



# Meningococcal Meningitis Prevention Can Be Complicated.

Here's What You Need to Know

June 14, 2024 | West Virginia

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**MY DREAM**  
**Be a STAR on SNL**



# Meet the American Society for Meningitis Prevention

Formerly the Meningitis B Action Project



The American Society works to empower all people to take action to prevent meningococcal meningitis.

## Key Areas of Focus

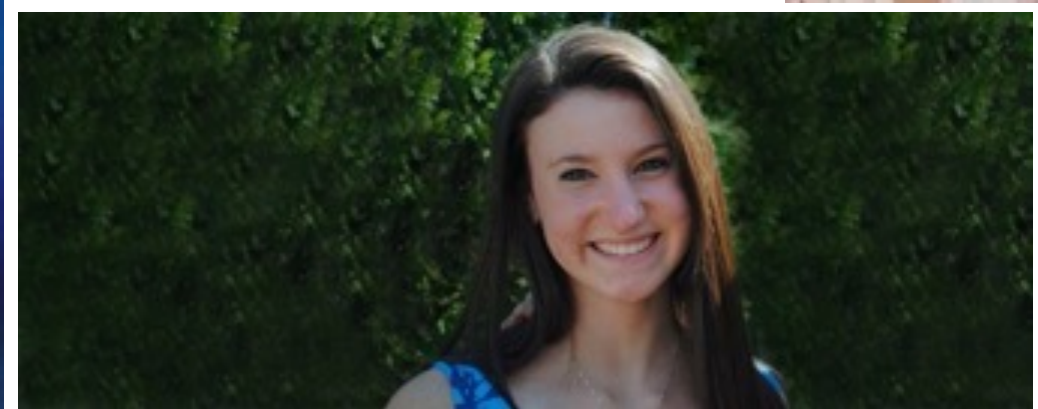
