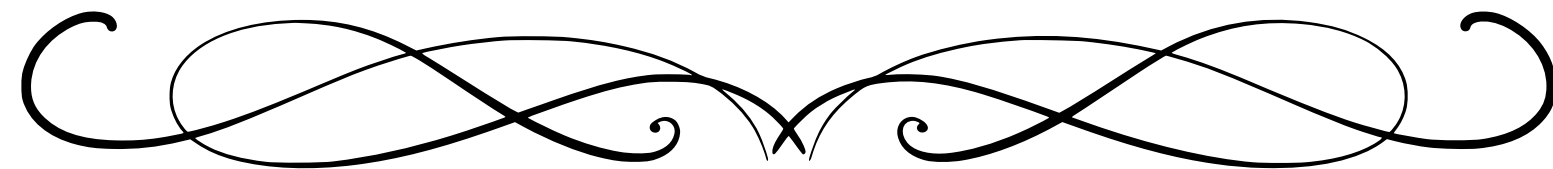


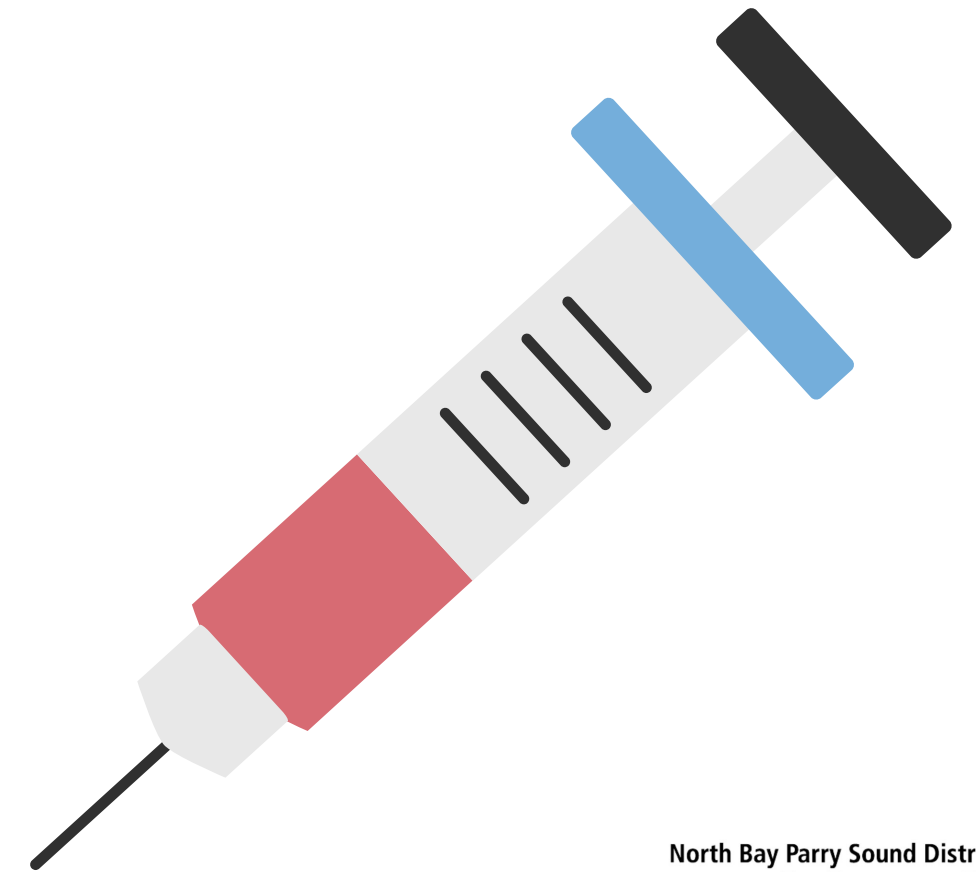


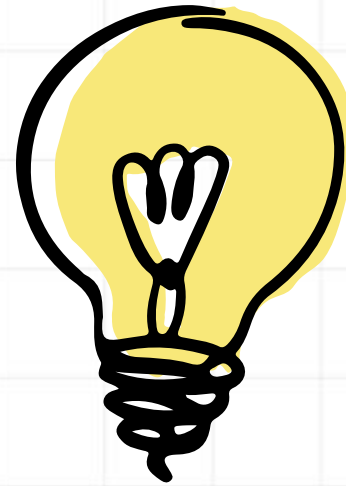
Vaccines in pregnancy and early childhood & vaccine hesitancy



