

PUBLICATIONS & RESEARCH DISSEMINATION

Cornelia A. BARTH, PT, BSc, MSc, PhD

PEER-REVIEWED PUBLICATIONS

- ShahAli, S., Shahabi, S., Etemadi, M., Hedayati, M., **Barth, C.A.**, Mojgani, P., Behzadifar, M., & Lankarani, K. B., 2023. Barriers and facilitators of integrating physiotherapy into primary health care settings: A systematic scoping review of qualitative research. *Heliyon*, 9(10), e20736. <https://doi.org/10.1016/j.heliyon.2023.e20736>
- Barth, C.A.**, Donovan-Hall, M., Blake, C., Akhtar, N.J., Al-Barawi, S., Kabizwe, H., O'Sullivan, C., 2023. "Otherwise ... he will be a beggar": A focus group study to understand the perspectives of physiotherapists about measuring rehabilitation outcomes and impact in low-resource and conflict-affected settings. *Disability and Rehabilitation*. <https://doi.org/10.1080/09638288.2023.2240706>
- Barth, C. A.**, Wladis, A., Roy, N., Blake, C., Kolo, S. M., & OSullivan, C., 2022. Ways to improve surgical outcomes in low- and middle-income countries. *Bulletin of the World Health Organization*, 100(11), 726–732. <https://doi.org/10.2471/blt.22.287950>
- 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* 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>. Epub 2020 Jul 8. PMID: 33012860; PMCID: PMC7463199
- 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>

BOOK CHAPTERS, GUIDELINES, MANUALS

- Bury, T., Holey, L., Jalovcic, D., Almeida, P., Alvis, K., **Barth, C.**, Batcho, C., Velandia, I.C., Davidson, K., de Caro, J.X., Finucane, L., Greenberg, M., Hernandez, E., Jones, A., Kerry, R., Khalil, H., Le Thanh, V., Lippolis, G., Lowe, R., Pascual, B.M., 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, C.A.**, Bernhard, L.M., 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, F.L., 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.

INVITED PRESENTATIONS AND LECTURES

A conceptual framework on rehabilitation in conflict. **Presentation.** National Congress on Multidisciplinary Rehabilitation 2023, Lviv, Ukraine.

“Nobody’s going to marry me now“ - être un homme avec handicap dans des contextes humanitaires. [Being a man with a disability in humanitarian contexts]. Seminar Masculinités, santé, genre. Aux intersections des savoirs et des pratiques sur les corps. **Presentation.** Université de Genève, Unisanté 2023, Lausanne, Switzerland.

Physical Rehabilitation in fragile health systems & the GRACE* project. *Gender aspects in Rehabilitation of persons with Amputations in Conflict Environments. **Colloquium.** Unisanté 2022, Lausanne, Switzerland. https://www.youtube.com/watch?v=i8aSumFcnFc&list=PLyiLoPC5CF1TYOf_f7mzzhDlkw6gpKqTY&index=10

Rehabilitation im Rahmen von Global Health [Rehabilitation within Global Health.]. **Modules** within course “Internationale Zusammenarbeit und Globale Gesundheit“ [international cooperation and global health]. Swiss TPH 2020, 2021, Basel, Switzerland.

Rehabilitation in Conflict. **Presentation.** Second Global Rehabilitation 2030 Meeting 2019, WHO, Geneva, Switzerland.

Gesundheitsberufe und Rehabilitation im Rahmen von Global Health am Beispiel Physiotherapie – wie sehen Projekte in Krisengebieten und ‘low resource settings’ aus und was hat das mit uns in Europa zu tun? Zusammenhänge, Herausforderungen, Erfolgsindikatoren. [Health professions and rehabilitation in the context of Global Health using the example of physiotherapy - what do projects in crisis areas and 'low resource settings' look like and what does this have to do with us in Europe? Contexts, challenges, success indicators]. **Lecture.** Hochschule für angewandte Wissenschaft und Kunst / University of Applied Sciences and Arts (HAWK), 2019, Hildesheim, Germany.