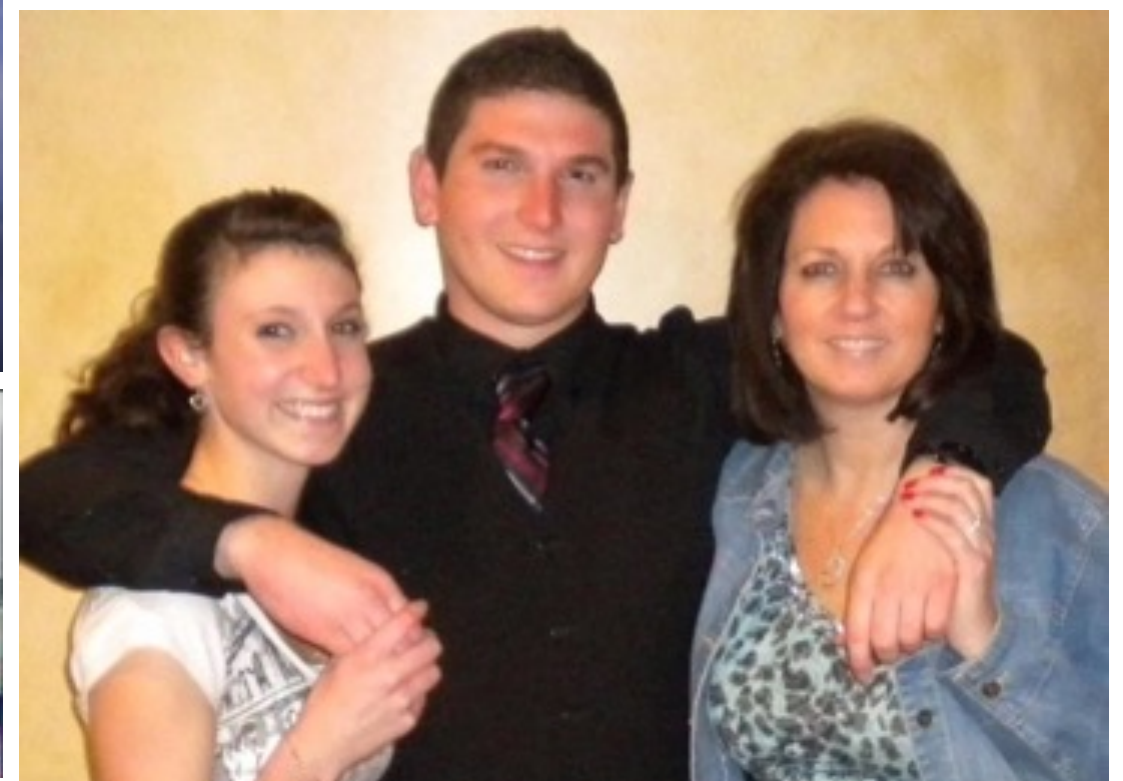
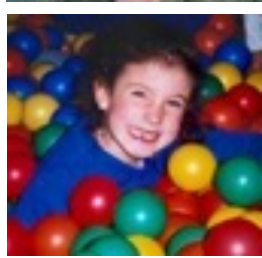
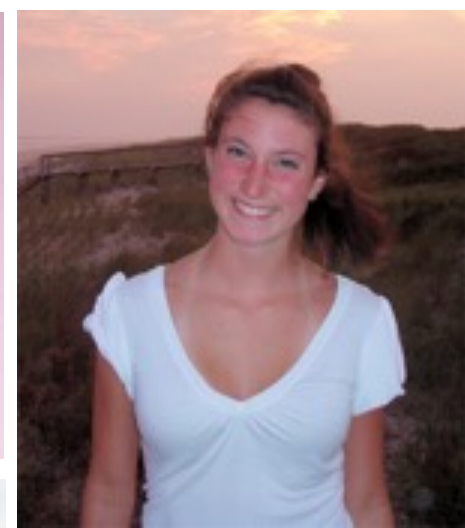
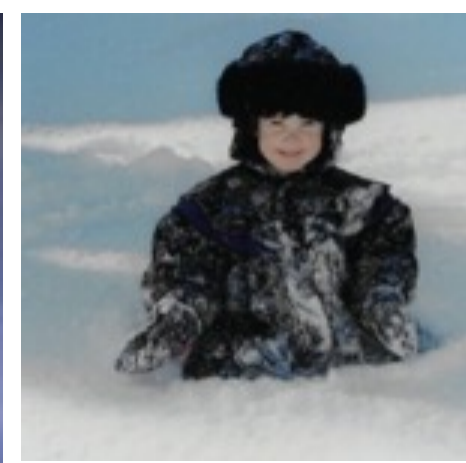
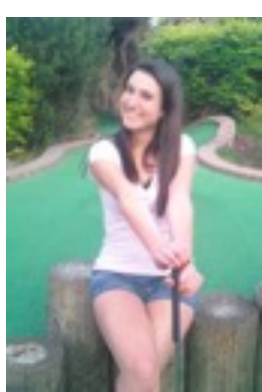
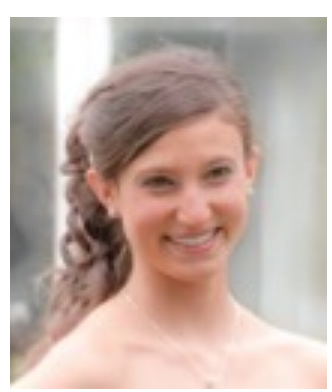
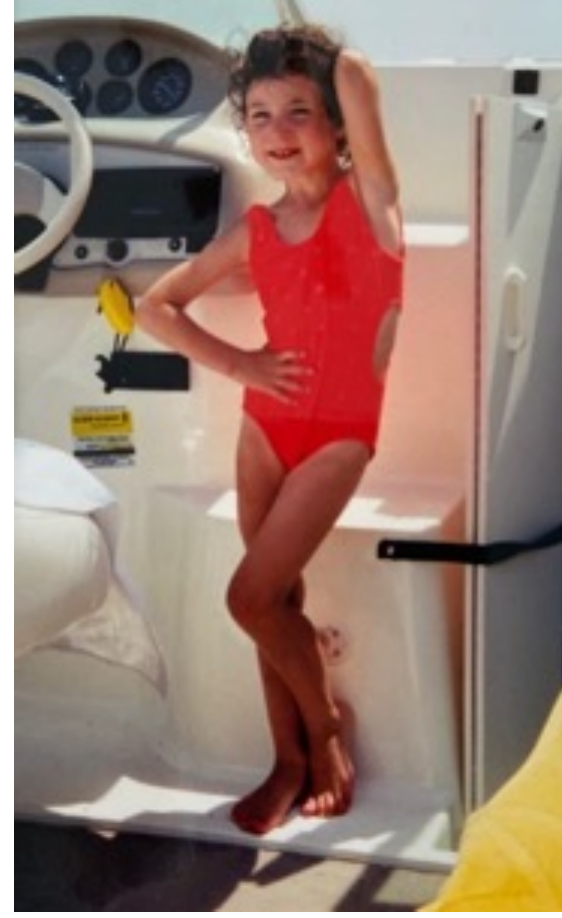
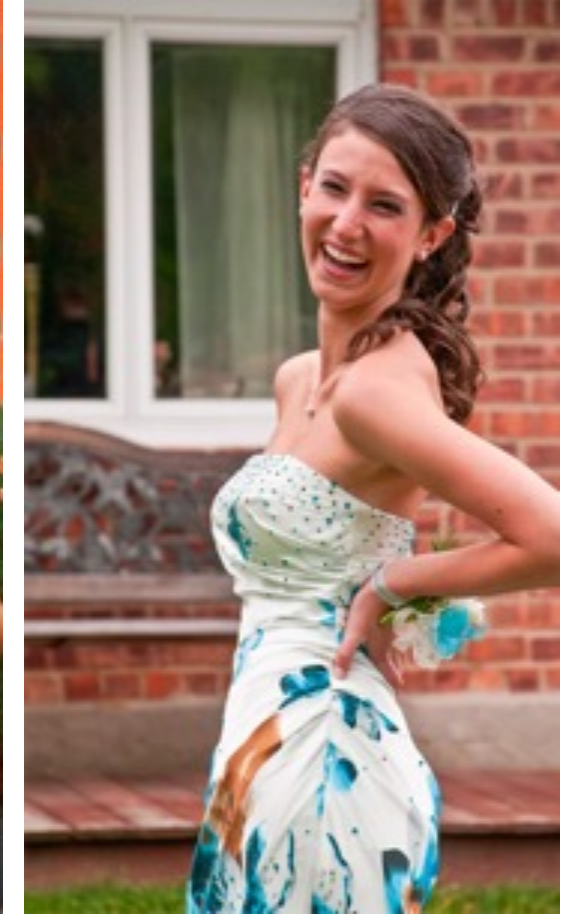
- ✓ Patient and parent education
- ✓ Healthcare provider education
- ✓ Policy advancement
- ✓ Vaccination equity
- ✓ Advocacy training



