

Interview Guide

HPV Vaccination in School Health Centers

SHC Representative Interviewed:

Professional Title:

County:

Telephone Number Called:

Date: ___ / ___ / ___
MM / DD / YYYY

Start time: ___ : ___ AM or PM

Hi, this is _____ from [Cervical Cancer Free North Carolina / the Immunization Branch of the North Carolina Division of Public Health]. We had set up a meeting to discuss how your school health centers provide vaccines. Is this still a good time for us to talk? [Pause]

Great. Thank you for speaking with us today. Along with community partners like you, we are planning interventions to increase HPV vaccine uptake in school health centers. When I say “school health centers,” I mean school-based, school-linked, or mobile health centers. The goal of this interview is to get your expert advice on this topic.

Please be assured that all your responses are confidential. Any report on findings from this research study will not identify individuals or agencies. You don’t have to answer any question that you don’t want to, and you can stop at any time. If you have any questions about the study or your rights as a research subject, I’ll give you a number you can call.

[If they ask about the study: **You can call Dr. Noel Brewer at (919) 966-3282.**]

[If they ask about their rights as a research subject: **If you have questions about your rights as a research subject, you may contact, anonymously if you wish, the Institutional Review Board at 919-966-3113 or by email to IRB_subjects@unc.edu. Please refer to IRB study number 10-1909.**]

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[Recording Consent] **We'd like to record this call so that we can make sure we correctly wrote down your responses. To protect your privacy, we will destroy the recording immediately after verifying the accuracy of our notes. Would recording the call be okay?**

No Yes

Before we begin, do you have any questions?

[If yes, answer questions]

[Verbal Consent] **Shall we start?**



Your School Health Centers

A

1. **First, let me confirm that the school health centers you represent are [read names of SHCs] Is this correct?** [fill out from spreadsheet prior to interview] :

- | | | |
|----|------------------------------|-----------------------------|
| 1. | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| 2. | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| 3. | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| 4. | <input type="checkbox"/> Yes | <input type="checkbox"/> No |

2. **Of these school health centers, how many offer vaccines?**

- None Some All of your school health centers

[if "some," ask "**Which of your school health centers offer vaccines?**"]

- SHC1 SHC2 SHC3 SHC4

3. **How many offer the HPV vaccine?**

- None Some All of your school health centers

[if "some," ask "**Which of your school health centers offer HPV vaccine?**"]

- SHC1 SHC2 SHC3 SHC4

4. **Which brand of HPV vaccine do your school health centers stock?**

- | | | |
|----|-----------------------------------|-----------------------------------|
| 1. | <input type="checkbox"/> Gardasil | <input type="checkbox"/> Cervarix |
| 2. | <input type="checkbox"/> Gardasil | <input type="checkbox"/> Cervarix |
| 3. | <input type="checkbox"/> Gardasil | <input type="checkbox"/> Cervarix |
| 4. | <input type="checkbox"/> Gardasil | <input type="checkbox"/> Cervarix |

HPV Vaccine

B

For the rest of the survey, my questions will be about only the school health centers that provide the HPV vaccine. These are [SHC] .

1. **How many of these school health centers stock HPV vaccine supplied by the Vaccines for Children program?** [read list if needed]

- None Some All of your school health centers

[if "some," ask "**Which school health centers stock HPV vaccine supplied by the Vaccines for Children Program?**"]

- SHC1 SHC2 SHC3 SHC4

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2. How many stock privately purchased HPV vaccine? [read list if needed]

- None Some All of your school health centers

[if “some,” ask “**Which school health centers stock privately purchased HPV vaccine?**”]

- SHC1 SHC2 SHC3 SHC4

3. What are some successes and challenges to providing HPV vaccine that your school health centers have experienced? [Probe for both successes and challenges.]

NC Immunization Registry

C

Now let’s talk about the North Carolina Immunization Registry.

1. How many of your school health centers use the Immunization Registry?

- None Some All of your school health centers

[if “some,” ask “**Which of your school health centers use the Immunization Registry?**”]

- SHC1 SHC2 SHC3 SHC4

2. [If some or all use the Immunization Registry] Tell me about any problems your school health centers have had using the Immunization Registry.

