

Letter to the Editor



Comment on: Enhancing Pneumococcal Vaccination Rates Through Family Physicians: Addressing Challenges and Raising Awareness

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DEAR EDITOR,

A very informative article was published in the Thoracic Research and Practice in 2024 titled “Effectiveness of a program to raise awareness about pneumococcal vaccination among physicians and patients with chronic respiratory diseases: a multicenter cohort study”.¹ This article highlights that increasing pneumococcal vaccination awareness among physicians and patients with chronic respiratory diseases can raise vaccination rates by up to 75%, thus reducing in-hospital mortality. Family physicians and health workers in Family Health Centers, where most vaccinations are administered, play a key role in this effort.

Pneumococcal vaccination is crucial in family medicine, especially for physicians in primary care. Pneumococcal infections pose a serious risk to those with weakened immune systems, the elderly, and young children, leading to severe diseases like pneumonia, meningitis, and bacteremia. In our country, family physicians administer the conjugated pneumococcal vaccine for free to individuals aged 65 and over. The polysaccharide pneumococcal vaccine is available by prescription to those in at-risk groups, covered by SSI through pharmacies.²

The pneumococcal vaccine is crucial for preventing infections, particularly in high-risk groups (over 65, those with chronic diseases, or weakened immune systems). By administering this vaccine and raising public awareness, family physicians play a key role in boosting community immunity, preventing disease spread, and easing the burden on the healthcare system.³

In recent years, anti-vaccination sentiment has threatened public health and reduced vaccination rates, including for pneumococcal vaccines. Family physicians can combat this by building communication with individuals, explaining the safety and importance of vaccines. Awareness campaigns by family physicians can effectively increase pneumococcal vaccination rates.⁴

Family physicians play a key role in healthcare for individuals aged 65 and over, yet the demand for free pneumococcal vaccines at family health centers remains low. To increase vaccination rates, awareness must be raised, public concerns addressed, and access to services improved. Training for healthcare workers on adult vaccination is essential, and anti-vaccination campaigns should be countered with media support. Public perception that vaccines are only for children must change, and family physicians should have adequate vaccine supplies, with logistical issues minimized. Vaccination information should be provided during healthcare visits, ensuring free access and availability at all health units.

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Footnotes

Authorship Contributions

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REFERENCES

1. Karakurt Z, Yalnız E, Altın S, et al. Effectiveness of a program to raise awareness about pneumococcal vaccination among physicians and patients with chronic respiratory diseases: a multicenter cohort study. *Thorac Res Pract.* 2024;25(2):75-81. [\[Crossref\]](#)
2. Özarslan F, Aksakal FNB. Pneumococcal immunization in adults aged 65 and over and pneumococcal vaccine applications in our country: review. *KSÜ Tıp Fak Der.* 2023;18(1):199-205. [\[Crossref\]](#)
3. Karadoğan Ş, Eryılmaz MA, Pekgör S, Baran ME. Evaluation of vaccination attitudes after the training of elderly patients applicable to the family health center. *TJFMPC.* 2024;18(1):34-40. [\[Crossref\]](#)
4. Dönmez AÇ, Güzel EÇ, Topçu B. Investigation of pneumococcus, influenza, COVID-19 vaccination rates and affecting factors in patients aged 65 and over. *Konuralp Medical Journal.* 2024;16(2):174-180. [\[Crossref\]](#)