Emily Stillman

Kimberly Coffey

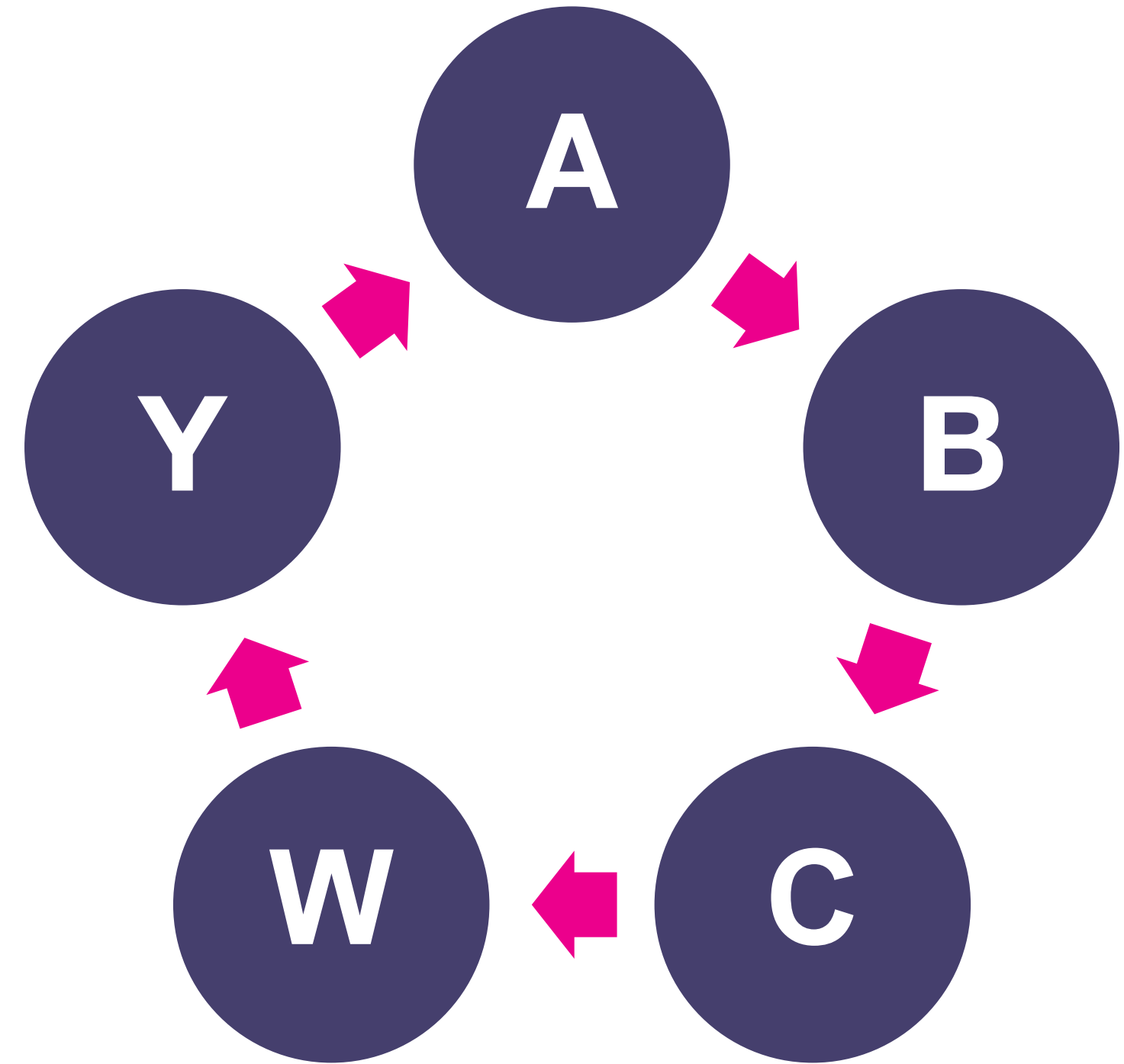




# Meningococcal Meningitis is...

...the most common form of bacterial meningitis in adolescents and young adults.

...mainly caused by 5 types of meningococcal bacteria:  
**A-B-C-W-Y.**



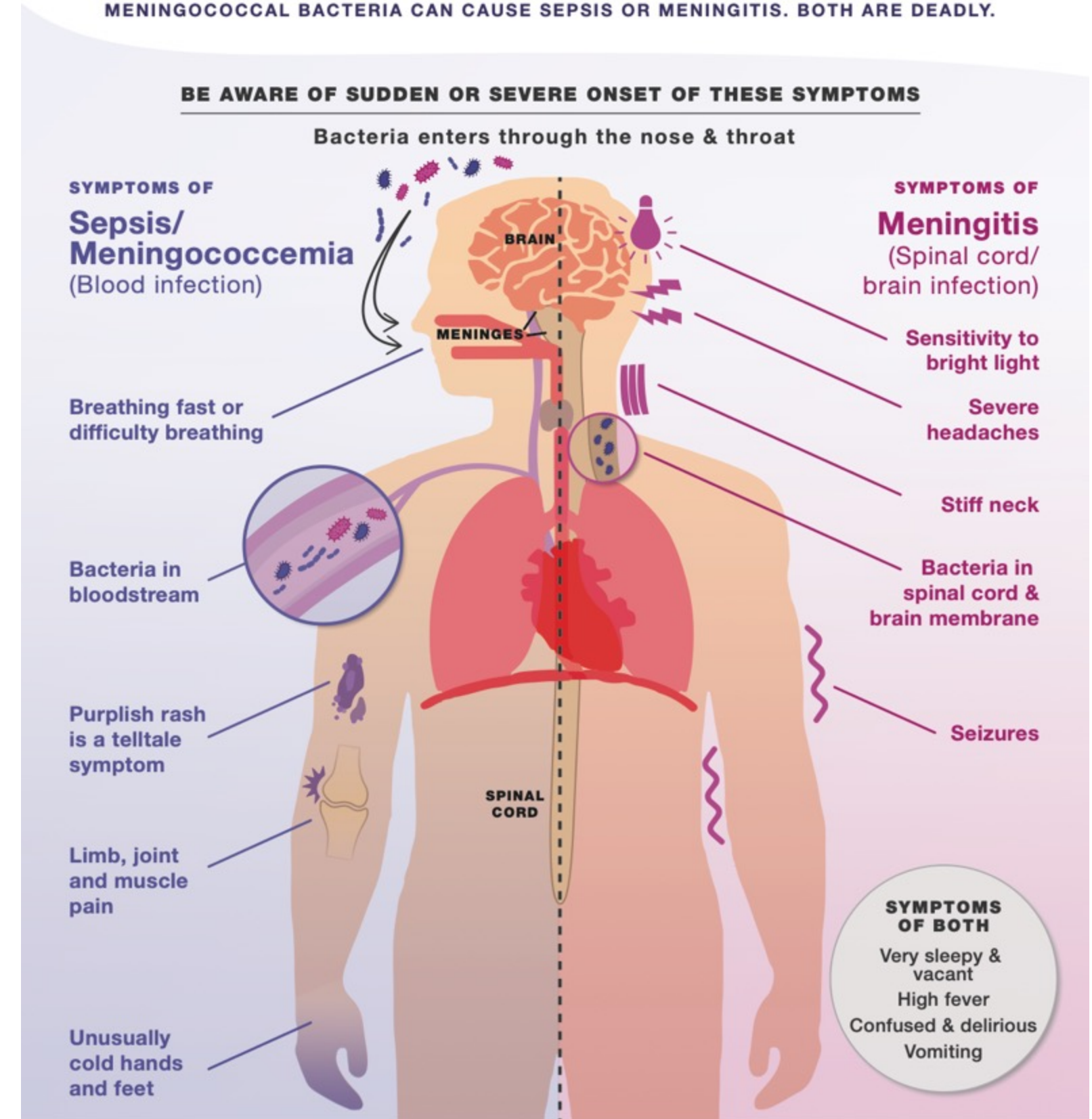
# The 2 Most Common Types of Meningococcal Infections Are...

...Meningococemia (bloodstream infection that may lead to sepsis)

...Meningitis (infection of the membranes that surround the brain and spinal cord)