- No problems

3. To track students who are missing doses of HPV vaccine, do your school health centers use the reminder/recall function of the Immunization Registry?

- No Yes

4. [If yes] Can you tell me more about that?

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5. Do your school health centers have other ways to track students who are missing doses of the HPV vaccine?

No other ways

6. What about immunizations that were given to students but not recorded in the Immunization Registry? Is obtaining records of these prior immunizations a barrier for providing HPV vaccine at...

None Some All of your school health centers

[if "some," ask which] SHC1 SHC2 SHC3 SHC4

7. What if you or your staff received additional training to use the Immunization Registry? How much do you think this training would help you provide HPV vaccine at your school health centers?

Not at all A little A lot

8. How much do you think this additional training would increase the number of HPV vaccine doses you provide at your school health centers?

Not at all A little A lot

Privately Purchased HPV Vaccine

D

You said [SHC] [stocks / does not stock] privately purchased HPV vaccine.

1. Are the upfront costs of ordering and stocking the HPV vaccine a barrier for

[SHC] ? [ask for each center]

1. No Yes

2. No Yes

3. No Yes

4. No Yes

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2. Is inadequate reimbursement for privately purchased HPV vaccine a

barrier for [SHC] ? [ask for each center]

- 1. No Yes
- 2. No Yes
- 3. No Yes
- 4. No Yes

3. What if school health centers did not have to pay invoices for privately purchased HPV vaccine until after they gave the vaccine to students? How much do you think this change in billing practices would help you provide HPV vaccine at your school health centers?

- Not at all A little A lot

4. How much do you think this would increase the number of HPV vaccine doses you provide at your school health centers?

- Not at all A little A lot

5. What if private insurers included school health centers in their networks of approved providers? How much do you think this change in approved providers would help you provide the HPV vaccine at your school health centers?

- Not at all A little A lot

6. How much do you think this would increase the number of HPV vaccine doses you provide at your school health centers?

- Not at all A little A lot

Stock Privately Purchased HPV Vaccine

7. What about parents not being able to afford out-of-pocket costs for children to receive privately purchased HPV vaccine? Is this a barrier to providing HPV vaccine at

[SHC] ?[if more than one center stocks, ask for each]

- 1. No Yes
- 2. No Yes
- 3. No Yes
- 4. No Yes

Don't Stock Privately Purchased

7. What about parents not being able to afford out-of-pocket costs for children to receive privately purchased HPV vaccine? Would this be a barrier to providing HPV vaccine

at [SHC] ?[if more than one center does not stock, ask for each]

- 1. No Yes
- 2. No Yes
- 3. No Yes
- 4. No Yes

HPV Vaccine Provided through VFC

E

You said your school health centers stock HPV vaccine through the Vaccines for Children program, also known as VFC.

1. How much is the administration fee that your school health centers charge students for one dose of the HPV vaccine supplied through VFC?

\$ _____

2. What about high out-of-pocket costs to parents for HPV vaccine supplied to students through VFC? Is this a barrier to providing HPV vaccine at...

None Some All of your school health centers

[if "some," ask which] SHC1 SHC2 SHC3 SHC4

Consent

F

1. How do you obtain parent consent to provide school health center services?
2. Do you have a separate procedure for obtaining consent to provide HPV vaccine or other vaccines?
 No Yes
3. [If yes] Please describe how you obtain consent to provide HPV vaccine or other vaccines.

4. For students of what ages do you require parent consent to provide HPV vaccine?

1. _____

2.

3. _____

4.

5. Is students not returning the consent form a barrier to providing HPV vaccine at...

None Some All of your school health centers

[if "some," ask which] SHC1 SHC2 SHC3 SHC4

6. What if we created a new consent form, based on best practices, that appeals to parents? How much do you think this revised consent form would help you provide HPV vaccine at your school health centers?

Not at all A little A lot

7. How much do you think this revised consent form would increase the number of HPV vaccine doses you provide at your school health centers?

Not at all A little A lot

8. What about asking parents for their consent while they are at school, for instance during parent-teacher conferences? At your school health centers, do you think this is...