North Bay Parry Sound District Health Unit

Lara Kennelly, BScN, RN





PROTECTION STARTS BEFORE BIRTH

EARLY CHILDHOOD IMMUNIZATION

VACCINES DURING PREGNANCY

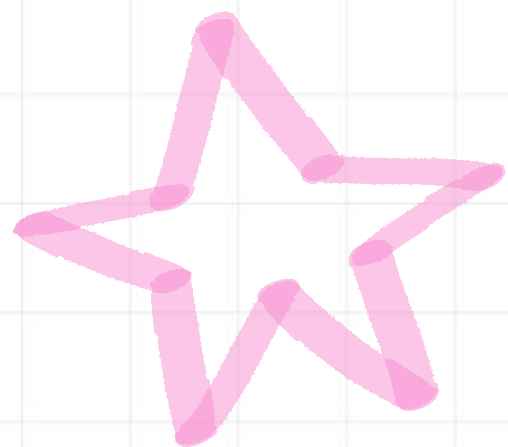
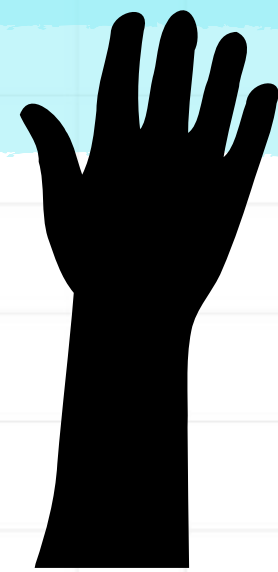
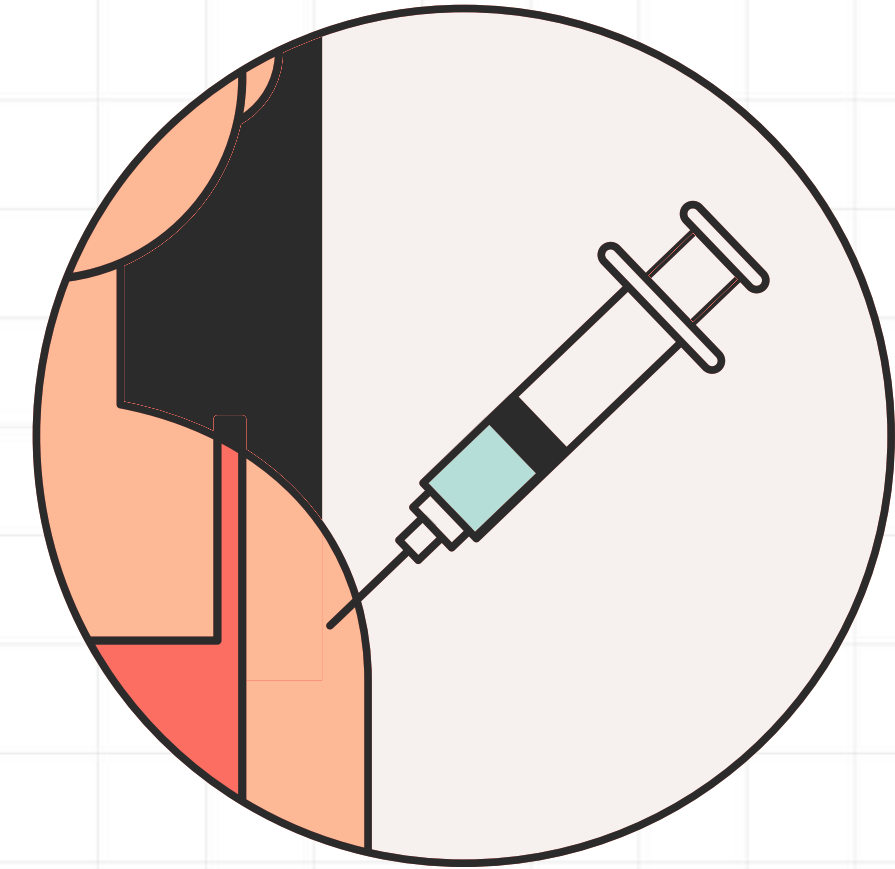
WHAT WE WILL DISCUSS
TODAY