Health and rehabilitation in the fragile health systems of conflict-affected contexts. **Lecture.** MSc Health in a Global Society, 2022, University College Dublin, Ireland.

Physiotherapy in low resource and conflict contexts. **Lectures.** BSc Physiotherapy, 2018, 2019, 2021, 2022, University College Dublin, Ireland.

Global Health – le rôle de la physiothérapie – l’approche CICR. [Global Health, the role of physiotherapy, the ICRC approach]. **Module** Humanitaire. Haute École de Santé, Filière Physiothérapie, 2018, Geneva, Switzerland.

Physiotherapie im internationalen Kontext [Physiotherapy in an international context]. **Lecture.** Hochschule Fresenius, BSc Studiengang Physiotherapie 2017, München, Germany.

Pathologies combinées et projets de réadaptation physique dans des contextes aux ressources limitées [Combined pathologies and physical rehabilitation projects in low-resource contexts]. **Lecture.** Therapie-Tagung/ Journée des thérapeutes 2015, Crans Montana, Switzerland.

CONFERENCE CONTRIBUTIONS

Freitas, M., Santos, R., Arienti, C., Negrini, S., Bekkering, G., Giraldo-Prieto, M., Lugo-Agudelo, L., Casino, G., Li, X., Vaz Carneiro, A., Pillai, M.N., **Barth, C.**, Kiekens, C. Cochrane Rehabilitation Blogshot translation: a partnership model of evidence dissemination. **Poster presentation**. Cochrane Colloquium 2023, London, UK.

Disparities in Accessing Health Care. **Panelist**. World Physiotherapy Congress 2023, Dubai, UAE.

Rehabilitation in Conflict: What Does it Take to Improve Service Delivery in Extreme Settings? **Seminar chair**. World Physiotherapy Congress 2023, Dubai, UAE.

Amputee rehabilitation. **Co-chair of networking session**. World Physiotherapy Congress 2023, Dubai, UAE.

Barth, C.A., Donovan-Hall, M., Blake, C., Akhtar, N.J., Al-Barawi, S., Kabizwe, H., O'Sullivan, C. "Otherwise ... He will be a beggar": a Focus Group Study on Measuring Rehabilitation Outcomes in Low-Resource and Conflict Settings. **E-Poster Presentation**. World Physiotherapy Congress 2023, Dubai, UAE.

Barth, C.A. Understanding and Strengthening Rehabilitation in Fragile Contexts: The Rehabilitation in Conflict Framework. **E-Poster Presentation**. World Physiotherapy Congress 2023, Dubai, UAE.

Dickinson, A., Kheng, S., **Barth, C.**, Berthume, 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. **Symposium**. 18th World Congress of the International Society for Prosthetics and Orthotics 2021. Virtual edition.

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? **Advanced Instructional Course**. 18th World Congress of the International Society for Prosthetics and Orthotics 2021. Virtual edition.

Physical rehabilitation in challenging contexts of conflict, post-conflict, low resources and fragile health systems. **Presentation**. ADAPT Physiotherapists for Global Health Online Conference 2021.

Barth, C.A., Wladis, A., Blake, C., Bhandarkar, P., O'Sullivan, C. The GRACE project: gender aspects in rehabilitation of persons with amputation in conflict-affected environments. **Presentation** (by Dr. O'Sullivan). 12th European Congress On Tropical Medicine And International Health 2021, Bergen, Norway.

Barth, C.A., Wladis, A., Blake, C., Bhandarkar, P., Aebischer Perone, S., O'Sullivan, C., 2021. Early age at amputation and delayed admission to assistive technology and rehabilitation: A retrospective study from conflict and post-conflict states. **Poster presentation**. International Society of Physical and Rehabilitation Medicine. Virtual 2021 Congress.

