a Treatment Practice for Persons with Lower Limb Amputation. In World Confederation for Physical Therapy; 2019. Available from:
<https://www.abstractstosubmit.com/wcpt2019/archive/#/viewer/abstract/2649>
- Song S, Suth S, Graham D, Un S, Chan L, **Barth CA**, Heng V. Improved Functional Mobility among People with Lower Limb Amputation through Physiotherapy Intervention in Cambodia. In World Confederation for Physical Therapy; 2019. Available from:
<https://www.abstractstosubmit.com/wcpt2019/archive/#/viewer/abstract/1856>
- Rather A, Drabu N, Kant S, Parvez Z, Lukkarinen S, Saggurthi P, **Barth C**. Effectiveness of Ponseti Method in an Adolescent Neglected Idiopathic Clubfoot : a Case Study. In World Confederation for Physical Therapy; 2019. Available from:
<https://www.abstractstosubmit.com/wcpt2019/archive/#/viewer/abstract/2047>
- Sharma C, **Barth C**. Developing & Integrating the Role of Physiotherapy in Adaptive Sports in india : Current and Prospective Scenario. In World Confederation for Physical Therapy; 2019. Available from:
<https://www.abstractstosubmit.com/wcpt2019/archive/#/viewer/abstract/2832>
- Berhanu S, Packirisamy V, **Barth C**. Wheelchair Services in Ethiopia: A Call for Prioritization Criteria for Potential Wheelchair Service Seekers. In World Confederation for Physical Therapy; 2019. Available from:
<https://www.abstractstosubmit.com/wcpt2019/archive/#/viewer/abstract/3052>
- Barth C**, Rau B, Veen H, Wladis A. Practice of humanitarian medicine: Development of a rehabilitation protocol for patients with femur fracture under skeletal traction. Humanitarian Congress Berlin 2017, Berlin, Germany. **Poster presentation.**
- Barth C**, Rau B, Veen H. Evidence-Based Practice in Conflict or Disaster Settings: Development of a Rehabilitation Protocol for Patients with Femur Fracture under Skeletal Traction. International Congress of the WCPT 2017, Cape Town, South Africa. **Platform presentation.**
- Ndayishimiye MB, Rau B, **Barth C**. Independence Gained Despite Political Instability: A Case Study of a Person with Spinal Cord Injury in Burundi. International Congress of the WCPT 2017, Cape Town, South Africa. Platform presentation.

Mapinduzi J, Rau B, **Barth C**. Long Term Rehabilitation Following a Political Insecurity Victim in Burundi in 2015. International Congress of the WCPT 2017, Cape Town, South Africa. Platform presentation.

Barth CA, Richter S. An Introduction to a Theory Model for the Development of Physiotherapy as an Independent Profession and First Experiences of its Integration into Undergraduate Education. **Platform presentation**. In: Donaghy M, Gil Pascoal A, Gomes da Silva M, Holten N, Lopes AMF (eds). Programme of Abstracts; European Congress of Physiotherapy Education 4-5 Nov 2004, Estoril, Portugal.

Richter S, Schemmann U, **Barth CA**. Development of a key qualification based evaluation form for the practical education in clinical settings. In: Donaghy M, Gil Pascoal A, Gomes da Silva M, Holten N, Lopes AMF (eds). Programme of Abstracts; European Congress of Physiotherapy Education 4-5 Nov 2004, Estoril, Portugal.

Schemmann U, Richter SC, **Barth CA**. Methodological Competence within Problem-Based Learning in Undergraduate Education. In: Donaghy M, Gil Pascoal A, Gomes da Silva M, Holten N, Lopes AMF (eds). Programme of Abstracts, European Congress of Physiotherapy Education 4-5 Nov 2004, Estoril, Portugal.

Barth CA, Harrison LM, Mayston MJ. Cutaneomuscular Reflexes in the Upper Limb during Development and in Children with Cerebral Palsy. **Platform presentation**. In: The World Confederation for Physical Therapy (WCPT) (ed). CD Rom Abstracts, 14th International WCPT Congress 2003, Barcelona, Spain.
<https://www.wcpt.org/sites/wcpt.org/files/abstracts2003/common/abstracts/2252.html>.