ADDRESSING VACCINE HESITANCY

PREVENTING INFANT RSV

THE ROLE OF HEALTHCARE PROVIDERS

By a show of hands, how many of you have noticed an increase in vaccine hesitancy among your pregnant patients or new parents over the past few years?



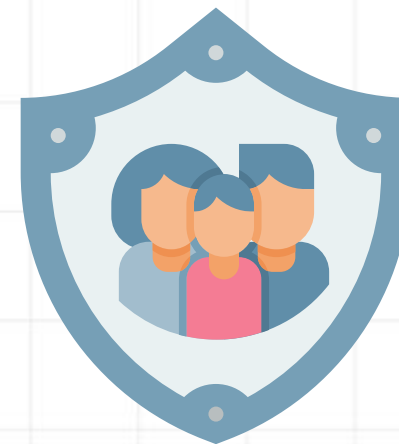
Which vaccine generates the most questions or refusals in your practice —Influenza, COVID - 19, Tdap, RSV, or routine childhood vaccines?

Infants experience the highest rates of severe disease

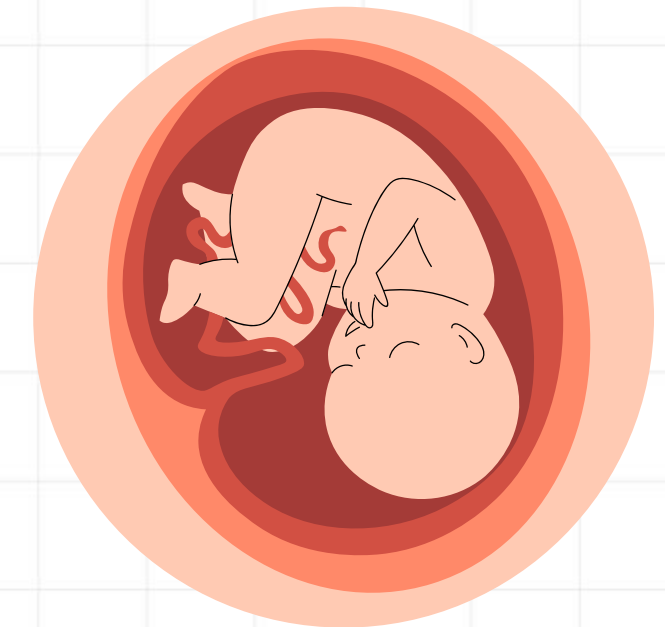


Maternal antibodies provide critical passive immunity

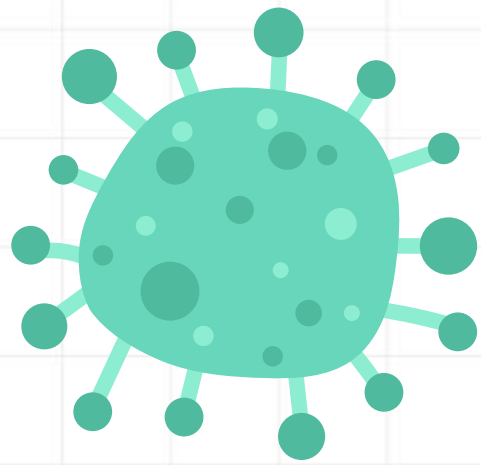
ProtectING Infants starts before birth



Vaccination of the mother during pregnancy shields infants before they encounter the disease