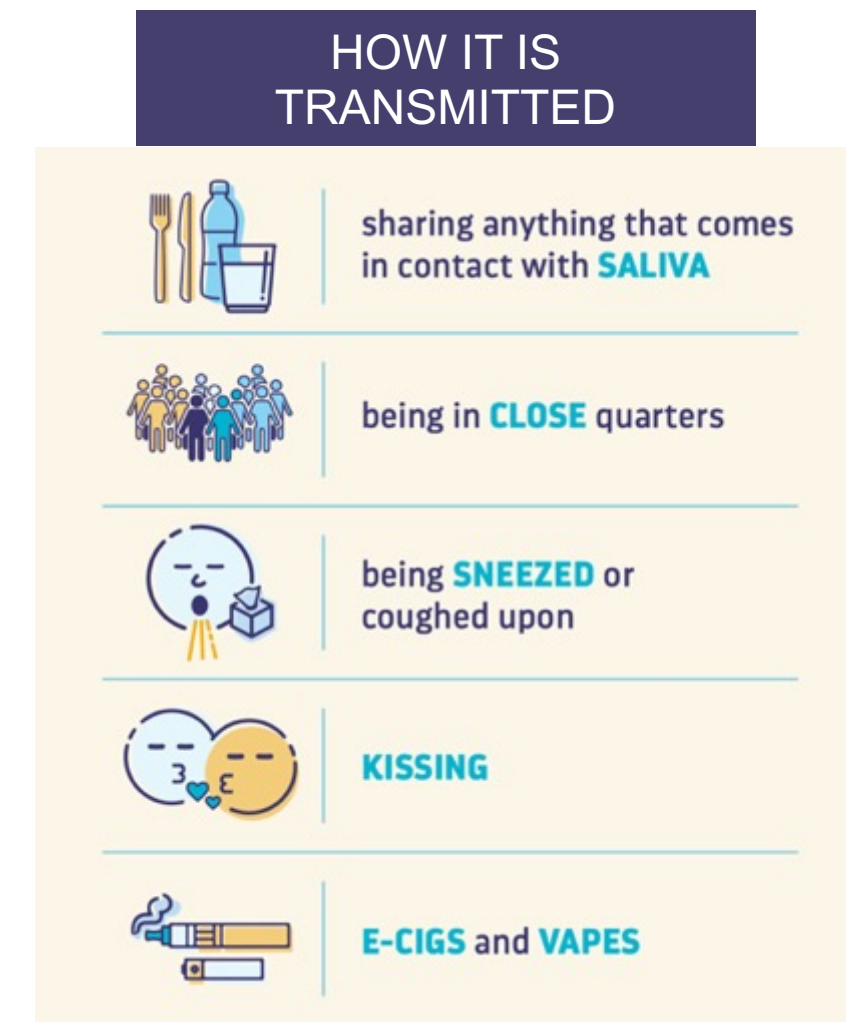
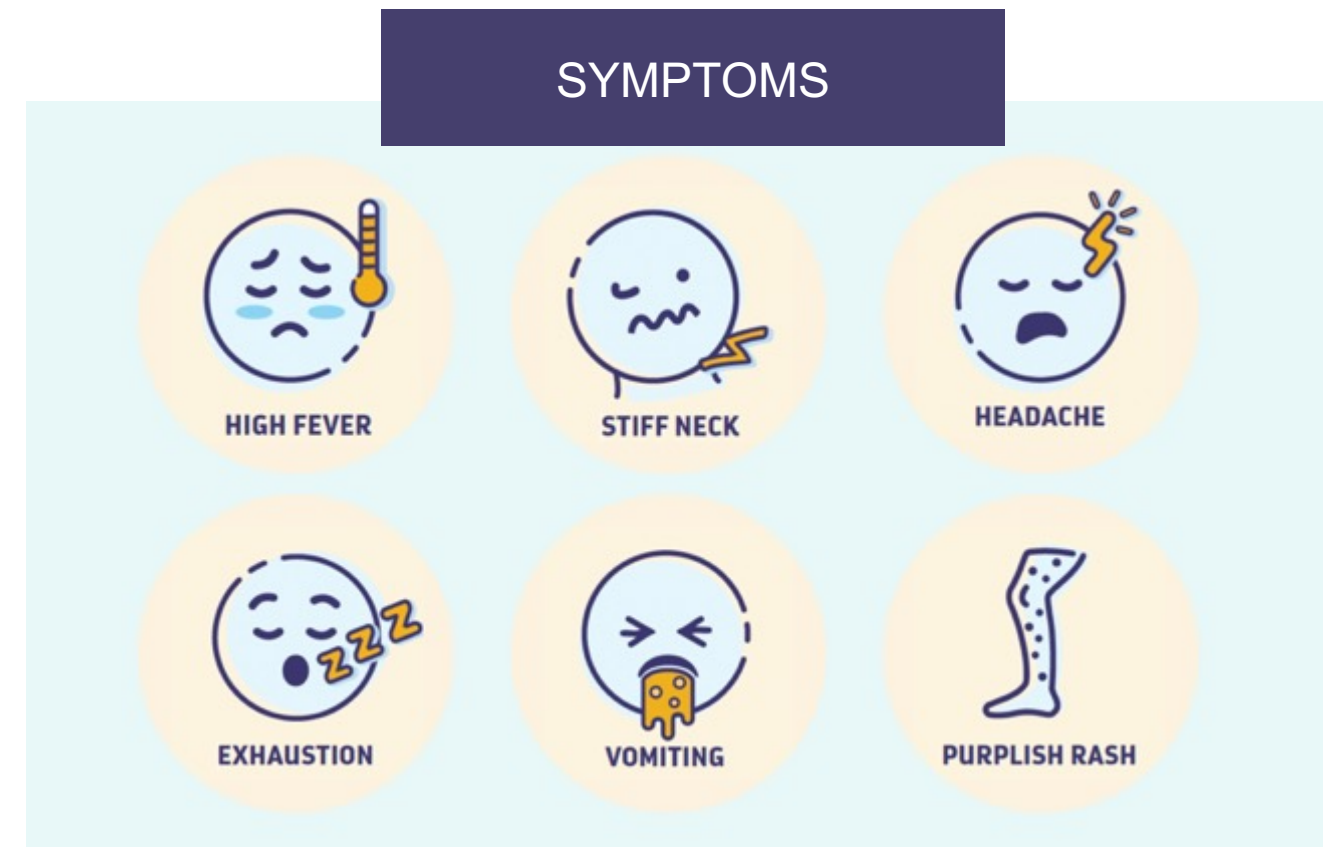
## Meningococcal meningitis can kill in a matter of hours.

MENINGOCOCCAL BACTERIA CAN CAUSE SEPSIS OR MENINGITIS. BOTH ARE DEADLY.



# Symptoms, Transmission, & Complications

- It is **easy** to spread from person-to-person
- It can attack **without warning**
- It can **kill** in a matter of hours
- **1 in 10** will die
- **1 in 5** will face permanent complications, like limb loss or brain damage





# Meningococcal Vaccines

There are 3 types of vaccines currently available in the United States.



## MenACWY

**Routinely  
Recommended**

Many high schools and colleges require it.