Invited presentations and panels

- Physical Rehabilitation in fragile health systems & the GRACE* project. *Gender aspects in Rehabilitation of persons with Amputations in Conflict Environments. Unisanté 2022, Lausanne, Switzerland. **Colloquium.**
https://www.youtube.com/watch?v=i8aSumFcncFc&list=PLyiLoPC5CF1TYOf_f7mzzhDlkw6gpKqTY&index=10
- Safe and Inclusive Humanitarian Environment. Red Talk. 33rd International Conference of the Red Cross and Red Crescent 2019, Geneva, Switzerland. **Panel.**
- Rehabilitation in Conflict. Second Global Rehabilitation 2030 Meeting 2019, WHO, Geneva, Switzerland. **Presentation.**
- Healthcare in Danger. International Congress of the WCPT 2019, Geneva, Switzerland. **Discussion session.**
- Touch base with WCPT friends. International Congress of the WCPT 2019, Geneva, Switzerland. **Networking session.**
- Applying an Intersectional Approach in Humanitarian Response: addressing Gender Dimensions in ICRC's Physical Rehabilitation Services. Humanitarian Congress Berlin 2018, Berlin, Germany. **Presentation.**
- Alle reden von Global Health – wir gehen hin! [Everyone's talking about global health - we're going there!], Physiokongress 2018, Stuttgart, Germany. **Congress opening lecture.**
- Humanitarian response - Displaced and disabled: what can the physical therapy profession offer? International Congress of the WCPT 2017, Cape Town, South Africa. **Discussion session.**
- Pathologies combinées et projets de réadaptation physique dans des contextes aux ressources limitées. [Combined pathologies and physical rehabilitation projects in low-resource contexts.] Therapie-Tagung/ Journée des thérapeutes. 2015, Crans Montana, Schweiz. **Invited presentation.**
- Haben die Patienten ein Recht auf „pathologische“ Bewegungsmuster? [Do patients have a right on „pathological“ movement patterns?"] Physiokongress 2006, Aachen, Deutschland. **Discussion session.**
- Qualitative Forschung und qualitative Forschungsmethoden. [Qualitative Research and Qualitative Research Methods] 2. Deutsches Symposium Forschung in der Physiotherapie 2005, Göttingen, Deutschland. **Workshop.**
- Das flexible Gehirn. [The flexible brain] Physiokongress 2005, Aachen, Deutschland. **Seminar.**
- Kutanmuskuläre Reflexe der oberen Extremität bei Kindern mit Zerebralparese. [Cutaneomuscular Reflexes in the Upper Limb in Children with Cerebral Palsy] 1. Deutsches Symposium Forschung in der Physiotherapie 2004, Göttingen, Deutschland. **Presentation.**

