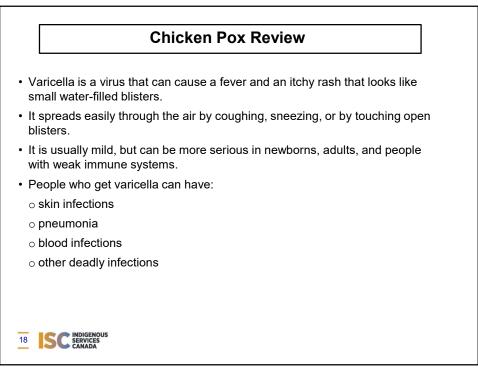


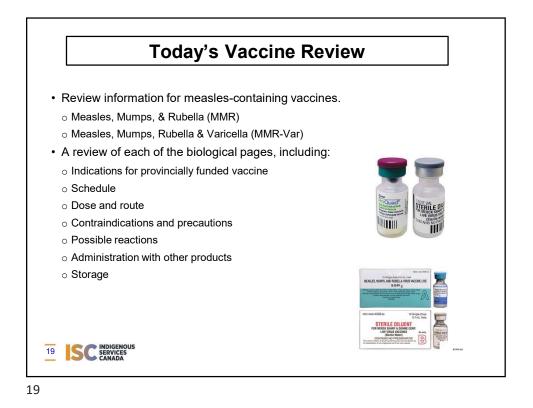
Rubella Review

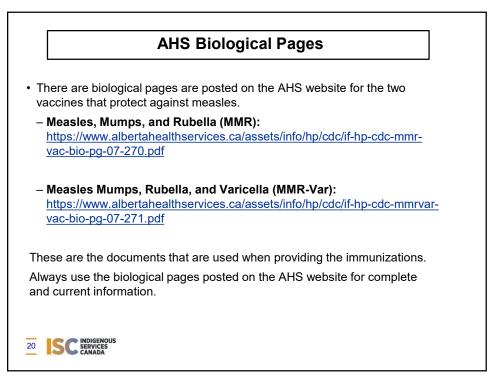
What is Rubella?

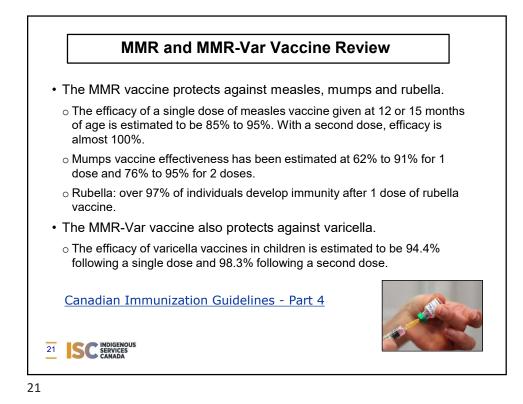
- Rubella is a virus that spreads by coughing or sneezing.
- It is usually mild.
- · It can cause:
 - $_{\circ}$ a fever
 - $_{\odot}$ a sore throat
 - $_{\odot}$ swollen neck glands
 - $_{\odot}$ a rash with red, raised bumps
 - \circ painful, swollen joints
 - \circ encephalitis
 - $_{\odot}$ a bleeding disorder
- If you get rubella while you are pregnant, it can cause loss of a baby during pregnancy (miscarriage or stillbirth) or the baby may be born with disabilities.