Infants are most vulnerable in the first months of life



Current Vaccine Recommendations

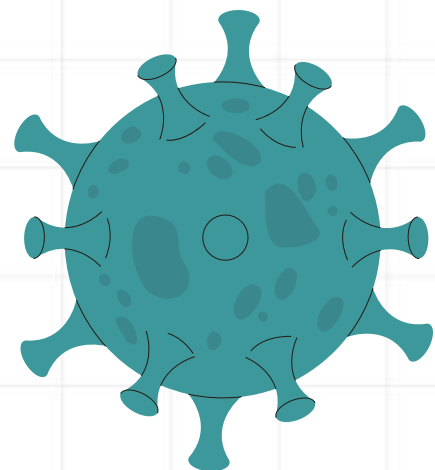
TDAP

Tetanus, Diphtheria,
Pertussis

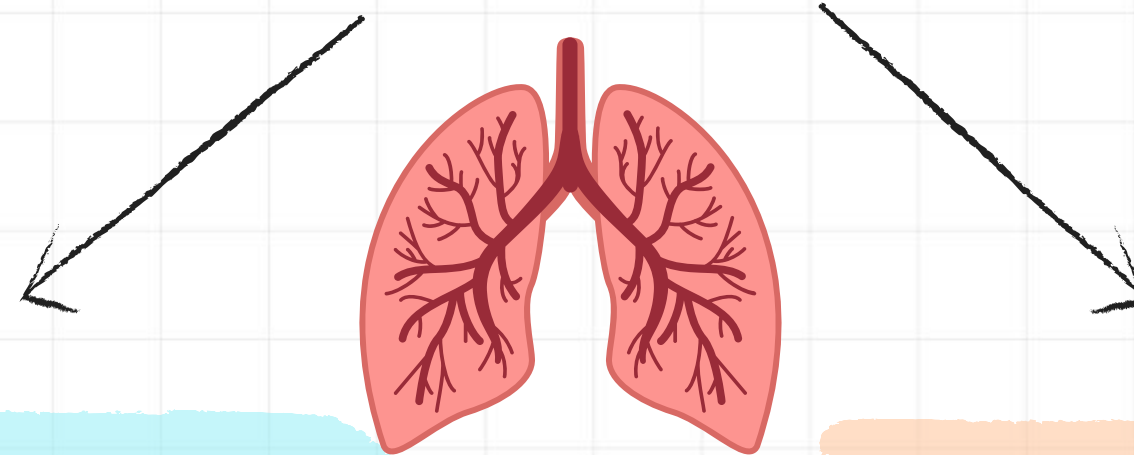
RSV

INFLUENZA

COVID19



RSV



ABRYSSVO®

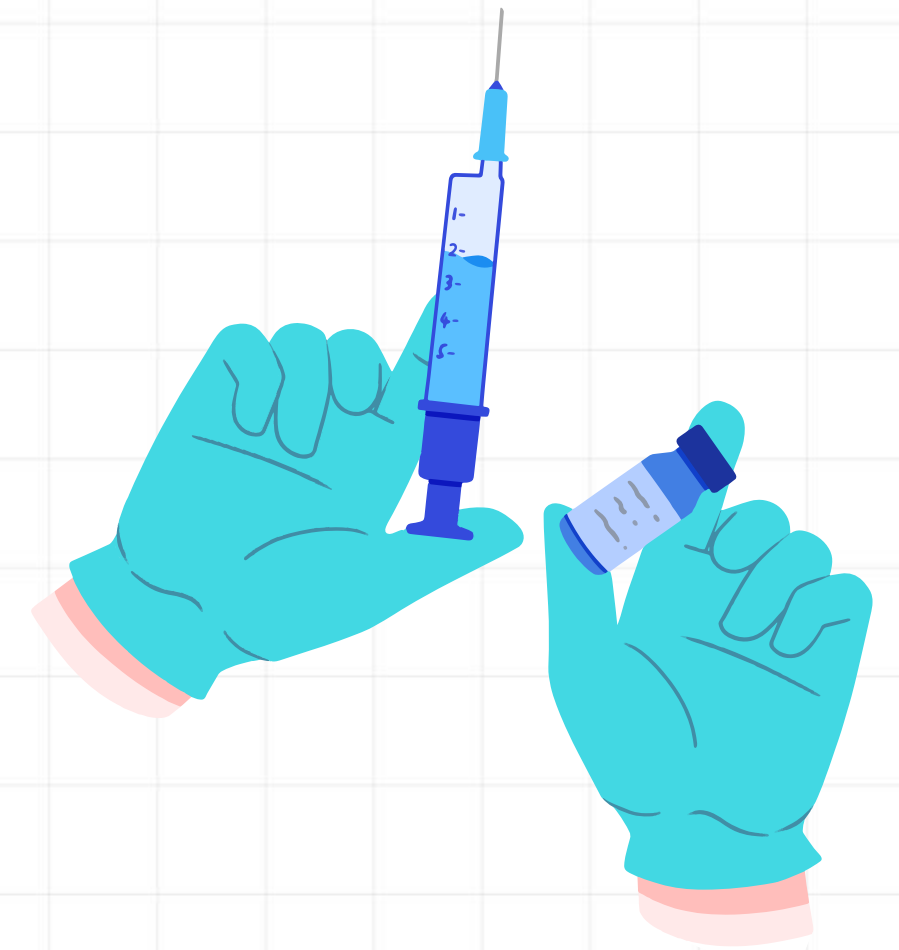
- Given between 28 -36 weeks gestation
- < 32 weeks is considered off label use of the product
- Provides passive antibodies through placenta
- Protection for the infant may not extend beyond the first 6 months of life
- Risk of inadequate transfer if vaccine is given too close to delivery
- There is no recommendation currently to repeat maternal RSV vaccination in subsequent pregnancies
- Infant will not be eligible for Beyfortus if Abrysvo is received in pregnancy (unless the infant meets specific criteria)
- ~57-82% reduction in infant RSV hospitalizations

BEYFORTUS®

- Given at birth during RSV season, ideally before hospital discharge
- Provides direct and immediate protection for up to 6 months, and may provide protection throughout the entire RSV season
- Not dependent on maternal status or transfer
- Associated with an 84% reduction in infant RSV hospitalizations