## MenB

**Shared Clinical Decision-  
Making Recommendation**

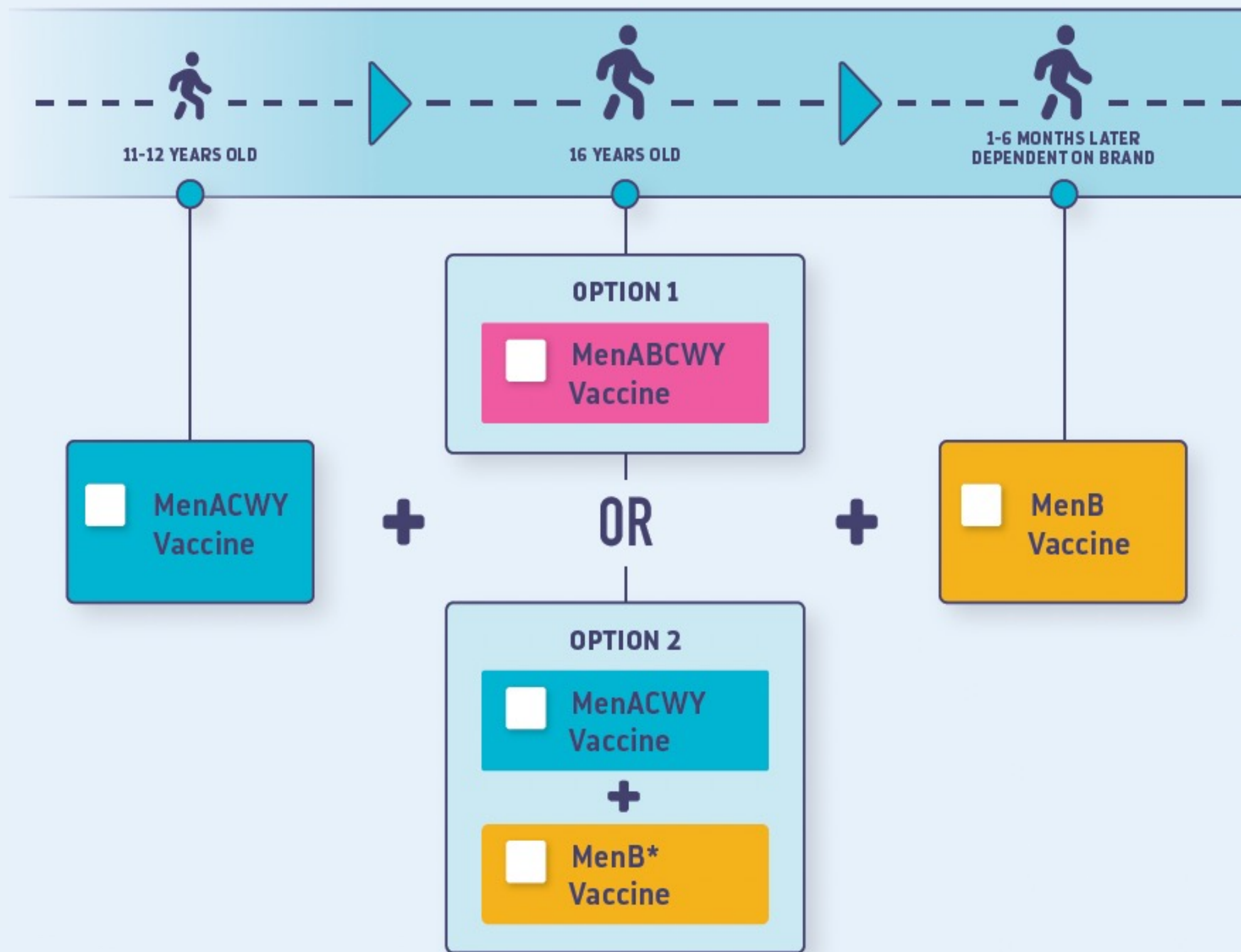
Few colleges and universities require it.



## MenABCWY

**Just Approved!**

For use when getting MenACWY and MenB vaccines in the same visit.



# When Should **Meningitis** Vaccination Occur?

# Critical Issues Affecting Meningitis Vaccination

**01** The CDC is reviewing all meningococcal vaccination recommendations for vote in Feb. 2025.

**02** Uptake of the MenB vaccine is very low across the US.

*Source: CDC, 2022*

**03** Recommendations for the meningococcal pentavalent vaccine are difficult to implement in clinical practice.

*Source: U.S. Meningococcal Immunization Physician Survey, 2023*

**04** Meningitis vaccination coverage rates vary by poverty status, race and ethnicity, and health insurance status.

*Source: CDC, 2023*

# Potential Changes to the Meningitis Vaccination Schedule May Have Significant Impact on Uptake of the Vaccines

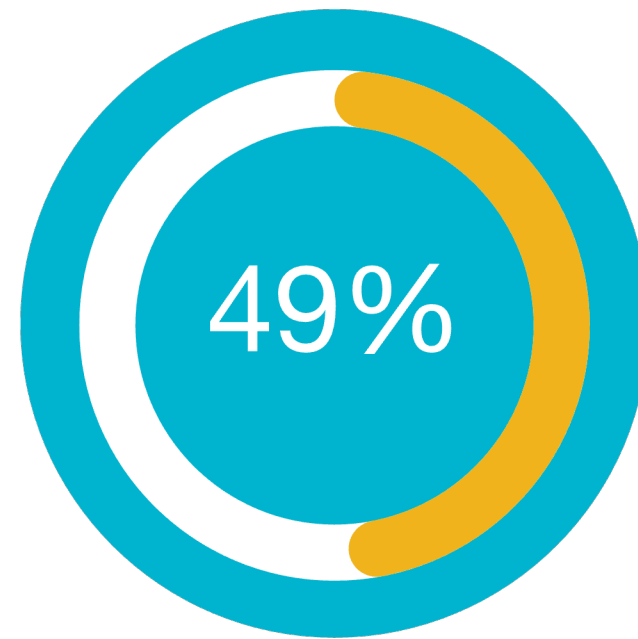
Options being reviewed by the CDC/ACIP

Options	ACWY Dose 1	ACWY Dose 2	B Dose 1	B Dose 2
<b>Current</b>	11-12 yrs	16 yrs	16-23 (preferably 16-18) SCDM	
<b>1</b>	11-12 yrs	16 yrs	16 yrs	17-18 yrs
<b>2</b>	11-12 yrs	16 yrs	16 risk-based	17-18 yrs risk-based
<b>3</b>	No Dose	16 yrs	16 risk-based	17-18 yrs risk-based
<b>4</b>	15 yrs	17-18 yrs	17-18 yrs	17-18 yrs

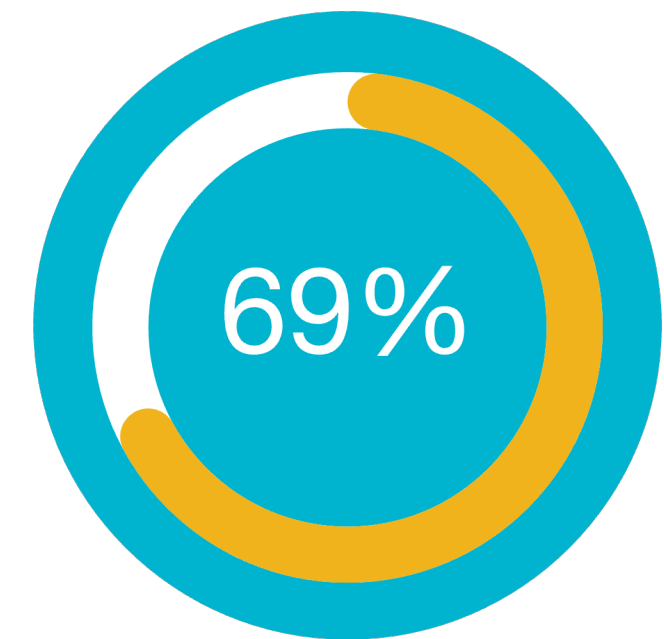
Proposed recommendations are for routine vaccination unless specified as "risk-based"; option numbers do not represent ordering of preference SCDM, shared clinical decision-making  
 Source: [CDC, 2024](#)

# Some Doctors Aren't Talking to their Patients About MenB Vaccination.

According to a 2018 [study](#) published in Pediatrics, among 900 doctors surveyed:



49% of **pediatricians** did not discuss the MenB vaccine during routine visits for 16-18-year-olds.