Barth, C., Hekman, A.E., Robert, K.O., Rodrigues, A.L., Alsakkaf, B. Strengthening Rehabilitation in the Absence of Functioning Health Systems. **Focus Symposium**. World Physiotherapy Congress 2021 online. <https://congress.physio/2021/programme/fs/FS-06>

Barth, C.A., 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. **Poster presentation**. World Physiotherapy Congress 2021 online.

Amputee rehabilitation. Co-chair of **networking session**. World Physiotherapy Congress 2021 online.

Barth, C.A., Wladis, A., Blake, C., Bhandarkar, P., O'Sullivan, C. 40 Years of ICRC Physical Rehabilitation Programme – a Global Analysis of Male and Female Users accessing Services since 1979. **Platform presentation**. World Congress of the International Society for Prosthetics and Orthotics 2019, Kobe, Japan.

Safe and Inclusive Humanitarian Environment. Red Talk. **Panelist**. 33rd International Conference of the Red Cross and Red Crescent 2019, Geneva, Switzerland.

- 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). **Presentation** (by Dr O'Sullivan). Irish Global Health Network. The Global Health Exchange 2019, Dublin, Ireland.
- 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)
- Healthcare in Danger. **Chair of discussion session**. International Congress of the WCPT 2019, Geneva, Switzerland.
- Touch base with WCPT friends. **Chair of networking session**. International Congress of the WCPT 2019, Geneva, Switzerland.
- Barth, C.A.**, 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, C.A.**, 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, E.M. 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>
- Ciccione, 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, C.A.**, 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>
- Applying an Intersectional Approach in Humanitarian Response: addressing Gender Dimensions in ICRC's Physical Rehabilitation Services. **Panelist**. Humanitarian Congress Berlin 2018, Berlin, Germany.
- Alle reden von Global Health – wir gehen hin! [Everyone's talking about global health - we're going there!]. **Congress keynote**. Physiokongress 2018, Stuttgart, Germany.

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. **Poster presentation.** Humanitarian Congress Berlin 2017, Berlin, Germany.

Humanitarian response - Displaced and disabled: what can the physical therapy profession offer? **Panelist.** International Congress of the WCPT 2017, Cape Town, South Africa.

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. **Platform presentation** International Congress of the WCPT 2017, Cape Town, South Africa..

Ndayishimiye, M.B., Rau, B., **Barth, C.** Independence Gained Despite Political Instability: A Case Study of a Person with Spinal Cord Injury in Burundi. **Platform presentation.** International Congress of the WCPT 2017, Cape Town, South Africa.

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

NON-PEER REVIEWED PAPERS AND DISSEMINATION VIA SOCIAL MEDIA

Cornelia Barth, youtube channel. Featuring our research on physiotherapy and rehabilitation in contexts of conflict and fragile health systems. <https://www.youtube.com/@thespacekid>

Unisanté. [3 questions à...] Des décisions de santé éclairées grâce aux revues systématiques. Interview de Cornelia Barth, 2023. <https://www.youtube.com/watch?v=YJcFcWE4gJw&t=6s>

University College Dublin. International Day of Women and Girls in Science 2022. Cornelia Barth “How does your research make the world a better place?”
<https://www.ucd.ie/phpss/newsandevents/internationaldayofwomenandgirlsinscience2022/idwgs2022corneliabarth/>

Physiopedia, 2021. Cornelia Barth—The Role of Rehabilitation Within Low-Resource Settings.
<https://vimeo.com/physiopedia/review/591881323/71add4a5fe>

Irish Society of Chartered Physiotherapists, Chartered Physiotherapists in International Health and Development Special Interest Group (CPIHD), 2020. Podcast. Episode #1 - Cornelia Barth.
<https://open.spotify.com/episode/6G5sDPJyNWi60cKdlmEoue?si=FUdkXRS6TF2wYdiVarHggA>

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.

pt-Zeitschrift für Physiotherapeuten, 2018. Cornelia Barth - pt-Fachvideo: Physiotherapie bei Schlaganfall mit einem webbasierten Übungsprogramm. <https://www.youtube.com/watch?v=b-bxotEjRZo>

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>