

## Lung health in LMICs

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# The Lancet

Re: Meghji J, Mortimer K, Agusti A, et al. Improving lung health in low-income and middle-income countries: from challenges to solutions. Lancet 2021;397(10277):928-940

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<b>Author Comments:</b>	To the Editor, The Lancet Re: Meghji et al. Improving lung health in low-income and middle-income countries: from challenges to solutions. Lancet 2021 On behalf of my co-respondents we are pleased to submit a rapid response to the review paper published in The Lancet on March 6, 2021. While we welcome the carefully considered review, we feel that omission of the importance of the role of primary care in addressing health inequalities, especially in low to middle income countries, is an oversight. We feel that that role of primary care should form an important component of the discussion around appropriate strategies to tackle lung health and our Rapid Response highlights this point for discussion. We hope you agree that this is a point relevant for readers considering the wider context of this important review paper and look forward to hearing from you. With kind regards Ee Ming Khoo International Primary Care Respiratory Group (IPCRG), UK and NIHR Global Health Research Unit on Respiratory Health (RESPIRE) Collaborator and University of Malaya, Malaysia

**Re: Meghji J, Mortimer K, Agusti A, et al. Improving lung health in low-income and middle-income countries: from challenges to solutions. Lancet 2021;397(10277):928-940**

We welcome the review by Meghji et al “Improving lung health in low-income and middle-income countries (LMICs): from challenges to solutions” and are particularly encouraged by the focus on the frequently neglected field of chronic respiratory diseases (CRD). However, we find that insufficient attention is paid to the role of primary care, which is the keystone for universal health coverage and therefore the route to better prevention, diagnosis, individualised and holistic treatment for the majority of the population.<sup>2</sup> Its interconnection with public health can address the social determinants of health and promote community participation that are critical to lung health across the life course.<sup>3,4</sup>

Challenges which must be addressed include lack of investment in recruitment and reimbursement, education, status and power in decision processes;<sup>5</sup> and limited respiratory prescribing rights for family physicians. The potential of primary care leadership is not considered. Yet primary care is essential for prioritisation at an individual patient and community level to manage all non-communicable diseases. Their common risk factors such as air pollution, tobacco dependence, lack of physical activity and poverty impact on the prevalence of all NCDs.

Where there is no family medicine strategy, the PACK approach may indeed be important, but there is much more to be gained by promoting a family medicine-led service that is funded, implemented, evaluated and endorsed by governments, academics and disease specialists with the support of international research and advocacy organisations such as the International Primary Care Respiratory Group. Without this vision respiratory diseases will remain challenging.

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**References**

1. Meghji J, Mortimer K, Agusti A, et al. Improving lung health in low-income and middle-income countries: from challenges to solutions. *Lancet* 2021;S0140-6736(21)00458-X. doi: 10.1016/S0140-6736(21)00458-X.
2. World Health Organization. Primary health care on the road to universal health coverage: 2019 monitoring report: executive summary. Geneva; 2019(WHO/HIS/HGF/19.1). Available at : <https://www.who.int/docs/default-source/documents/2019-uhc-report-executive-summary>. Accessed March 2021.
3. Li D, De Maeseneer, Howe A, et al. Re: Primary healthcare is cornerstone of universal health coverage. *BMJ* 2019;365.l12391. Available at: <https://www.bmj.com/content/365/bmj.l2391/rapid-responses>. Accessed March 2021.
4. IPCRG. Primary care and chronic lung disease. Position paper 1. September 2011. Available at : [https://www.ipcrg.org/sites/ipcrg/files/content/attachments/2020-02-19/IPCRG\\_PP1\\_Primary\\_care\\_and\\_chronic\\_lung\\_disease.pdf](https://www.ipcrg.org/sites/ipcrg/files/content/attachments/2020-02-19/IPCRG_PP1_Primary_care_and_chronic_lung_disease.pdf). Accessed March 2021.
5. Kleinert S, Horton R. From universal health coverage to right care for health. *Lancet*. 2017;390(10090):101–102.