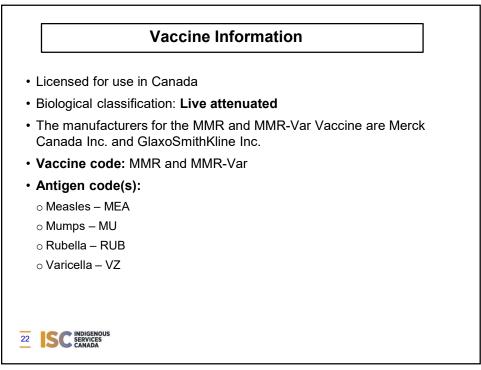
17 ISC SERVICES

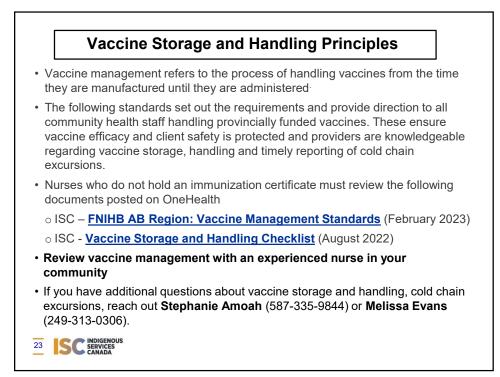


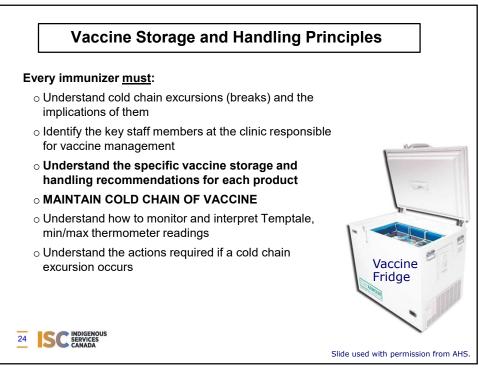


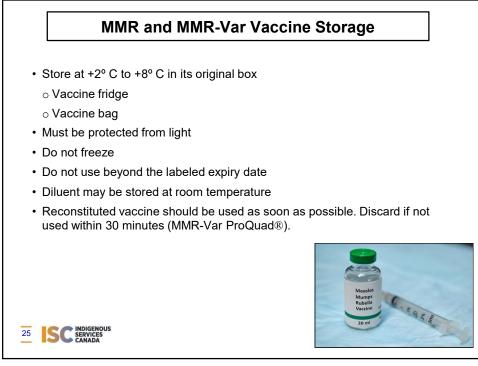


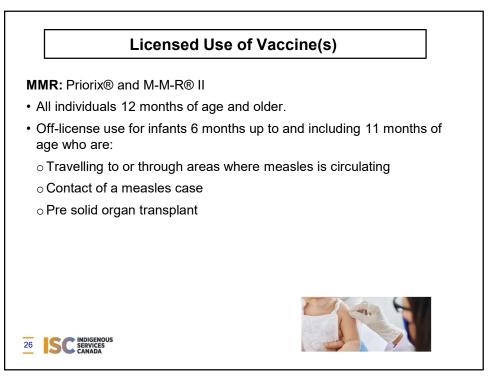


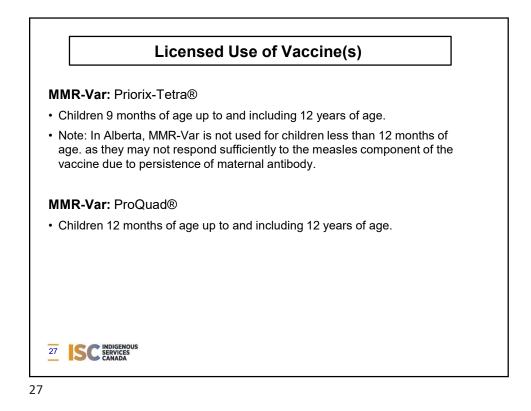


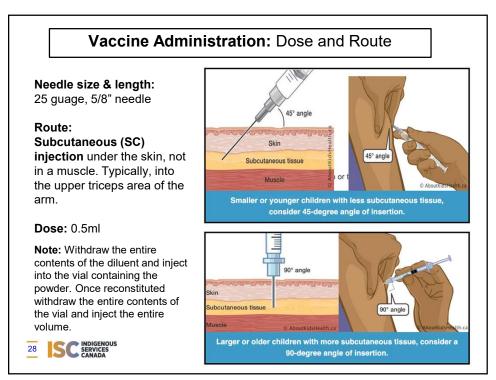


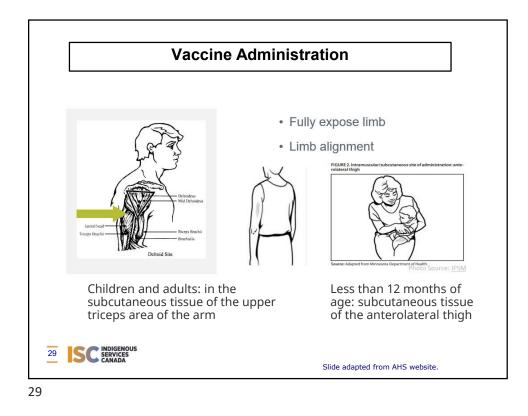


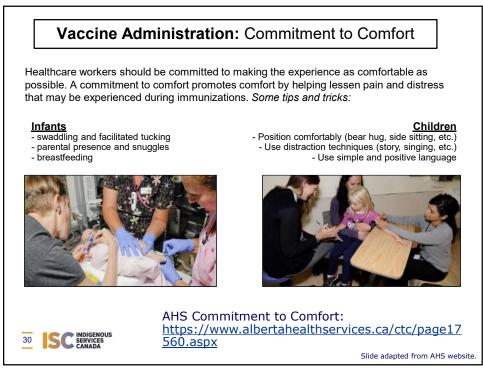


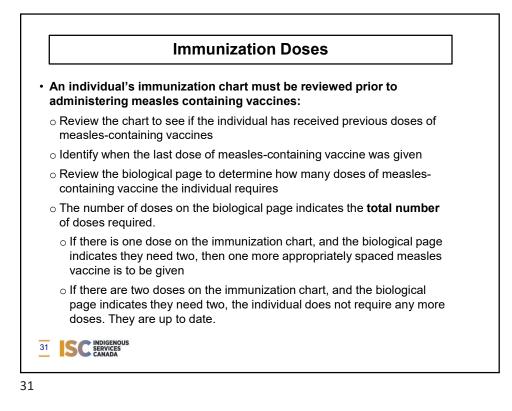


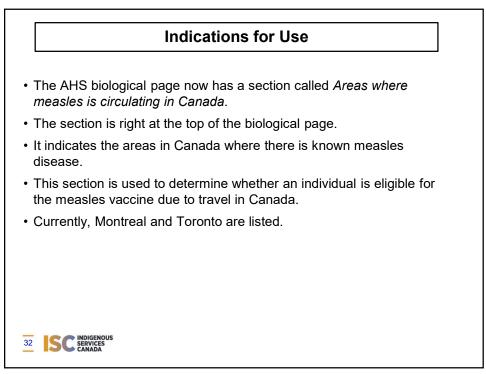












Indications for Use – Pre-exposure		
Age Group	Dose & Scheduling	Notes
 Infants 6 months of age up to and including 11 months of age: Travelling to or through areas where measles is circulating in Canada or any other country outside of Canada candidates for solid organ transplant (SOT) 	MMR Vaccine 1 Dose SC	 To ensure long term protection, two additional doses of measles- containing vaccine must be administered beginning at 12 months of age with the appropriate interval between doses.
33 ISC EERVICES	Reminder: For complete and use the biological pages pos	

Age Group	Indications for Use	Notes
 Healthy children 12 months of age up to including 12 years of age when varicella vaccine is also indicated 	 MMR-Var Vaccine 2 Doses SC Dose 1: 12 months of age Dose 2: 18 months of age (previously given at 4 – 6 years of age, with preschool boosters) 	 If off-schedule, there should be a minimum 3 months between each MMR-Var dose. Children travelling to or through areas where measles is circulating in Canada (Montreal and Toronto) and all countries outside of Canada should have two doses of measles containing vaccine with the appropriate minimum interval between doses (see biological page for spacing for MMR and MMR-Var vaccines).
		 The second dose of measles-containing vaccine given as MMR vaccine alone or MMR-Var can be given prior to 18 months o age using the recommended interval between doses.

Age Group	Dose & Scheduling	- Pre-exposure Notes
 Healthy children 12 months of age up to and including 12 years of age when varicella vaccine is not indicated children 13 years of age up to including 17 years of age 	 MMR Vaccine 2 Doses SC Dose 1: 12 months of age Dose 2: 18 months of age (previously given at 4 - 6 years of age, with preschool boosters) If child is off schedule or rapid protection is required (travel or post exposure), minimum spacing between doses is 4 weeks. 	 Review varicella biological page to confirm varicella vaccine is not indicated Children travelling to or through areas where measles is circulating in Canada (Montreal and Toronto) and all countries outside of Canada should have two doses or measles containing vaccine with the appropriate minimum interval between doses (see biological page for spacing for MMR and MMR-Var vaccines). The second dose of measles-containing vaccine given can be given prior to 18 months of age using the recommended interval between doses. MMR-Var vaccine <u>cannot</u> be used for individuals 13 years of age and older, MMR vaccine must be used.

