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Alert	ORAL ADMINISTRATION ONLY				
	The first dose of rotavirus vaccine should be given to infants between 6 and 14 v				
	chronological age (prior to turning 15 weeks chronological age) and the second dose by 24				
	weeks of age (prior to turning 25 weeks of age). The interval between dose 1 and 2 should not be less than 4 weeks.				
	From July 2017, only Rotarix will be made available under National Immunisation Program in Australia.				
	Regular look up for any	online updates by the A	Australian Immunisation Re	egister is	
	recommended.				
Indication	Primary immunisation o				
Action	Live attenuated human rotavirus vaccine that induces protective immunity against the			ty against the	
	G1P(8) strain and some other non-G1 prevalent strains of rotavirus.				
Drug Type	Vaccine.				
Trade Name	Rotarix	Rotarix			
Presentation	1.5 mL oral suspension	in an oral applicator wi	ith plunger stopper.		
Maximum Daily Dose	See "Total Cumulative D	See "Total Cumulative Dose"			
Total Cumulative Dose	Limited data on the safety of administering higher than the recommended dose.				
Dosage / Interval	1.5 mL orally.				
	-		with 2- and 4-month imm		
	1 can be administered at 6 to 14 weeks of age and dose 2 can be administered at 14 to 24				
	weeks of age.	notwoon first and socor	nd doses must be greater t	han 1 wooks	
	NOTE. DOSage interval t		iu uoses must be greater t	nan 4 weeks.	
	Schedule	Age limit for first	Age limit for second	Minimum interval	
		dose	dose	between doses	
	2 oral doses (1.5 mL/dose)	6–14 weeks	14–24 weeks	4 weeks	
		al rotavirus vaccine has	s been regurgitated or vom	nited within minutes	
		NOTE: If most of the oral rotavirus vaccine has been regurgitated or vomited within minutes of administration, a single repeat dose can be administered during the same immunisation			
	encounter. If an infant r	encounter. If an infant regurgitates or vomits only a small part of a vaccine dose, it is not			
	necessary to repeat the	dose.			
	Catch-up schedule: If an infant has NOT had a dose of any rotavirus vaccine AND is ≥ 15 weeks then that infant is NOT ELIGIBLE to commence any rotavirus vaccination dose. ¹ Preterm infants: Vaccine is administered at a chronologic age (without correction for				
	preterm infants: vaccine is administered at a chronologic age (without correction for prematurity) similar to term infants, if the infant is clinically stable. ¹				
	Hospitalised infants: If standard infection control precautions are maintained and the infan				
	-		delayed, particularly if the o	delay would result in	
	an infant being beyond the upper age limit for vaccination. ¹				
	Systemic corticosteroid therapy: Rotavirus vaccine is not contraindicated in neonates on				
		• •			
	inhaled or systemic corticosteroids if they are otherwise medically stable. (personal communication with Australian Immunisation Registry experts Kristine Macartney and Jim Buttery). ¹				
	Other live vaccines: Rotavirus vaccine can be given at any time before or after the routine				
		-	r after BCG vaccine. The re		
	administering live vaccines either at the same time or after an interval of four weeks only applies to injectable live viral vaccines and, therefore, not to BCG or to the oral rotavirus				
	vaccines. ²				

Route	Oral or via gastric tube
Administration	Oral: Administer entire applicator or dosing tube content on inside of cheek with child in
	reclining position.
	Gastric tube: For infants who can't take the vaccine orally, it can be administered via a gastri
	tube; flush with air to clear the tube.
	Can be given with or without feeds.
	Record details of vaccination in patient's Personal Health Record ('Blue Book') and
	medication chart.
	Other vaccines can be given at the same time (refer to Drug interactions section).
Monitoring	An an hada sia fa lla situa a manda sa daga a faraha dina sa anta a
Contraindications	Anaphylaxis following a previous dose of rotavirus vaccine.
	Anaphylaxis following any vaccine component.
	Previous history of intussusception or a congenital abnormality that may predispose to
	intussusception. Fatal intussusception after the second dose has been reported in infants
	with a history of intussusception after the first dose. Severe Immunocompromise.