Not at all doable Somewhat doable Very doable You already do it

9. [If not at all] Why not?

10. If you decided to ask parents for their consent while they are at school, how much do you think this would increase the number of HPV vaccine doses you provide at your school health centers?

Not at all A little A lot

School Administration

G

1. What about your school administrators' concern that providing HPV vaccine will take students away from classes? Is this a barrier to providing HPV vaccine at...

None Some All of your school health centers

[if "some," ask which] SHC1 SHC2 SHC3 SHC4

2. Are there other school administration concerns that are a barrier to providing HPV vaccine at your school health centers?

No Yes

3. [If yes] **Can you tell me more about that?**

4. **Are there any other important barriers to increasing HPV vaccination in your school health centers that we didn't talk about?**

No Yes

5. [If yes] **What are they?**

Now I will read a list of barriers to providing HPV vaccine that you said exist in your school health centers.

6. **Which of these barriers, if any, are the greatest concerns for your school health centers.**

[See Barriers Worksheet]

Interventions

H

Now I will describe some possible interventions for increasing the number of HPV vaccine doses you provide in your school health centers.

1. **An intervention could be your school health centers sending a letter endorsing adolescent vaccines to eligible students' parents. The letter would be from a healthcare provider who is well known to parents of children who use the school health centers. At your school health centers, do you think sending these letters is...**

Not at all doable Somewhat doable Very doable You already do it

2. [If not at all] **Why not?**

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3. If you decided to do this, how would you send these letters home to parents?

[check all that apply, do not read]

- with the student
- by mail
- by email
- other _____

4. What if the postage for mailing these letters was free? At your school health centers, do you think printing and mailing these letters is...

- Not at all doable
- Somewhat doable
- Very doable
- You already do it

5. [If not at all] Why not?

6. If you decided to send a letter to parents, how much do you think this would increase the number of HPV vaccine doses you provide at your school health centers?

- Not at all
- A little
- A lot

7. An intervention could be to send parents reminders, as appropriate, that their children are due for adolescent vaccines. Do you have a system to do this?

- No
- Yes

8. [If yes] What is it?

[check all that apply, do not read]

- email
- text message
- telephone
- in-person
- a letter sent with the student
- other _____

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9. [If no] **If you did do this, could you describe the reminder system that would be most useful?**

[check all that apply, do not read]

- email
- text message
- telephone
- in-person
- a letter sent with the student
- other _____

10. **How much do you think sending parents reminders about adolescent vaccines would increase the number of HPV vaccine doses you provide at your school health centers?**

- Not at all
- A little
- A lot

11. **Do your school health centers want additional HPV vaccine brochures or posters that have been specifically tailored for adolescents?**

- No
- Yes

12. **How much do you think this would help you provide HPV vaccine at your school health centers?**

- Not at all
- A little
- A lot

13. **How much do you think this would increase the number of HPV vaccine doses you provide at your school health centers?**

- Not at all
- A little
- A lot

14. **Do you think your school health centers would prefer promotional materials that are only about HPV vaccine or materials that are about several adolescent vaccines?**

- Only HPV vaccines
- Several adolescent vaccines
- No opinion/both are fine

15. **An intervention could be to have students develop a peer-led promotional campaign for adolescent vaccines. At your school health centers, do you think that this promotional campaign is...**

- Not at all doable
- Somewhat doable
- Very doable
- You already do it

16. [If not at all] **Why not?**

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17. If you decided to have students develop a peer-led promotional campaign, how much do you think this would increase HPV vaccine uptake at your school health centers?

- Not at all A little A lot

18. An intervention could be to collaborate with teachers to address HPV vaccine in health education classes. How much do you think supplying teachers with a curriculum about adolescent vaccines would help you provide HPV vaccine at your school health centers?

- Not at all A little A lot

19. How willing do you think teachers would be to do this?

- Not at all Somewhat Very

20. How much do you think this would increase the number of HPV vaccine doses you provide at your school health centers?

- Not at all A little A lot

21. An intervention could be a school-based event or activity, such as a concert, skit or presentation, to raise awareness about HPV vaccine. If we sponsored such an event, how doable do you think it would be for you to host it?