Book chapters, guidelines, manuals

- Bury T, Holey L, Jalovic D, Almeida P, Alvis K, **Barth C**, Batcho C, Velandia IC, Davidson K, de Caro JX, Finucane L, Greenberg M, Hernandez E, Jones A, Kerry R, Khalil H, Le Thanh V, Lippolis G, Lowe R, Pascual BM, Remedios L, Ronzio O, Sanders B, Skinner M, van Wijchen J, Vongsirinavarat M, Warren J, Woolf R. 2021. Physiotherapist education framework. World Physiotherapy.
- Bury T, Morris L, **Barth CA**, Bernhard LM, Drouin J, Finucane L, Hobbelen H, Human A, O'Neill B, O'Reilly C, Probst M, Skelton P, Smith G, van Bever V, Wadell K, York S, 2020. The Impact of Covid-19 on Fragile Health Systems and Vulnerable Communities, and the Role of Physiotherapists in the Delivery of Rehabilitation. World Physiotherapy response to COVID-19 Briefing paper 5.
- Halford G, Aebischer Perone S, **Barth C**, Benyaich A, Bernabeu Mira E, Jensen FL, Sidler Y, 2020. Management of diabetic foot. ICRC Implementation Plan. International Committee of the Red Cross. Geneva, Switzerland.
- Barth, C.A.**, Pott, C., 2005. Untersuchen der Bewegungsentwicklung und Bewegungskontrolle: von der Hypothese zur Zielformulierung [Assessing the Development and Control of Movement: from Hypothesis to Goalsetting], in: Hüter-Becker, A. (Ed.), Das Neue Denkmodell in der Physiotherapie [The New Thinking Model in Physiotherapy], Bewegungsentwicklung Und Bewegungskontrolle. Thieme, Stuttgart, pp. 63–139.
- Barth, C.A.**, 2005. Physiotherapie bei Störungen der Bewegungsentwicklung und Bewegungskontrolle: Plus- und Minussymptomatik. [Physiotherapy for Disorders in the Development and Control of Movement: Plus- and Minus Symptoms], in: Hüter-Becker, A. (Ed.), Das Neue Denkmodell in der Physiotherapie [The New Thinking Model in Physiotherapy], Bewegungsentwicklung Und Bewegungskontrolle. Thieme, Stuttgart, pp. 140–177.
- Barth, C.A.**, 2005. Physiotherapie bei Störungen der Bewegungsentwicklung und Bewegungskontrolle: Posturale Kontrolle. [Physiotherapy for Disorders in the Development and Control of Movement: Postural Control], in: Hüter-Becker, A. (Ed.), Das Neue Denkmodell in der Physiotherapie [The New Thinking Model in Physiotherapy], Bewegungsentwicklung Und Bewegungskontrolle. Thieme, Stuttgart, pp. 177–244.

Non-peer reviewed publications

- Barth, C.A.**, Bjoerk, M., Cemulini, V., O'Sullivan, C., 2019. Workshop report for ICRC-sponsored delegates to WCPT Congress 2019 [WWW Document]. URL <https://world.physio/news/workshop-report-for-ICRC-sponsored-delegates-to-WCPT-Congress-2019>.
- Barth, C.A.**, 2018. Qualitative Physiotherapie für jeden. PT Zeitschrift für Physiotherapeuten 70, 22–27.
- Barth, C.A.**, 2018. Global Health – Zukunftsfeld der Physiotherapie. VPT Magazin 04, 14–15. <https://doi.org/10.1055/s-0038-1673509>
- Barth, C.A.**, 2013. „Ein Studium mit täglichen Prüfungen“ - Als Physiotherapeutin in humanitären Projekten. physiopraxis 11, 48–50. <https://doi.org/10.1055/s-0033-1353407>
- Barth, C.A.**, 2011. Querschnittzentrum auf Sri Lanka – Paralympics im Krisengebiet. physiopraxis 9, 52–55. <https://doi.org/10.1055/s-0031-1298046>
- Barth, C.A.**, 2005. Wissenschaft verstehen, Folge 25: Qualitative Forschungsansätze in der Physiotherapie. Zeitschrift für Physiotherapeuten 6, 1020–1028.
- Barth, C.A.**, 2003. Etablierte Methode im Blick der Wissenschaft - Das Bobath-Konzept unter der Lupe. physiopraxis 1, 26–28. <https://doi.org/10.1055/s-0032-1307736>
- Barth, C.A.**, 2003. Bewegung bahnen durch Reflexe - Das Vojta-Konzept unter der Lupe. physiopraxis 1, 18–20. <https://doi.org/10.1055/s-0032-1307734>
- Barth, C.A.**, 2003. „Evidenzbasierte Neurophysiotherapie – Befund, Behandlungsplan und klinisch-experimentelle Evidenzbasierung des zweiwöchigen Behandlungsabschnittes eines Multiple Sklerose Patienten“. Zeitschrift für Physiotherapeuten.
- Barth, C.A.**, 2002. Wer fragt nach dem Master of Science? - erste Eindrücke nach drei Monaten am University College London. Zeitschrift für Physiotherapeuten 2, 263–265.