

Knowledge and receipt of HPV vaccine among caregivers of childhood cancer survivors in Utah

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Vaccines after cancer

Children with cancer can receive or catch-up on routine vaccines starting 3 to 6 months after end of treatment.



Vaccines after cancer

- Little data on vaccine practices after cancer treatment ends.
- HPV vaccination has been shown to be extremely low.
- Survivors of cancer should get three doses of the HPV vaccine.



Vaccines are a challenge after cancer

Primary Care Providers

“I would love to see some guidelines on when/if to reimmunize after cancer treatment.”

Oncology Nurse Care Coordinators

“I had trouble finding an immunization record. This seems to be something that is either there and scanned in (easy to find) or we don't have it.”

The background of the slide is a composite image. The left side features a microscopic view of various cells, likely lymphocytes, in shades of purple and blue. The right side shows a silhouette of a family of four (two adults and two children) standing on a beach, looking out at the ocean during a golden sunset. A teal horizontal bar is positioned behind the main title text.

CIAO Study

Childhood Immunizations After Oncology

Out of N=129 Surveyed Caregivers...

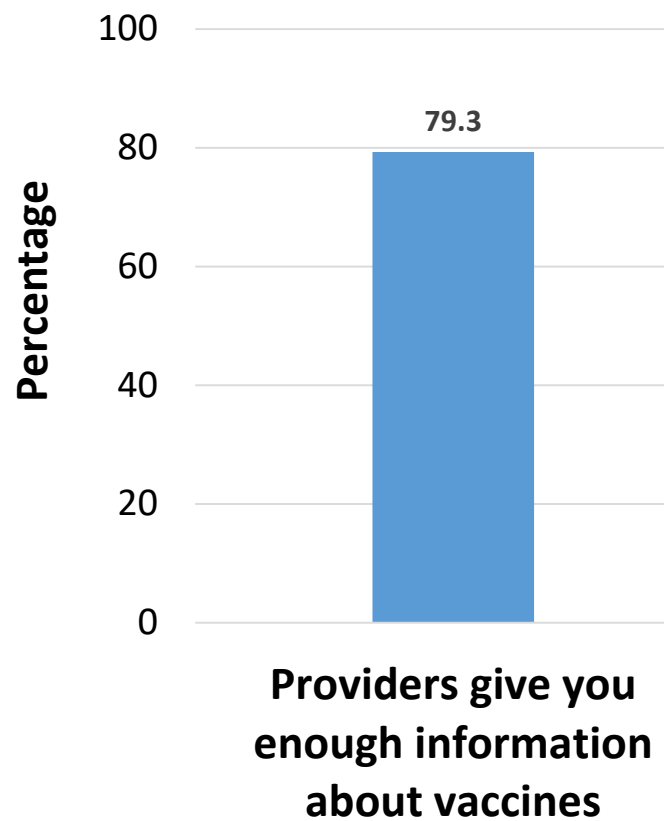
59 had a child who was age eligible for the HPV vaccine (ages 9-18)



