

I'm not a robot



solution due to the negative consequences on families and on the social and emotional development of children. Unless interventions are based on a holistic conception of human rights as indivisible, children with albinism will remain socially excluded and segregated from their families and communities [14]. The UNCRPD [13] contains specific obligations on governments to challenge the stereotypes and prejudices experienced by PWA, with what seems to be a patchy response. Segregation, for whatever reason, contravenes fundamental rights to leading independent, fulfilling lives, accessing education and work and developing relationships within local communities. In addition, the voices of children with albinism on this subject have not been heard, despite their right to express their views and choices on matters affecting them. Whilst there is an argument that this might apply to most African children, those with albinism are afforded no voice at all at this time. Clearly significant challenges remain in protecting and promoting the rights of PWA. The evidence suggests that a starting point has to be in ensuring the identification, conviction and punishment of perpetrators of violence towards this group of people and in addressing discrimination and prejudice. Further work is also needed to promote awareness and understanding of albinism and to secure the multitude of other rights being denied to PWA and their families. A qualitative study with 15 participants (aged 18–48 years) in South Africa illustrated that people with albinism want to eradicate myths and misconceptions, lobby for their rights and be treated with dignity and equality [1]. The study suggested that the role of albinism advocacy groups was valued by those accessing them. In particular, the provision of services such as counselling and raising awareness had enhanced self-esteem and a sense of empowerment. Advocacy was also seen as crucial in influencing the media, NGOs and governments. Employment was perhaps not surprisingly also found to be associated with higher levels of self-esteem [1]. Empowering children and young people and advocating for their rights requires financial investment and political will from those in local and national positions of power. Accessing complaints, investigating and reporting mechanisms under the African Children’s Charter and the CRC could be, and has to some extent been, utilised as a potential avenue by advocacy groups to pressure governments and organisations to take human rights violations seriously and improve the human rights of children with albinism. If national legal systems do not provide a remedy for human rights violations, alternatives such as the Optional Protocol to the Convention on the Rights of the Child on a communications procedure (OP3 CRC) which came into force on 14 April 2014 [40], could also provide children themselves with the opportunity to access justice at an international level. However, children will only be able to use this complaints procedure if their States ratify OP3 CRC, and this is yet to happen across most of Africa. The requirement for countries to fulfil their obligations under the UNCR and UNCRPD should be a stimulus for action, enacted in legislative measures, implementation plans and full evaluation and measurement of impact of actions [17]. Despite such obligations, politically active disabled people call repeatedly for the strengthening of human rights frameworks which recognise and address the barriers they face [41]. There is a severe lack of rigorous empirical research into understanding the lives of PWA, especially from their perspective and within a social-relational model of disability. Their voice concerning how their rights are being enacted or denied, the barriers they face and what might better support, empower and protect them has to date been denied. The limited available evidence on living with albinism has been predominately adult focused, with little attention being given to the unique experiences of children. Exploring what is known about children with albinism within an integrated disability and rights lens helps to identify and frame the barriers faced by this group and suggest possible ways to overcome them. The CRC and CRPD together provide a framework for children with albinism and their advocates to call governments and others accountable when their rights are not enacted and thus create, or permit the continuation of, barriers to ‘being’ and ‘doing’. Together these conventions should provide multiple avenues to facilitate the protection and rights of children with albinism. In addition, our debate has illuminated the need to develop and enact a holistic concept of rights for PWA, which sees human rights as indivisible. Although little attention has been given to the issue, the evidence highlights that in trying to meet the fundamentally critical right to life and protection, other important rights are being denied. This debate has emphasized specific ways in which the lives of PWA could be improved by addressing the ‘barriers to being’ and ‘barriers to doing’. At its heart this