Routine Vaccines During Pregnancy



COVID- 19

INFLUENZA

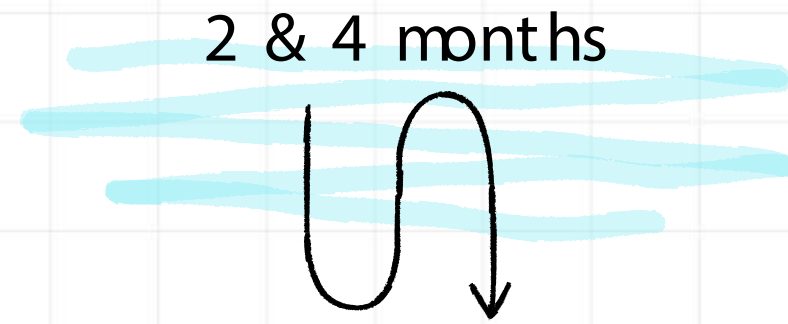
Tdap

SAFE AND EFFECTIVE AT ANY
POINT IN PREGNANCY

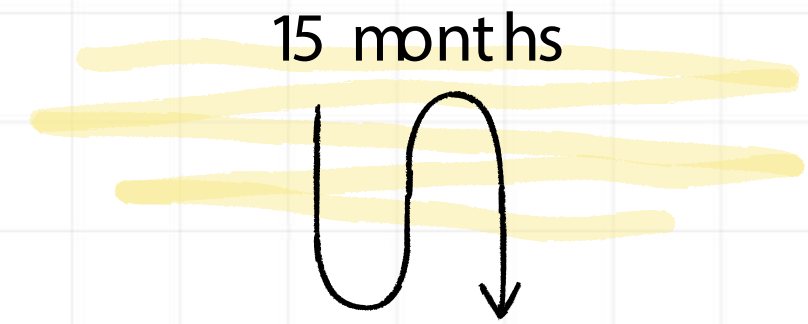
SAFE AND EFFECTIVE AT ANY
POINT IN PREGNANCY

GIVEN AFTER 27 WEEKS

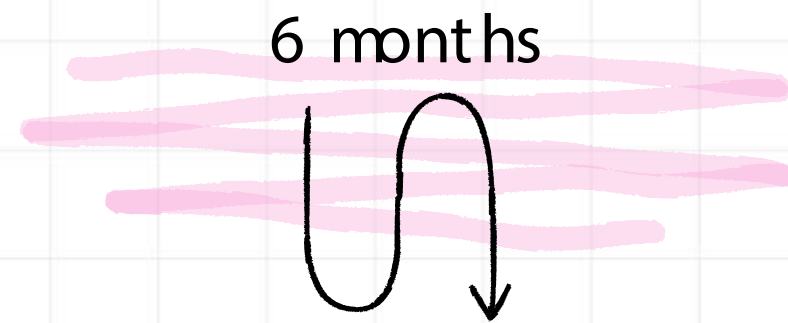
Publicly funded vaccine schedule



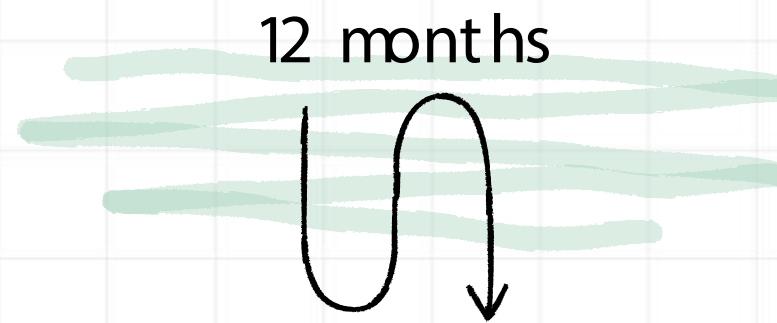
- Tetanus, Diphtheria, Pertussis, Hib, Polio
- Rotavirus
- Pneumococcal (15 strains)



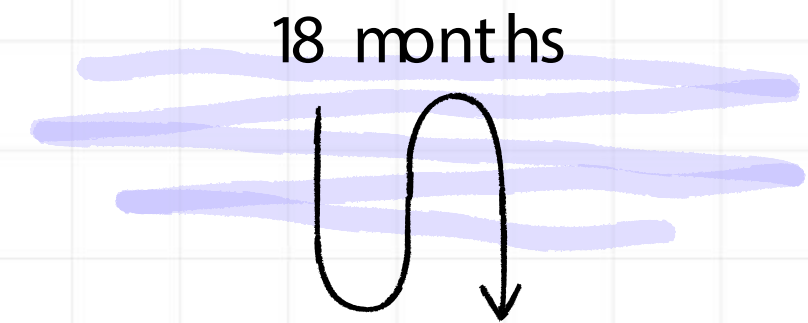
- Varicella (Chicken Pox)



- Tetanus, Diphtheria, Pertussis, Hib, Polio
- Influenza
- COVID 19



- MMR
- Meningococcal
- Pneumococcal (15 strains)