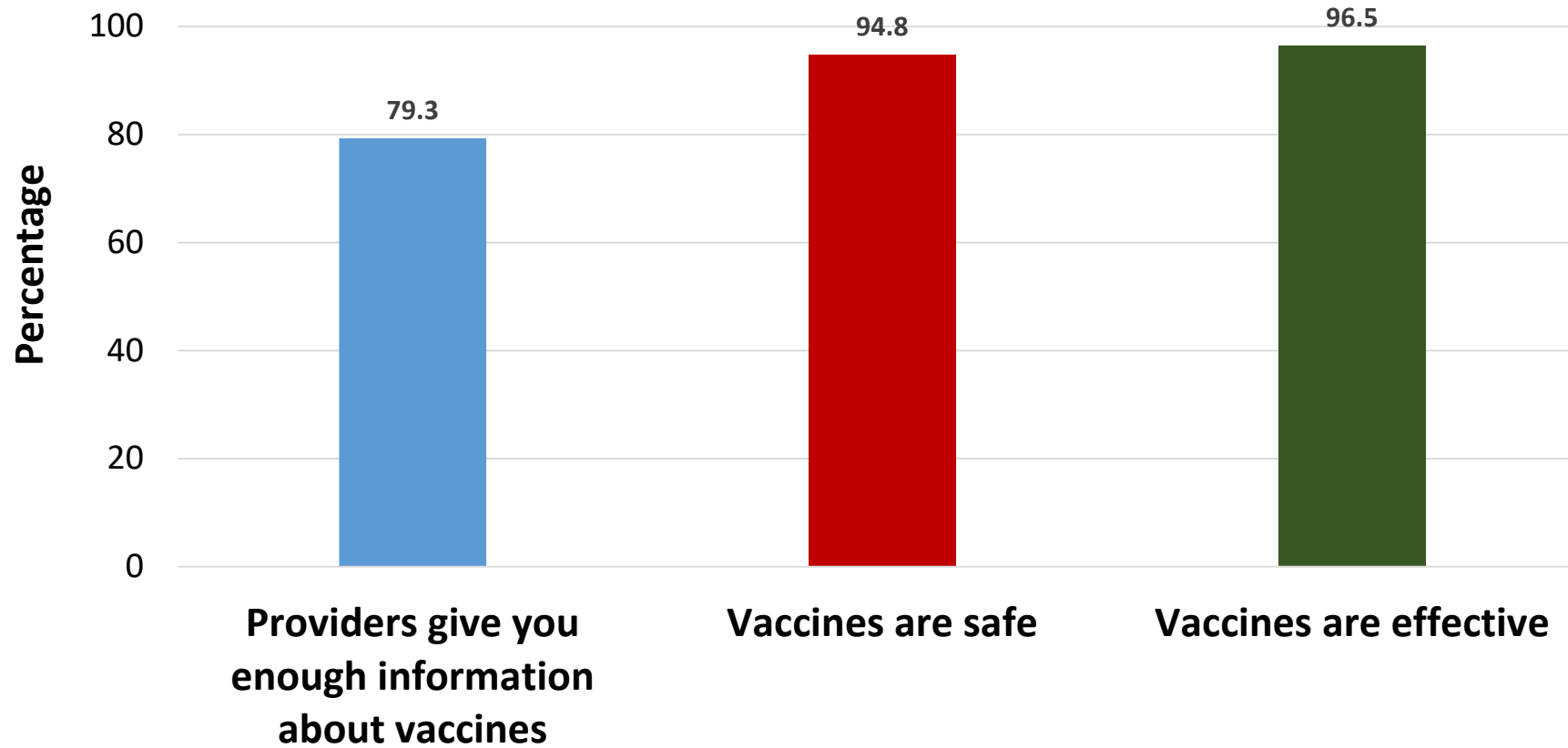
Parent/Caregiver Demographics (N=59)

	N	%
Age at survey		
18-39	27	46.5
40-49	23	39.6
50+	8	13.8
Type of caregiver		
Mother	50	86.2
Father	8	13.8
Education Level		
High school	9	15.8
Some college or technical school	22	38.6
College graduate or more	26	45.6