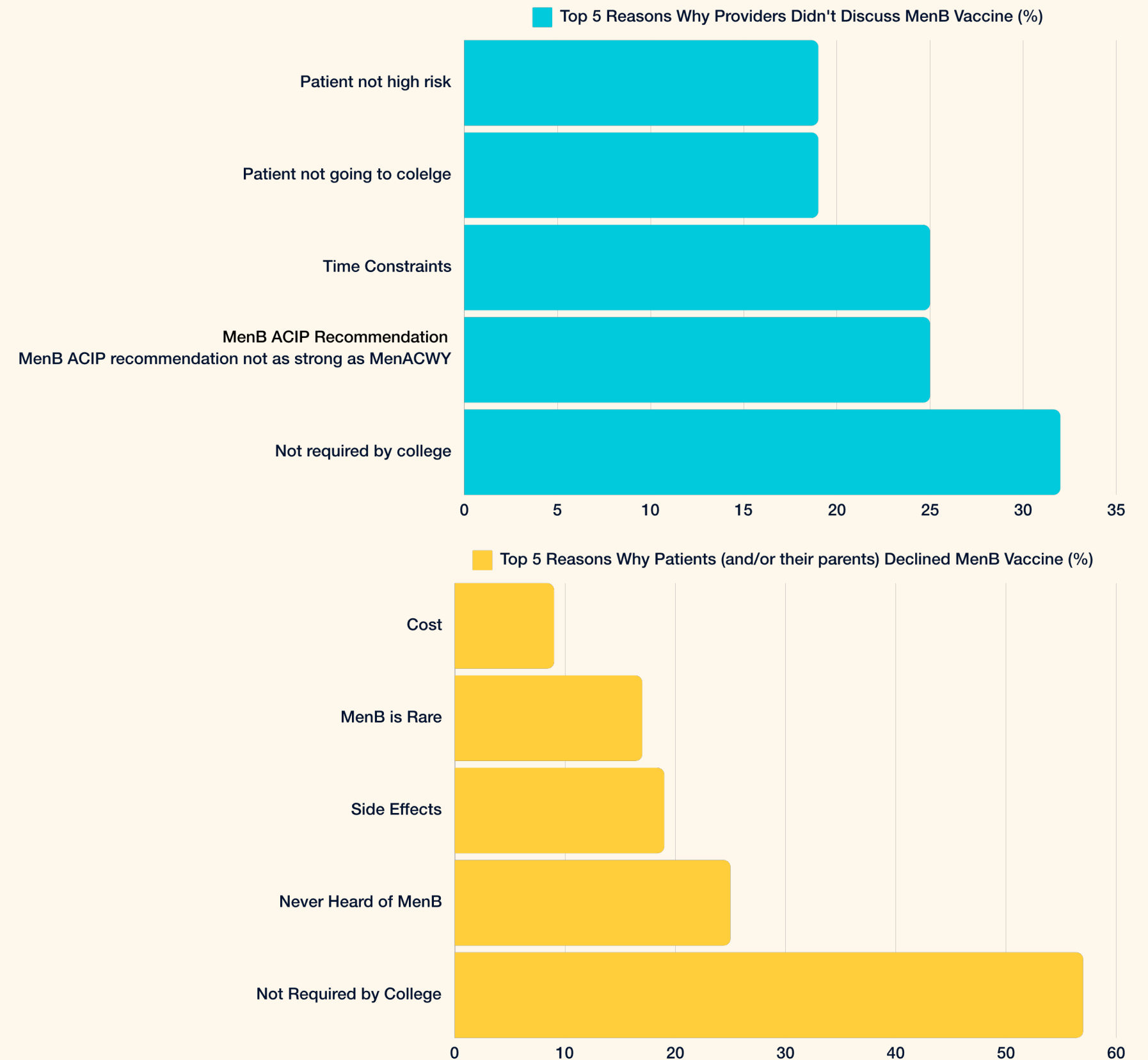


69% of **family physicians** did not discuss the MenB vaccine during routine visits for 16-18-year-olds.

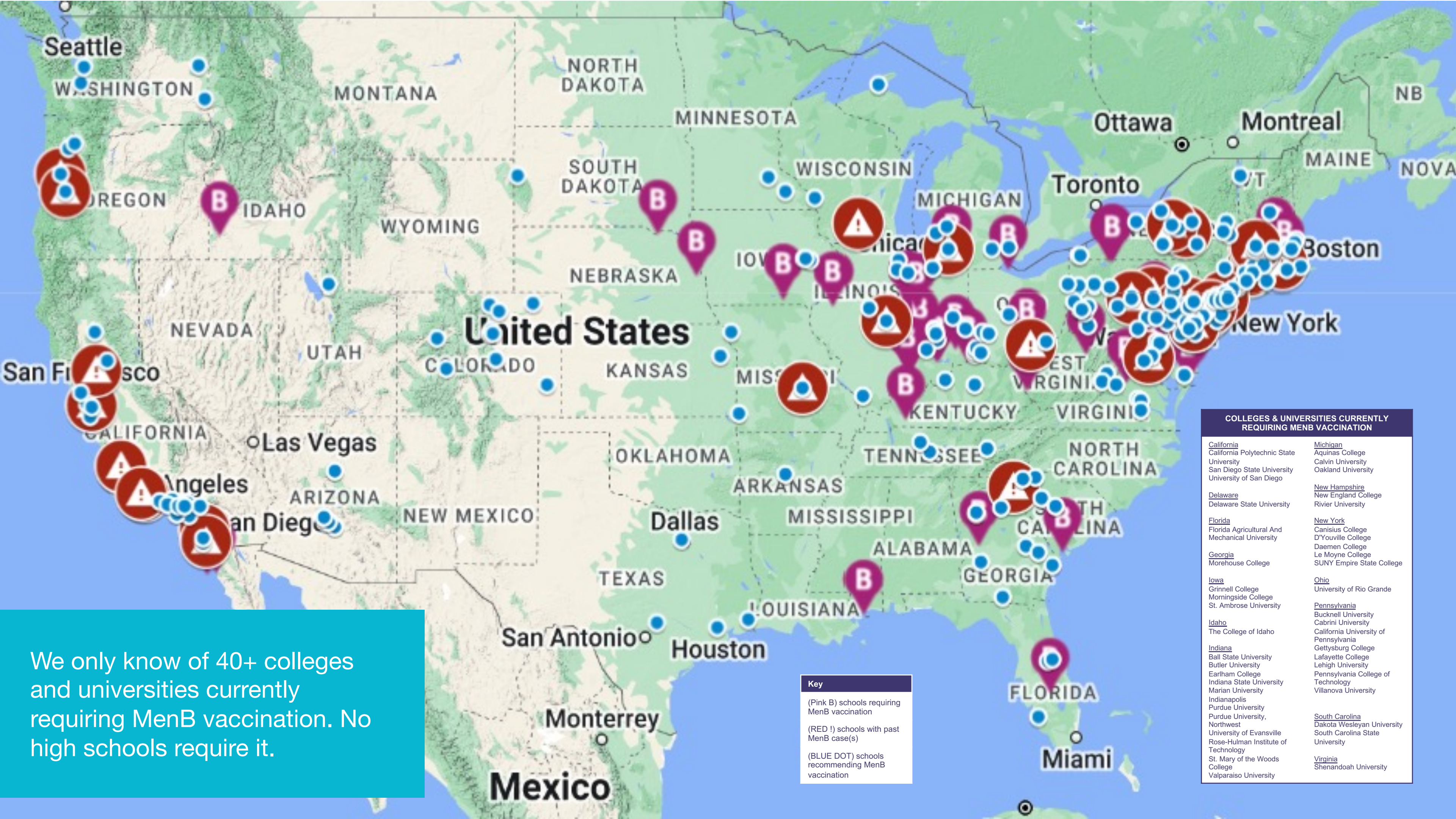
# Few Schools Require the MenB Vaccine.