 history of laboratory confirmed measles disease, OR serological evidence of measles immunity (measles IgG 		
 history of 2 valid doses of measles-containing vaccine, OR history of laboratory confirmed measles disease, OR serological evidence of measles immunity (measles IgG positive). When required, the MMR vaccine is used for these 	Age Group	Notes
	Individuals 18 years of age and older born <u>after</u> 1970	 history of 2 valid doses of measles-containing vaccine, OR history of laboratory confirmed measles disease, OR serological evidence of measles immunity (measles lgG positive). When required, the MMR vaccine is used for these

Age Group	Notes
Health care workers (regardless of year of birth):	 Protected from measles if they have: history of 2 valid doses of measles-containing vaccine, OR history of laboratory confirmed measles disease, OR serological evidence of measles immunity (measles IgG positive). When required, the MMR vaccine is used for these individuals, with a minimum of 4 weeks between doses.

Age Group	Notes
Post-secondary tudents born <u>pefore</u> 1970	 Protected from measles if they have: history of 1 valid dose of measles-containing vaccine, OR history of laboratory confirmed measles disease, OR serological evidence of measles immunity (measles IgG positive). When required, the MMR vaccine is used for these individuals.

Age Group	Notes
Individuals born before 1970 travelling to or through areas where measles is circulating in Canada (Montreal and Toronto) and all countries outside of Canada:	 Protected from measles if they have: history of 1 valid dose of measles-containing vaccine, OR history of laboratory confirmed measles disease, OR serological evidence of measles immunity (measles IgG positive). When required, the MMR vaccine is used for these individuals.

Age Group	Notes
 Individuals born before 1970 who are not a: healthcare worker, post-secondary student, or traveling to or through areas where measles is circulating in Canada (Montreal and Toronto) and all countries outside of Canada 	 From a population perspective, these individuals are generally presumed to have acquired natural immunity to measles. Do not require measles vaccine. Serology is not indicated. Note: individuals born in 1957 or later require 1 dose MMR for Rubella if they do not have lab confirmed rubella disease or immunity.