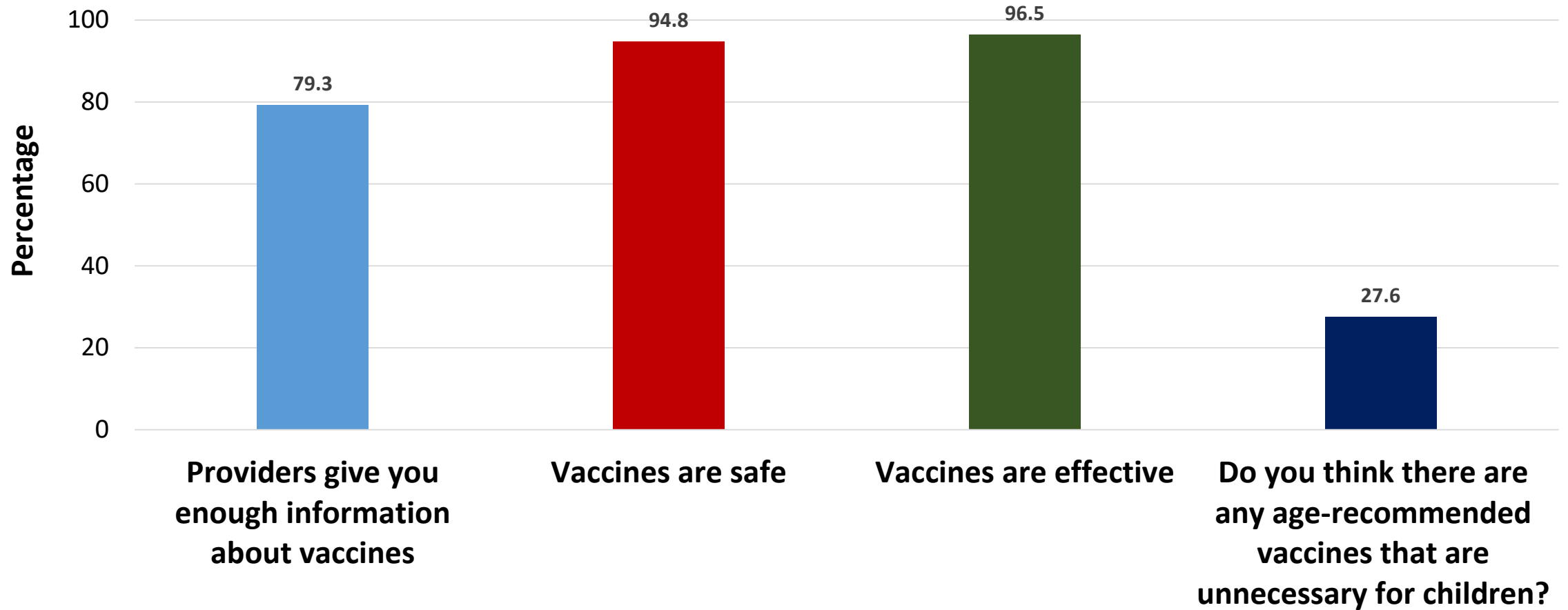
Overall results (N=59)



Overall results (N=59)



Overall results (N=59)



HPV vaccine results (N=59)

	%
Have you heard of the Human Papilloma Virus (HPV)?	91.5
Have you heard of the HPV vaccine?	87.8
Do you feel that children, when they reach the recommended age, should receive <u>the HPV vaccine</u> ?	72.4

HPV vaccine results (N=59)

	%
Has your child received the HPV vaccine?	33.9

Of those whose child had not received the HPV vaccine,

31.6%

are unlikely to have their child receive the HPV vaccine.

HPV vaccine results (N=59)

Top 3 reasons <u>not</u> have their child get the HPV vaccine	%
Not enough information	20.3
Side effects	15.3
Child not sexually active	8.5

HPV vaccine results (N=59)

Older parents (ages ≥ 40) reported a 7-fold higher likelihood of getting the HPV vaccine for their child (48% vs. 19%, Odds ratio=7.2, 95% CI 1.74-29.9) than parents ages 18-39.

*Factors like parent gender and rurality were not significant.

“I'm on the fence about the HPV vaccine. I'm not completely sure that its benefits are outweighing its risks, but I'm still looking for more information.”