requires both a shift in attitude and action to address discrimination among this group of people. We are grateful to Luisa Tarczynski-Bowles and Claire Pillinger at Coventry University who were the research assistants on the FIRA project and assisted with the initial literature review. A major part of the literature review that informed this debate was funded by the International Foundation of Applied Disability Research (FIRA) for a study led by PL at Coventry University. The University of Birmingham contributed the publication costs. All data supporting the debate is contained within the manuscript. Any additional information can be shared upon request. NGO Non-governmental organization PWA People with albinism UNCR United Nations Convention on the Rights of the Child UNCRPD United Nations Convention on the Rights of Persons with Disabilities WHO World Health Organization PL and AF conceived the debate, participated in its design and contributed to writing the manuscript. JT and CBJ developed the themes and structure and contributed to the design and writing of the manuscript. All authors contributed to the integrated theoretical framework. All authors read and approved the final manuscript. Not applicable Not applicable The authors declare they have no competing interests. Springer Nature remains neutral with regard to jurisdictional claims in published maps and institutional affiliations. Anita Franklin, Email: anita.franklin@coventry.ac.uk. Patricia Lund, Email: p.lund@coventry.ac.uk. Caroline Bradbury-Jones, Email: c.bradbury-jones@bham.ac.uk. Julie Taylor, Email: j.taylor.1@bham.ac.uk. 1.Pooe-Moneymore MB], Mavundla TR, Christianson AL. The experience of people with oculocutaneous albinism. Health SA Gesondheid. 2012;17:592-599. [Google Scholar] 2.Thomas C. How is disability understood? An examination of sociological approaches. Disab Soc. 2004;16:569-573. doi: 10.1080/0968759042000252506. [DOI] [Google Scholar] 3.Roelen K, Sabates-Wheeler R. A child-sensitive approach to social protection: serving practical and strategic needs. J Pov Soc Jus. 2012;20:291-306. [Google Scholar] 4.Hong ES, Zeeb H, Repacholi MH. Albinism in Africa as a public health issue. BMC Pub Health. 2006;6:1. doi: 10.1186/1471-2458-6-212. [DOI] [PMC free article] [PubMed] [Google Scholar] 5.Lund PM, Gaigher R. A health intervention programme for children with albinism at a special school in South Africa. Health Ed Res. 2002;17:365-372. doi: 10.1093/her/17.3.365. [DOI] [PubMed] [Google Scholar] 6.Lund PM, Roberts RM. Prevalence of albinism: current population genetics studies and directions for future research: large scale surveys and censuses in Zimbabwe, Namibia and Tanzania. In: Kromberg P, Manga P, editors. Albinism in Africa. San Diego: Elsevier. In press. 7.Yahalom C, Tzur V, Blumenfeld A, Greifner G, Eli D, Rosenmann A, Glanzer S, Anteby I. Refractive profile in oculocutaneous albinism and its correlation with final visual outcome. Br J Ophthal. 2012;96:537-539. doi: 10.1136/bjophthalmol-2011-300072. [DOI] [PubMed] [Google Scholar] 8.Raliavhegwa M, Oduntan AO, Sheni DDD, Lund PM. Visual performance of children with oculocutaneous albinism in South Africa. J Med Gen. 2001;38:535. [Google Scholar] 9.Lund P. Distribution of oculocutaneous albinism in Zimbabwe. J Med Gen. 1996;33:641-644. doi: 10.1136/jmg.33.8.641. [DOI] [PMC free article] [PubMed] [Google Scholar] 10.WHO and the World Bank . World report on disability. 2011. [Google Scholar] 11.NOAH . Social aspects of albinism. 2017. [Google Scholar] 12.Dogbe J, Owusu-Dabo E, Edusei A, Plange-Rhule G, Addofoh N, Baffour-Awuah A, Sarfo-Kantanka O, Hammond C, Owusu M. Assessment of prison life of persons with disability in Ghana. BMC Int Health Hum Rights. 2016; 10.1186/s12914-016-0094-y. [DOI] [PMC free article] [PubMed] 13.United Nations . Convention on the rights of people with disabilities. 2006. [Google Scholar] 14.United Nations Human Rights Council . Attacks and discrimination against people with albinism. 2013. [Google Scholar] 15.United Nations General Assembly . International albinism awareness day. 2014. [Google Scholar] 16.United Nations Office of the High Commissioner . Independent expert on the enjoyment of human rights by persons with albinism. 2015. [Google Scholar] 17.International Bar Association . ‘Waiting to disappear’: international and regional standards for the protection and promotion of the human rights of persons with albinism. 2017. [Google Scholar] 18.United Nations . The United Nations convention on the rights of the child. Geneva: United Nations; 1989. [Google Scholar] 19.African Commission on Human and Peoples’ Rights . African charter on the rights and welfare of the child. 