

Editorial

### A public health approach to ensure equitable, person-centred solutions to address ear disease, hearing loss and deafness

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#### Article history

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Public health solutions, however, can benefit populations. Further, balancing lenses of health and disability with a social lens enables individuals and promotes inclusive societies. Approaches in hearing health lag behind other health initiatives which have seen considerable gains as a result of reframing clinical challenges as public health ones, and promoting collective action, innovation and transformation. Today, there is wider recognition and appreciation of the challenges that hearing loss and deafness brings at an individual and societal level. A burning platform exists, fuelled by accumulating evidence of the significant impacts of hearing loss across the life course – highlighting the need to act. Yet, coupled with the paucity of data and disparate voices of stakeholders, policy makers cannot know what to prioritise and where to allocate increasingly scarce resources. Central to this are two key opportunities. The very first *World Report on Hearing* (launched 3 March 2021)<sup>1</sup> calls for all governments to integrate person-centred ear and hearing care into national health plans. This seminal document

comprehensively summarises current evidence and frames ear disease and hearing loss as a major public health problem. Importantly, it provides a global platform to unite stakeholders to advocate for change. Two years prior, Australia's stakeholder-led *Roadmap for Hearing Health*<sup>2</sup> was endorsed by the now-defunct Council of Australian Governments, highlighting local challenges and providing 147 recommendations to address these challenges. Yet, cross-sectoral agreement and funding for a 'national action plan' – needed to coalesce action and benefit all – are lacking.

In this issue of Public Health Research & Practice, eight papers, in different ways, highlight key action areas for Australia from the perspectives of research, key opinion and lived experience, and examples of policy and practice, with the purpose of reinforcing contemporary challenges that must be overcome. Harkus and colleagues' qualitative study of urban Aboriginal parents and carers highlight the lack of a systematic approach to ear checks for this at-risk population.<sup>3</sup> Consequently, a high burden is placed on families to recognise signs and symptoms of ear disease and hearing loss in children, to determine how to navigate the complex system of health, and to advocate for timely treatment. Kong, Calma and Rambaldini highlight system inequities and lack of cultural safety, referring to this as "the wrong system built for the wrong community".<sup>4</sup> Access challenges, however, are pervasive. Beaver and Carty identify that Deaf people experience health literacy as one of the most common barriers in the healthcare system.<sup>5</sup> Despite the well-recognised high prevalence of hearing loss for older adults, in a four-country study, McMahon and colleagues show that system and structural barriers continue to create low levels of trust in hearing services, challenged further by high levels of stigma which has been known for decades.<sup>6</sup> Proactive approaches are needed. Kiely and Anstey advocate for hearing health to be part of a broader public health strategy, recommending evidencebased prevention is critical to the approach.<sup>7</sup> The need for targeted screening programs for children from socioeconomically disadvantaged settings is considered by McMahon, McLennan and colleagues.8 Bennett and colleagues demonstrate how strengthening opportunities for general practitioners to manage hearing loss in partnership with those who have hearing loss could more effectively embed hearing care into primary health care practice.<sup>9</sup> Further opportunities for change should consider emerging industry and market trends - Willink and colleagues consider how policy changes in the US which increase access to hearing devices through new markets might have an impact globally.10

## Time for a little less conversation, a little more action

Ear disease, hearing loss and deafness have been the topic of numerous reports filled with recommendations for

policy, practice and research. Despite commonalities, few have translated into policy change; ear and hearing care practice is slow to accept change; and research lacks sustained and secure funding needed to innovate and robustly evaluate new models of care. With a projected one in four Australians set to experience hearing loss by 2050<sup>11</sup>, those affected find themselves trying to stay afloat amid fast-paced technological changes, with complex and imposing funding arrangements, while experiencing the well-evidenced psychosocial, emotional and educational impacts. Adults wait close to 10 years before taking action on changes in hearing and when they do, they are fast tracked into a one-size-fits-all model of hearing service delivery. Children born with hearing loss and deafness are offered technology shrouded in support, with little culturally considered conversation about their identity and Deaf culture, or how families might need to navigate this.

Here, we call for hearing equity. Going beyond the prevailing medical model of hearing health, we need to look holistically at the broader determinants of health to recognise that the true needs of people with hearing loss and deafness exceed amplification of sound. Decision makers must be held to account and set clinical, research and policy priorities to ensure hearing loss and deafness are strategically positioned as a public health priority. Hearing loss and deafness should no longer be stigmatised; but viewed as a widely acknowledged experience that requires society-wide action.

#### A national action plan provides a framework to drive collaborative efforts

To achieve this, four key pillars are envisioned:

- Improve the capture and use of contemporary robust data to better understand health and psychosocial impacts as well as risk factors of hearing loss. This will determine where resources should be prioritised to strengthen treatment, support and outcomes.
- 2. Target improvements to the hearing healthcare system to improve access (such as for cultural and linguistically diverse populations), improve affordability, and address biopsychosocial impacts across the life course and life stage. Participatory approaches, such as co-design, are critical to system design improvements. System changes must precede awareness campaigns, or such campaigns will fail.
- 3. Develop new and strengthen current education campaigns by partnering with people with lived experience in the general community and among health professionals. These should promote self- and societal-prevention and management of ear disease and hearing loss, and escalate society-wide actions to remove accessibility and inclusion barriers.
- 4. Increase linkages between hearing health and other sectors, for example, primary health and social sectors to improve integrated care, and design and engineering to increase the accessibility of built environments.

Such change can only be accomplished by collective action, authentic listening and engagement with those with hearing loss or deafness, and government and sector support.

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#### Peer review and provenance

Internally peer reviewed, invited.

### **Competing interests**

None declared.

#### Author contributions

CM, CB and BG were responsible for the design, drafting and editing of the manuscript. JV was responsible for the design, reviewing and editing of the manuscript.

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