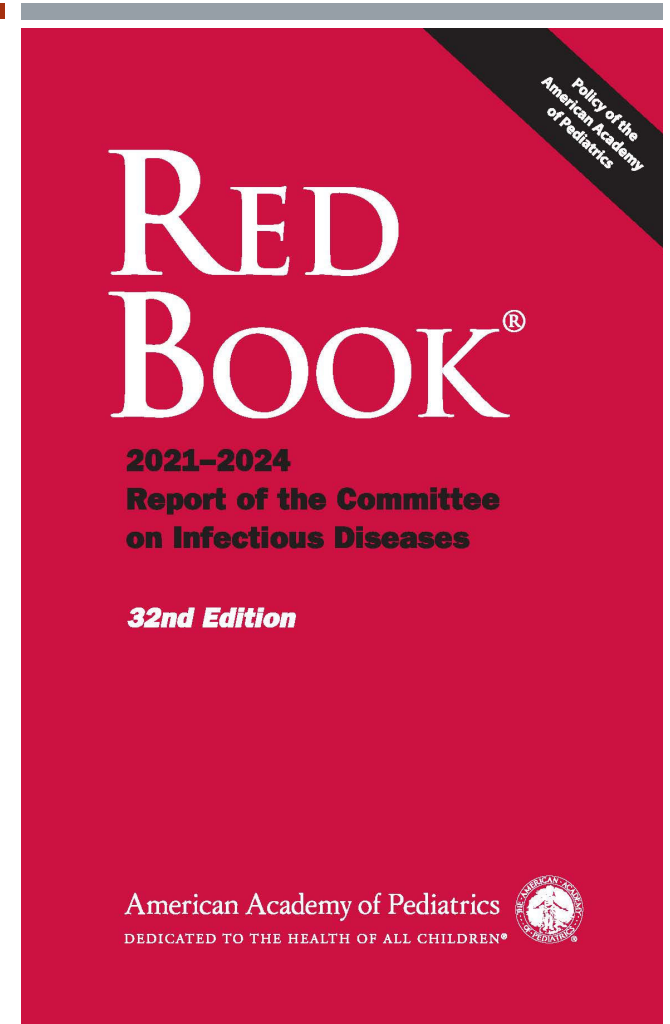


# IMPROVING HUMAN PAPILLOMAVIRUS (HPV) VACCINATION RATES

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Odenton, MD



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# FACULTY DISCLOSURE

- I have no relevant financial relationships to disclose.



# OBJECTIVES OF PRESENTATION

By the end of the presentation, learners will be able to:

- Explain the benefits of the HPV vaccine
- Describe HPV vaccination recommendations
- List current HPV vaccination rates and barriers to vaccination
- Discuss strategies to improve HPV vaccination



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# IMPORTANCE OF HPV VACCINE

- HPV infection is common and has no treatment
- HPV infection can lead to cancer of the:
  - Cervix, vagina, vulva, penis, anus, oropharynx
- HPV vaccine is effective at preventing infection
- HPV vaccine can prevent 90% of HPV-attributed cancer
- HPV vaccine provides safe, effective, and long-lasting protection