- Tetanus, Diphtheria, Pertussis, Hib, Polio



Hesitancy

VS



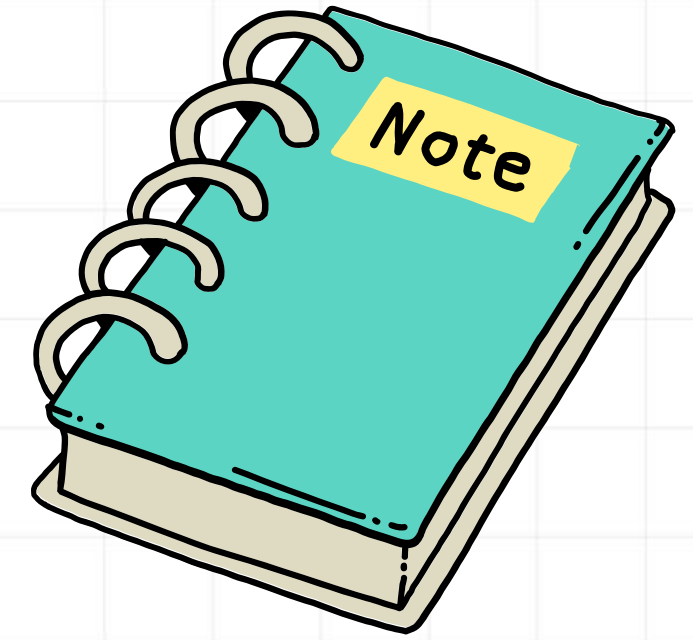
Vaccine Refusal

VS

Anti -Vaccine



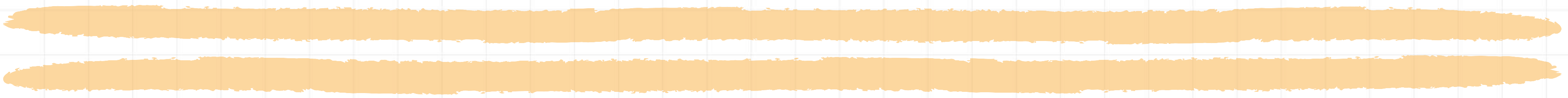
Understanding Vaccine Hesitancy



Confidence

Complacency

Convenience





The Role of Health Care Providers

01

Give a Strong,
Clear
recommendation

02

Start
Conversations
around
vaccination
early

03

Listen and
validate
concerns,
while
relying on
safety

04

Keep
messaging
simple and
consistent

05

Revisit the
conversation
over time

how you communicate matters as much as what you say!

SickKids Immunization InfoLine



Do you have questions about immunization in childhood or pregnancy?

SickKids Immunization InfoLine offers families comprehensive information from a trusted health-care professional about all immunizations offered during childhood and pregnancy. The service offers phone appointments with a SickKids nurse to talk about immunizations in a secure and non-judgmental environment.

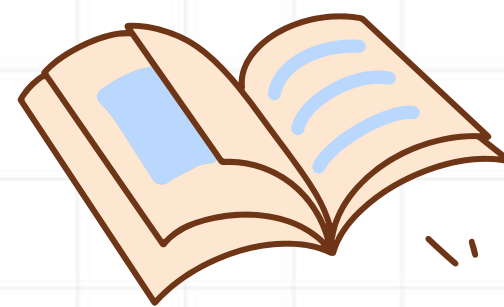
This service is free to Ontario residents and families
are encouraged to book a consultation online:
www.sickkids.ca/immunizationinfo



Scan the QR code to book an appointment now

Contact Information

Email: immunizationinfo@sickkids.ca
Phone: 416-813-8101 ext. 308101



resources



Questions about your health?

Speak with an
expert physician!



Our trusted doctors are here to listen and answer your questions about:



VACCINES

Including measles, RSV,
flu, COVID-19 and
routine immunizations



CANCER SCREENING

For colon, breast
and cervical



PREVENTATIVE HEALTH COUNSELLING

For topics such as infectious
diseases, health risk factors,
and community resources



Schedule a one-to-one phone conversation.

BOOK ONLINE:
shn.ca/VaxFacts



IN PARTNERSHIP WITH





THANK
you

