

SUPPLEMENTARY BOX. Example survey questions to participants aged ≥50 years regarding varicella zoster (shingles) vaccine (one of a series of vaccine questions asked to participants aged 50–64 and ≥65 years)
Shingles vaccine awareness and history

- Have you heard about the Shingles vaccines (vaccines to prevent shingles/varicella zoster)?
- Have you received a Shingles vaccine?
 - If yes, when did you receive the Shingles vaccine?
 - If yes, where did you receive it?

If they stated they had not received the Shingles vaccines, participants were asked, “Why haven’t you received the Shingles vaccine?” Participants gave verbal responses and research staff chose the most closely corresponding answer(s) from these choices.

- I didn’t know about it or didn’t know I should get it
- I am worried about side effects and safety of the vaccine
- I don’t believe the vaccine will work
- I am not worried about contracting shingles
- I need more information about the vaccine
- I have heard stories in media (online, social media, television, or radio) that give me doubts
- I thought it would be too expensive
- People I know told me not to get it
- I haven’t gotten around to it
- Other reason not on the list above _____

If patients were missing 1 or more CDC-recommended vaccines, participants were told: *The following are CDC recommended vaccines for your age group that you have NOT yet received: (X, Y and Z vaccines).* They were then asked *Would you accept ANY of these vaccines today during your ED visit if they could be provided to you?*

If they responded yes, they were asked *Which one(s) would you accept?*

If they responded no, they were asked *Why not?* Participants gave verbal responses and research staff chose the most closely corresponding answer(s) from these choices

- I feel too sick right now
- I am worried about the expense of vaccines
- I am worried about side effects from vaccines
- I would rather get them from my doctor or at a pharmacy
- I don’t think vaccines work
- I need more information about the vaccines and the disease
- People have warned me about vaccines
- Other reason not on the list above _____

Demographic questions

- What is your gender? (multiple choices)
- What is your race/ethnicity? (multiple choices)

Housing and Insurance

- What is your living situation today? (multiple choices)
- How long have you been in this living situation?
- Do you have health insurance?
 - If yes, which type of insurance? (multiple choices)

Healthcare Access

- Do you have a regular clinic or doctor for medical care?
 - If yes, when was the last time you saw this doctor or went to the clinic?
 - If no, when was the last time you saw any doctor or had healthcare in the U.S. (besides today)?
- Where do you usually go when you are sick or need medical advice? (multiple choices)

Language

- What is your primary language? (multiple choices)
 - How well do you speak and understand English?
 - Not at all
 - A little
 - Most of it
 - All of it (completely)
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