**Pediatricians have the ability to prevent cancer through vaccination!**

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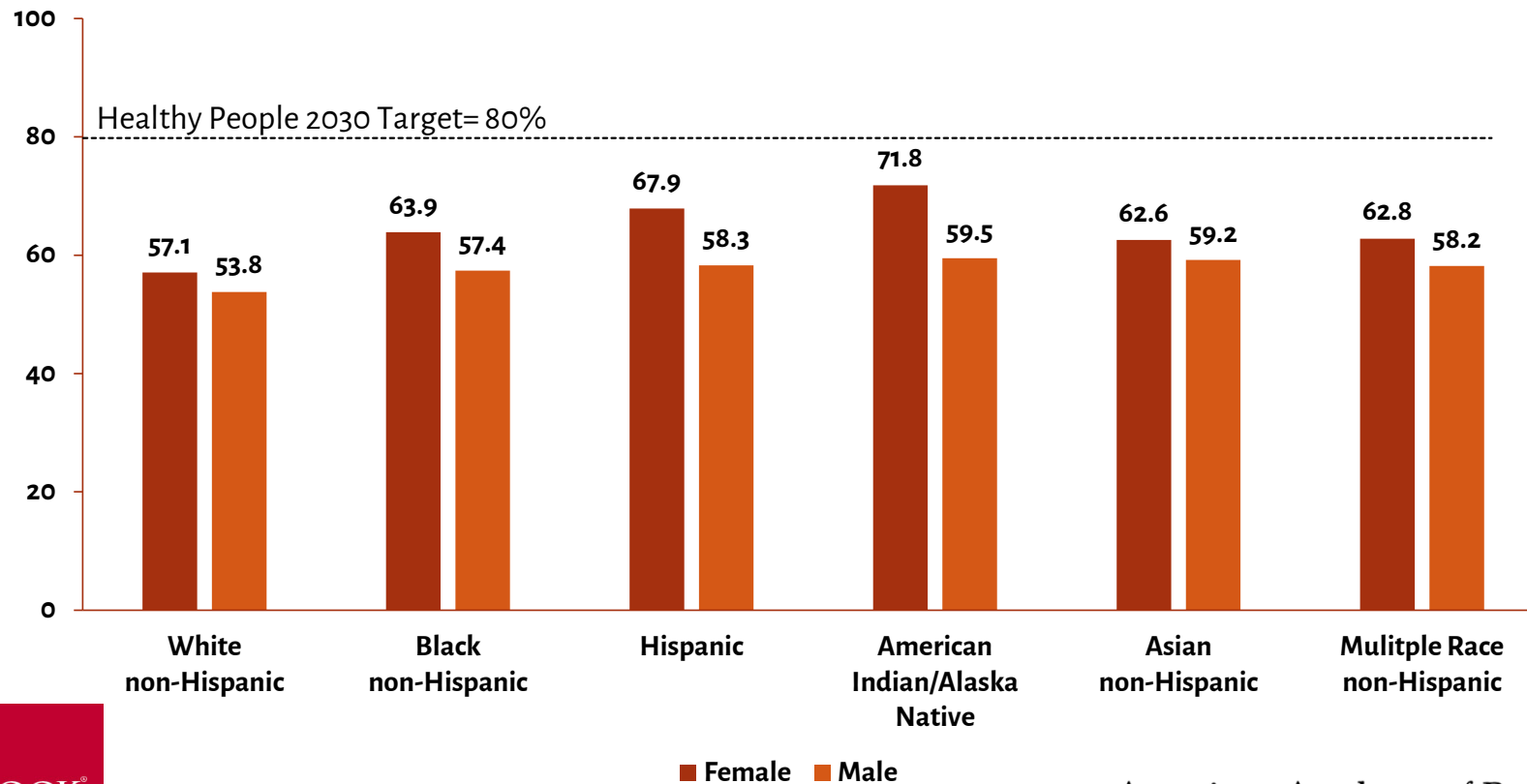
# HPV VACCINE RECOMMENDATIONS

Routine HPV vaccination is recommended for all children

- ACIP recommends starting the series at age 11 or 12 years of age and states that vaccination can be administered starting at age 9 years
- AAP recommends starting the series between 9 and 12 years of age
- Catch-up vaccination is recommended through age 26 years
- Administered as a series of either 2 or 3 doses, depending on age at initial vaccination



# UP-TO-DATE HPV VACCINATION COVERAGE (2020)



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# BARRIERS TO HPV VACCINATION

## Pediatricians

- Knowledge gap
- Time constraints
- Financial issues

## Families

- Lack of provider recommendation
- Knowledge gap
- Misinformation
- Vaccine hesitancy

## Systems

- Limited access
- Missed opportunities
- Lack of reminder, recall, and alerts



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# STRATEGIES TO IMPROVE HPV VACCINATION

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## OFFICE STRATEGIES

- Office culture
  - Vaccine champion
  - Team approach
- Workflow development
  - Educate staff to speak the same vaccine language
  - Presumptive approach
  - Bundle/sandwich
- Communication/Huddles
- Missed opportunities
- Standing orders
- Outreach opportunities
  - EMR and State IIS data reports
  - Recall/staff incentives



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# STRATEGIES FOR PEDIATRICIANS

Make a strong recommendation starting at the age 9 visit

- Families trust you!
- Anti-cancer vaccine
- Better immune response
- Fewer injections per visit
- Only two doses instead of three
- Before they become sexually active
- Can spread with close contact
- Safe: side effect profile similar to other vaccines



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# STRATEGIES FOR PEDIATRICIANS

Talking with parents who are hesitant:

## Motivational Interviewing:

- Open-ended questions
- Reflective listening
- Affirmation
- Summary

## Additional strategies:

- Give resources, AAP, CDC, WHO
- Keep the door open
- Make it personal with stories
- Engage the child/teen in the conversation



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# AAP RESOURCES

- AAP Recommendations for HPV Vaccination
  - AAP News: [Why AAP Recommends Initiating HPV Vaccination As Early As Age 9](#)
  - AAP Red Book HPV Chapter: <https://publications.aap.org/redbook>
  - Clinical Report: [The Need to Optimize Adolescent Immunization](#)
- PediaLink Course [HPV Vaccine: When, Why, and How](#)
- Complimentary App [HPV Vaccine: Same Way Same Day](#)
- Interactive Immunization Map: <https://www.aap.org/immunizationmap>
- AAP HPV Webpage: <https://www.aap.org/HPV>
- Healthy Children [Here's Why Your Preteen Needs the HPV Vaccine - HealthyChildren.org](#)

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# CONCLUSION

- Pediatricians can prevent HPV-related cancer through vaccination
- To increase uptake, providers should:
  - Incorporate the HPV vaccine into office culture and workflow
  - Strongly recommend the HPV vaccine starting at age 9
  - Communicate effectively with vaccine-hesitant families



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# THANK YOU

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