	Severe Combined Immunodeficiency (SCID).
	Do not administer to (i) infants older than 24 weeks of age as safety has not been
	demonstrated, particularly in relation to risk of intussusception, (ii) infants with
	malformation of the gastrointestinal tract that could predispose them to intussusception, (iii
	hereditary fructose intolerance, glucose/galactose malabsorption or sucrase-isomaltase
	insufficiency.
	If infant is > 14 weeks and inadvertently receives 1st dose of rotavirus vaccine, reassure
	parents and discuss minimally increased risk of intussusception. Provide information on
	symptoms/signs of intussusception. If infant is < 25 weeks (upper limit for dose 2 of rotaviru
	vaccine), and minimum interval of 4 weeks between vaccine doses can be achieved, give a
	second dose of rotavirus vaccine
Precautions	Use with caution in infants with underlying conditions predisposing to severe rotavirus
Precautions	gastroenteritis (including metabolic disorders or chronic gastrointestinal disease e.g.,
	Hirschsprung's disease, malabsorption syndromes or short gut syndrome).
	Severe acute gastroenteritis (e.g. necrotising enterocolitis)
	Significant acute illness or temperature greater than 38°C (postpone vaccine until
	neonatologist approves).
	Use with caution in immunosuppressed infants (the theoretical risk for vaccine virus-
	associated disease is considered likely to be less than their risk from being exposed to
	disease from natural infection).
	Infants with a moderate to severe illness should be vaccinated after recovery. In addition to
	the factors mentioned above, this avoids superimposing potential adverse events related to
	vaccination on any concurrent illness.
	Minor infections, without fever or systemic upset, are not reasons to postpone vaccination.
	Fever secondary to environmental factors is not a reason to postpone vaccination.
	Viral shedding in stools, particularly after the first dose, could pose a risk of transmission of
	virus to immunocompromised close contacts. Good hygiene practices and contact
	precautions MUST be observed at ALL times (i.e. washing hands regularly, especially after
	changing nappies).
Drug interactions	Co-administration studies have demonstrated that rotavirus vaccine can be given
	concomitantly with any of the following vaccines: Diphtheria tetanus acellular pertussis
	vaccine (DTPa), Haemophilus influenzae type b vaccine (Hib), inactivated polio vaccine (IPV),
	hepatitis B vaccine (HBV), hexavalent vaccines DTPa-HBV-IPV/Hib, pneumococcal conjugate
	vaccine and meningococcal serogroup C conjugate vaccine. The studies demonstrated that
	the immune responses and the safety profiles of the administered vaccines were
-	unaffected. ¹
Adverse Reactions	Diarrhoea and vomiting.
	Intussusception—inform parents of the rare risk of intussusception and how to be alert for
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	signs and symptoms. Any suspected vaccine related adverse reactions should be reported to Therapeutic Goods Authority (more info: https://www.tga.gov.au/form/national-adverse-events-following- immunisation-aefi-reporting-form)	
Compatibility	Other vaccines can be given concomitantly.	
Incompatibility	No information.	
Storage	Store between 2 and 8°C. Do NOT freeze as this reduces potency. Storage above or below the recommended temperature may decrease potency.	
Special Comments	RotaTeq and interchangeability of vaccine: As of July 2017, RotaTeq (pentavalent human- bovine reassortant rotavirus vaccine) is not used in Australia, but it is available globally. RotaTeq is given as a 3-dose course. Upper age limit for RotaTeq is prior to 33 weeks of age. An infant might have received 1 or 2 doses of RotaTeq overseas prior to arrival in Australia. Where possible the completion of the course of rotavirus vaccine should be with the same vaccine from the same manufacturer. If either dose 1 or dose 2 of the rotavirus vaccine is given as RotaTeq (pentavalent human-bovine reassortant rotavirus vaccine) a third dose of either rotavirus vaccine should be given, provided the upper age limit and inter-vaccine interval are observed.	
Evidence summary	Refer to full version.	
References	Refer to full version.	

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