1999. [Google Scholar] 20.Union of the Physically Impaired Against Segregation . Fundamental principles of disability. London: UPIAS; 1976. [Google Scholar] 21.Connors C, Stalker K. Children’s experiences of disability: pointers to a social model of childhood disability. Disab Soc. 2007;22:19-33. doi: 10.1080/09687590601056162. [DOI] [Google Scholar] 22.Brocio G. Albinism, stigma, subjectivity and global-local discourses in Tanzania. Anthropol Med. 2016;23:229-243. doi: 10.1080/13648470.2016.1184009. [DOI] [PMC free article] [PubMed] [Google Scholar] 23.Alum A, Gomez M, Ruiz E. Hocus pocus, witchcraft, and murder: the plight of Tanzanian albinos. Under the Same Sun. 2009. Accessed 16 May 2016 24.Burke J, Kajjage TJ, John-Langba J. Media analysis of albino killings in Tanzania: a social work and human rights perspective. Ethics Soc Welf. 2014;8:117-134. doi: 10.1080/17496535.2014.895398. [DOI] [Google Scholar] 25.Bucaro S. A black market for magical bones: the current plight of east African albinos. Pub Int Law Rep. 2010;2:15. [Google Scholar] 26.United Nations . Ground-breaking step to tackle impunity for witchcraft related human rights violations. 2017. [Google Scholar] 27.Lund P. Living with albinism: a study of affected adults in Zimbabwe. J Soc Biol Hum Aff. 1998;63:3-10. [Google Scholar] 28.Lund PM. Health and education of children with albinism in Zimbabwe. Health Ed Res. 2001;16:1-7. doi: 10.1093/her/16.1.1. [DOI] [PubMed] [Google Scholar] 29.Wan N. Orange in a world of apples: the voices of albinism. Disab Soc. 2003;18:277-296. doi: 10.1080/0968759032000052860. [DOI] [Google Scholar] 30.Baker C, Lund P, Nyathi R, Taylor J. The myths surrounding people with albinism in South Africa and Zimbabwe. J Afr Cult Stud. 2010;22:169-181. doi: 10.1080/13696815.2010.491412. [DOI] [Google Scholar] 31.Bryceson DF, Jonsson JB, Sherrington R. Miner’s magic: artisanal mining, the albino fetish and murder in Tanzania. J Mod Afr Stud. 2010;48:353-382. doi: 10.1017/S0022278X10000303. [DOI] [Google Scholar] 32.Gaigher RJ, Lund PM, Makuya E. A sociological study of children with albinism at a special school in the Limpopo province. Curatoris. 2002;25:4-11. doi: 10.4102/curatoris.v25i4.793. [DOI] [PubMed] [Google Scholar] 33.Pooe-Moneymore MB]. Integration of children with disabilities into the community: the role of the community nurse. Unpublished Master’s dissertation. Pretoria: University of South Africa; 2003. [Google Scholar] 34.News BBC. Surprise of Tanzania’s albino MP. BBC News World; 2008. Accessed 6 May 2016 35.Kiprono SK, Joseph LN, Naafs B, Chaula BM. Quality of life and people with albinism in Tanzania: more than only a loss of pigment. Open Access Sci Rep. 2012;1:283. [Google Scholar] 36.Phatoli R, Bila N, Ross E. Being black in a white skin: beliefs and stereotypes around albinism at a south African university. Afr J Disab. 2015;4:106-116. doi: 10.4102/ajod.v4i1.106. [DOI] [PMC free article] [PubMed] [Google Scholar] 37.Lynch P, Lund P, Massah B. Identifying strategies to enhance the educational inclusion of visually impaired children with albinism in Malawi. Int J Ed Dev. 2014;39:226-234. [Google Scholar] 38.Miles S. Exploring understandings of inclusion in schools in Zambia and Tanzania using reflective writing and photography. Int J Incl Ed. 2011;15:1073-1102. doi: 10.1080/13603116.2011.555062. [DOI] [Google Scholar] 39.Brown K. Vulnerability: handle with care. Ethics Soc Welf. 2011;5:313-321. doi: 10.1080/17496535.2011.597165. [DOI] [Google Scholar] 40.International Coalition for the OPCRC . Ratify OP3 CRC. 2014. [Google Scholar] 41.Berghs M, Kabbbbara N. Disabled people in conflict and wars. In: Grech S, Soldatic K, editors. Disability in the global south: the critical handbook. Switzerland: Springer; 2016. pp. 269-285. [Google Scholar] This section collects any data citations, data availability statements, or supplementary materials included in this article. All data supporting the debate is contained within the manuscript. Any additional information can be shared upon request. Articles from BMC International Health and Human Rights are provided here courtesy of BMC Oculocutaneous albinism is an autosomal recessive disorder characterized by a lack of pigment in the hair, skin, and eyes. Albinism is caused by defective or absent tyrosinase, an enzyme necessary for melanogenesis. Although rare in the western world, albinism is quite common in sub-Saharan Africa, likely as a result of consanguinity. Albinism has long been associated with stigma and superstitions, such as the belief that a white man impregnated the mother or that the child is the ghost of a European colonist. Recently, a notion has emerged that albino body parts are good-luck charms or possess magical powers. These body parts may be sold for as much as \$75,000 on the black market. As a result there have been over 100 albino murders in Tanzania, Burundi, and other parts of Africa in the past decade, which is now beginning to garner international attention and thus prompting novel legislation. To ameliorate the plight of individuals with albinism in Africa, a coordinated effort must be organized, involving medical professionals (dermatologists, ophthalmologists, oncologists), public health advocates and educators, social workers, human rights and antidiscrimination activists, law-enforcement agencies, and governmental support groups. The main issues that should be addressed include skin cancer prevention education, stigma and discrimination denouncement, and swift prosecution of albino hunters and their sponsors.