- Not at all doable Somewhat doable Very doable You already do it

22. [If not at all] Why not?

23. If you decided to host an event like this, how much do you think it would increase the number of HPV vaccine doses you provide at your school health centers?

- Not at all A little A lot

24. An intervention could be to provide students with a small incentive for getting recommended adolescent vaccines. This might include a small prize, entrance into a raffle, or a coupon for a free music download. If we provided the incentives, how doable would it be for you to distribute them?

- Not at all doable Somewhat doable Very doable You already do it

25. [If not at all] Why not?

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26. [If somewhat or very doable] **What incentives do you think students would like to receive?**
[If not at all doable] If this were doable, **what incentives do you think students would like to receive?**
27. **If you decided to distribute an incentive, how much do you think this would increase the number of HPV vaccine doses you provide at your school health centers?**
 Not at all A little A lot
28. **Are there any other potential interventions that might be especially effective in increasing HPV vaccine uptake in your school health centers?**
 No Yes
29. [If yes] **What are they?**
30. **How interested do you think your school health centers would be in partnering with us to do an intervention to increase HPV vaccine uptake?**
 Not at all interested Somewhat Very [Unread: DK Declined]
31. [If “not at all interested”] **Tell me about why they might not be interested.**
32. **What do you think we could do to make partnering with us on an HPV vaccine intervention more appealing to your school health centers?**
33. **Are there key people who you think we should talk to about increasing HPV vaccination in your school health centers?**
 No Yes

34. [If yes] Can you provide their names and contact information?

35. How much, if at all, does limited staff availability affect your school health centers' ability to implement new interventions?

Not at all A little A lot [Unread: DK Declined]

More about your SHCs

Now I'd like to ask you a few more questions about your centers that provide HPV vaccine. You said they are [SHC] .

1. Do any of these school health centers accept private insurance?

No Yes

2. Are there any types of private insurance that your school health centers do **NOT** accept?

No Yes

3. [If yes] What are they?

My school health centers do not accept private insurance

4. Do any of your school health centers partner with other organizations or agencies to provide HPV vaccine?

No Yes

5. [If yes] Which organizations or centers?

6. Is [SHC] open most school days or does it have more limited hours?

1. Most school days More limited hours

2. Most school days More limited hours

3. Most school days More limited hours

4. Most school days More limited hours

7. Can you tell me who uses these school health centers?

Probes:

Is it students? In which grades?

Does anyone other than students use these school health centers?

1. _____

2.

3. _____

4.

8. Would you say that most students served by ____ [SHC] ____ live in an urban, suburban, or rural area?

1. _____ Urban Suburban Rural

2. _____ Urban Suburban Rural

3. _____ Urban Suburban Rural

4. _____ Urban Suburban Rural

9. What percentage of students served by ____ [SHC] ____ do you think are Spanish-speaking?

1. _____ _____ % DK

2. _____ _____ % DK

3. _____ _____ % DK

4. _____ _____ % DK

10. Can you tell me how many HPV vaccine doses each school health center provided in the 2009-2010 school year? If you're not sure, we can follow up with you after the interview.

1. _____

2.

3. _____

4.

11. How many students received all 3 doses of HPV vaccine? Again, if you're not sure, we can follow up with you after the interview.

1. _____

2.

3. _____

4.

12. Not counting the North Carolina Immunization Registry, do your school health centers keep electronic records of HPV vaccine doses provided to individual students?

- | | | |
|----|------------------------------|-----------------------------|
| 1. | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| 2. | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| 3. | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| 4. | <input type="checkbox"/> Yes | <input type="checkbox"/> No |

13. Can you tell me how many students were enrolled in the school at the end of last school year in grades 6 and higher?

- | | |
|----|--|
| 1. | |
| 2. | |
| 3. | |
| 4. | |

Those are all the questions that I have. Do you have any questions for me?

[Record their response]

Your participation has been very helpful. The information you have provided is invaluable, and we thank you for your efforts to promote HPV vaccine uptake in your school health centers. We'll inform you of our survey findings through the NC School Community Health Alliance. Thank you again and enjoy the rest of your day.

End time: ___ ___ : ___ ___ AM or PM