A recent [study](#) found a lack of requirement was the most frequent reason why:

- Healthcare providers did not discuss the MenB vaccine with their 16-23-year-old patients
- Parents declined the MenB vaccine



According to The Meningitis B Action Project 2020 Provider Survey conducted amongst 524 health care providers.



We only know of 40+ colleges and universities currently requiring MenB vaccination. No high schools require it.

Key
(Pink B) schools requiring MenB vaccination
(RED !) schools with past MenB case(s)
(BLUE DOT) schools recommending MenB vaccination

COLLEGES & UNIVERSITIES CURRENTLY REQUIRING MENB VACCINATION	
<u>California</u> California Polytechnic State University San Diego State University University of San Diego	<u>Michigan</u> Aquinas College Calvin University Oakland University
<u>Delaware</u> Delaware State University	<u>New Hampshire</u> New England College Rivier University
<u>Florida</u> Florida Agricultural And Mechanical University	<u>New York</u> Canisius College D'Youville College Daemen College Le Moyne College SUNY Empire State College
<u>Georgia</u> Morehouse College	<u>Ohio</u> University of Rio Grande
<u>Iowa</u> Grinnell College Morningside College St. Ambrose University	<u>Pennsylvania</u> Bucknell University Cabrini University California University of Pennsylvania Gettysburg College Lafayette College Lehigh University Pennsylvania College of Technology Villanova University
<u>Idaho</u> The College of Idaho	<u>South Carolina</u> Dakota Wesleyan University South Carolina State University
<u>Indiana</u> Ball State University Butler University Earham College Indiana State University Marian University Indianapolis Purdue University Purdue University, Northwest University of Evansville Rose-Hulman Institute of Technology St. Mary of the Woods College Valparaiso University	<u>Virginia</u> Shenandoah University

# School Requirements for All Meningitis Vaccination in West Virginia Need Improvement

- **MenACWY:** One dose of MenACWY required for 7<sup>th</sup> grade school entry and 12<sup>th</sup> grade school entry.
- **MenB:** No high schools, colleges or universities require the MenB vaccine.
- Immunization requirements and language can be improved for both the MenACWY and MenB vaccines.



I certify that I have received two doses of the measles and rubella (or MMR) vaccination(s).



We do not collect proof of immunization through the onboarding process for new students. Certain majors related to the health sciences may be required to submit proof of vaccinations at a later date.



#### IMMUNIZATIONS REQUIRED

- MMR (Measles, Mumps and Rubella)

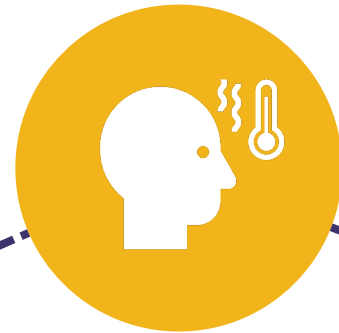
#### IMMUNIZATIONS STRONGLY RECOMMENDED

- Meningococcal Vaccine

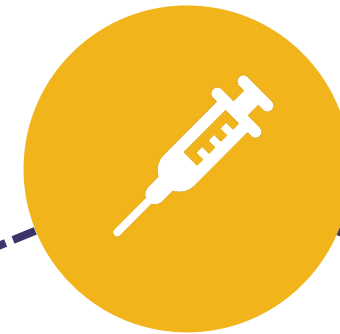


# The Impact

**80%** of parents didn't know about the Meningitis B vaccine.<sup>1</sup>



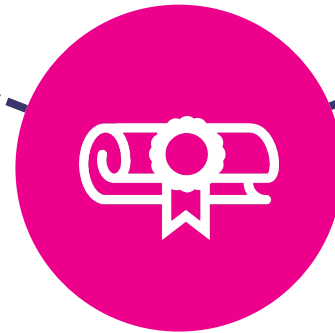
**100%** of college outbreaks since 2011 are caused by MenB.<sup>3</sup>



College students are **5x more likely** to contract MenB as compared to non-college students, yet few colleges require the MenB vaccine.<sup>5</sup>