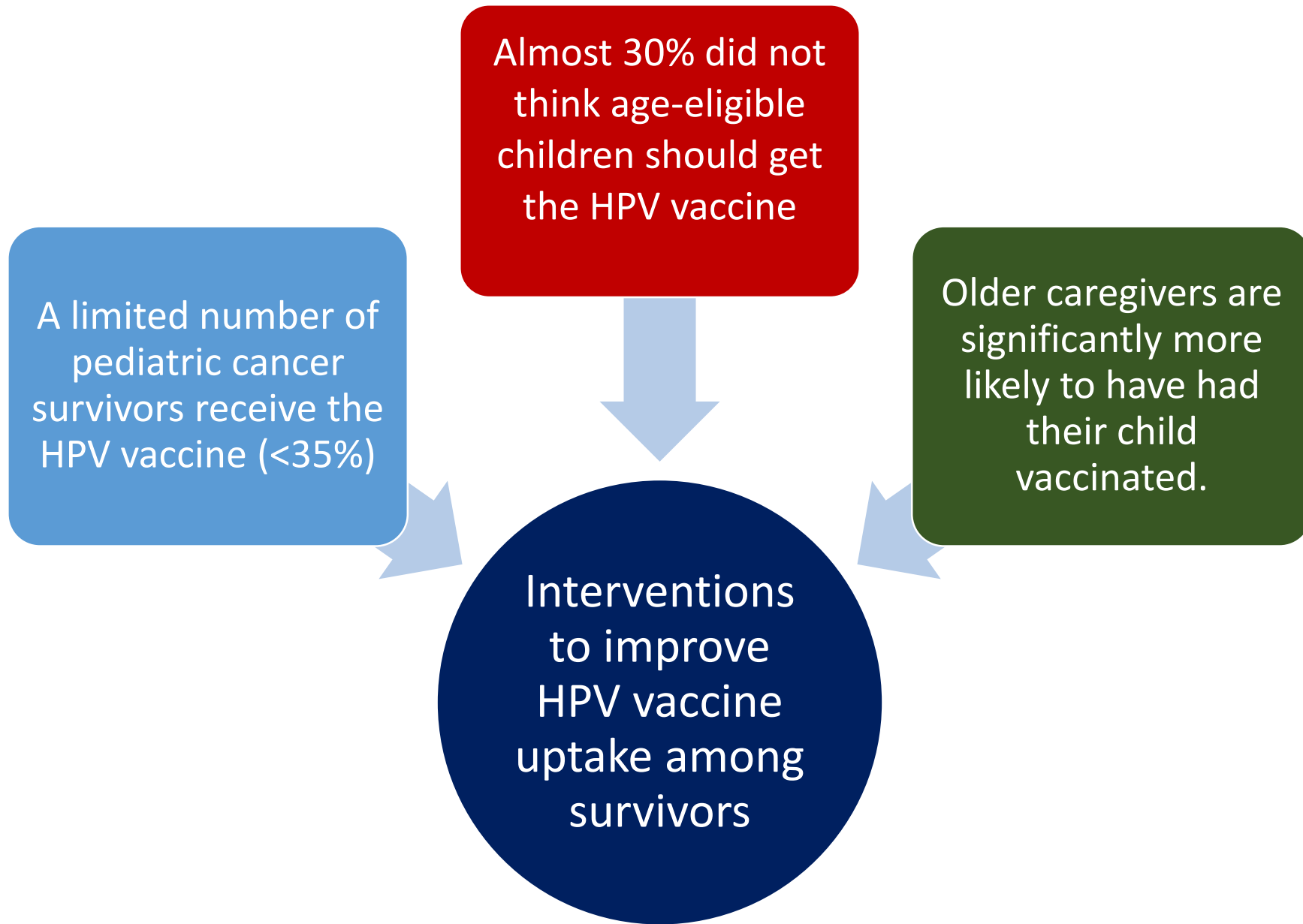


“Vaccine's ingredients are too toxic and nasty for me to let it enter my children's body.”

“I feel as though vaccinations may have been partial cause of my son’s brain cancer.”

“I am a little nervous getting vaccines after chemo wiped his body out. I am nervous about negative reactions.”





Team & Support

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And a big “Thank You” to:

patients, families and PCH staff!