**70%** of all meningococcal cases in the US are among 16-23-year-olds are MenB.<sup>2</sup>



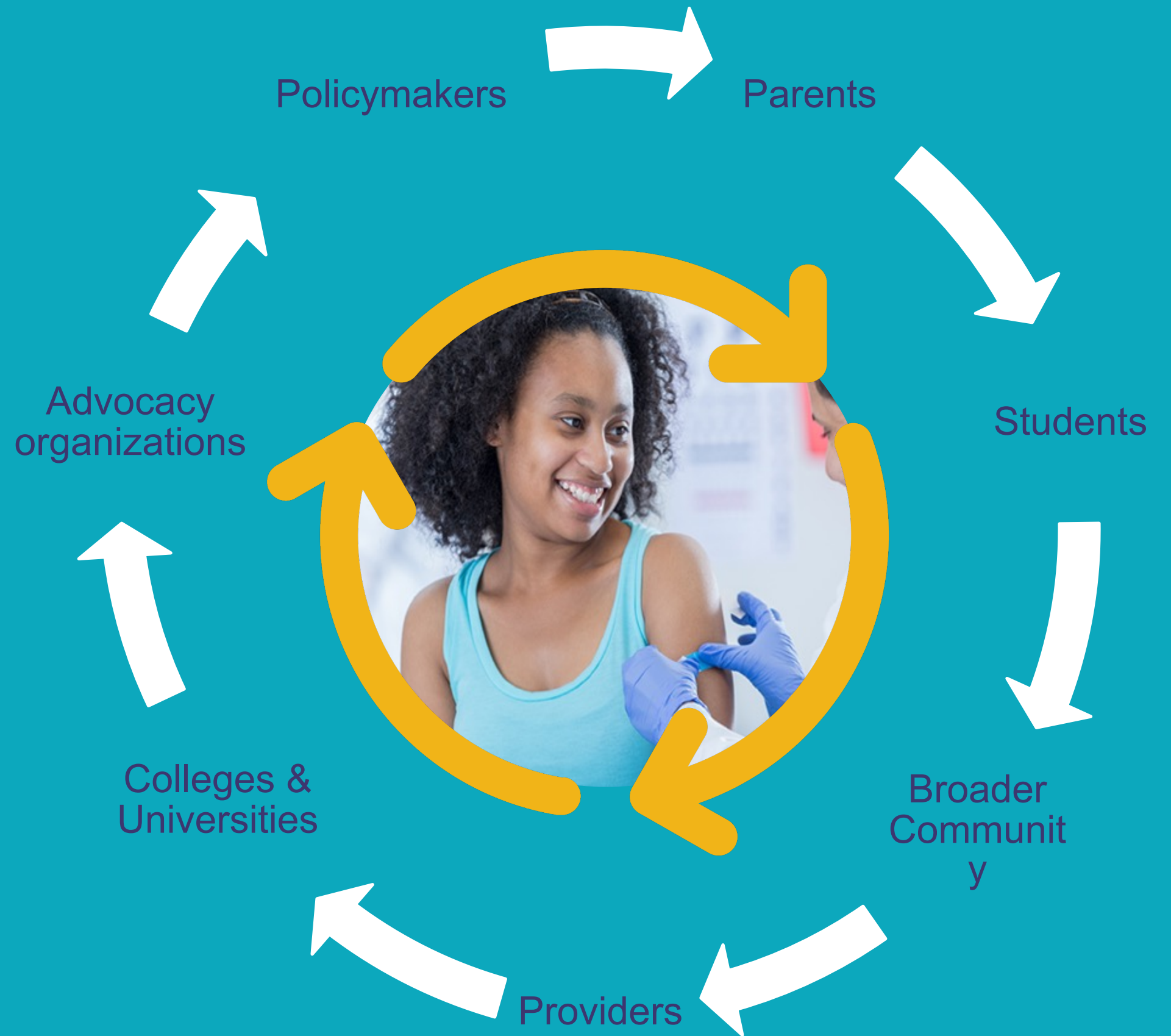
Only **6 out of 10** 17-year-olds have received at least two doses of the MenACWY vaccine.



Only **3 of 10** 17-year-olds have received their first dose of the MenB vaccine.<sup>4</sup>

# Our Goal: Educate and Mobilize All Stakeholders

Moving from knowledge to  
action takes a village



# Meningitis Prevention Can Be Complicated.

## ASMP Is Here To Help.

ASMP works to empower all people to take action to prevent meningococcal meningitis. Our work includes:



**Patient  
Education**



**Provider  
Education**



**Policy  
Advancement**



**Vaccination  
Equity**



**Advocacy  
Training**

# How We Can Help

## Resources to Support Awareness & Education Efforts

### Educational resources for:

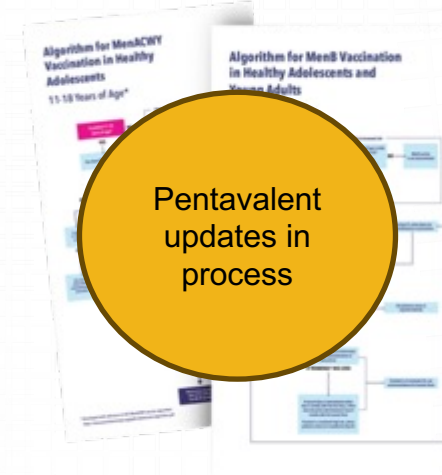
- Healthcare Professionals
- Students
- Parents

Local meetings, speaking engagements, webinars etc. We are eager to share our stories to help you spread this important message.



Available for download on [meningitisprevention.org](https://meningitisprevention.org)

### Brochures

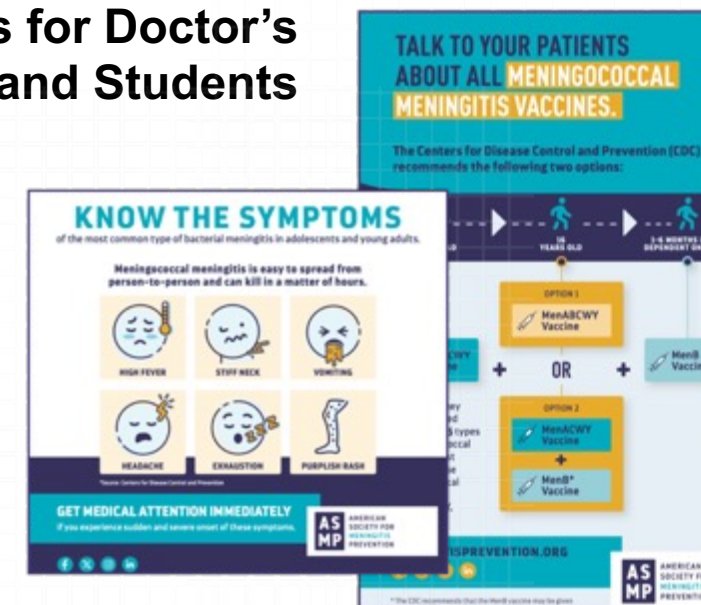


### Algorithm for HCPs

### Posters



### Magnets for Doctor's Offices and Students



### Videos



# How Can You Help?

- 01** Talk to your patients about all serogroups (A, B, C, W and Y) and how they can help protect themselves.
- 02** Ensure your school and college websites clearly explain all meningitis vaccine types.
- 03** Stock all recommended meningitis vaccines at your practice or health center.
- 04** Display/distribute educational materials in waiting rooms and/or on campus.
- 05** Invite us to share our stories with other groups so more people can understand the real impact of the disease.
- 06** **Help simplify meningitis vaccination recommendations – Share Your Voice!**

# One more way to get involved!

Help simplify meningitis vaccination recommendations

We need your help to make sure ACIP understands the potential repercussions of a risk-based recommendation for the MenB vaccine in advance of their next meeting on June 26-28.

The public comment period for ACIP closes **Monday** at 11:59 p.m. ET.

- ✓ Sign up to request an oral comment
- ✓ Submit a written comment
  - Regulations.gov using docket No. CDC-2024-0043

# Key Takeaway

Make sure your patients, students or loved ones are vaccinated against ALL 5 types of meningococcal bacteria most likely to cause meningococcal meningitis: A–B–C–W–Y.

Want to get involved  
or learn more about  
ASMP?

Contact us

[meningitisprevention.org](https://meningitisprevention.org)

[info@meningitisprevention.org](mailto:info@meningitisprevention.org)





# Questions?

