

INTERNATIONAL VACCINATION SCHEDULE

COUNTRY/RANK	USA (33)	Canada (23)	Japan (3) ** all optional	Finland (7)	Spain (13)	Iceland (1)
AGE						
Birth	HepB	HepB		BCG HepB**	HepB** * Inf mother	
1 month	HepB	HepB			HepB	
2 months	Dtap HiB Polio IPV PCV Pneumonia	DTaP HiB PCV MenC		RTV3	DTaP HiB PCV MenC HepB	
3 months	HepB	HepB	Polio IPV BCG	DTaP HiB IPV		DTaP HiB IPV
4 months	DTaP HiB IPV PCV	DTaP HiB IPV PCV MenC			DTaP HiB IPV	
5 months				DTaP HiB IPV		DTaP HiB IPV
6 months	DTaP HiB Polio PCV HepB Influenza	DTaP HiB Polio PCV MenC	DTaP		DTaP IPV MenC HepB	MenC
8 months		Influenza 6-23mo	DTaP, polio			MenC
12 months	MMR (12-15) HiB (12-15); PCV (12-15) Varicella (12-15)	MMR Varicella Pneumonia	Measles (12-90m) Rubella (12-90) JapEnceph (9-13)	DTaP HiB IPV	MMR** Separating beginning 2011	DTaP HiB IPV

COUNTRY/RANK	USA (33)	Canada (23)	Japan (3) ** all optional	Finland (7)	Spain (13)	Iceland (1)
AGE						
14-18 months	DTaP	DTaP (14-15) HiB IPV MMR	DTaP (14-16)	MMR	DTaP HiB IPV MenC	MMR
24 months	HepA x 3		JapEnceph (24-36 months)			
4 years		DTaP IPV	BCG <age 4	DTaP MMR	MMR	
5 years			JapEnceph		DTaP	Dtap
6 years			BCG Booster	DTaP		
12 years	MMR 3rd Varicella	MMR	No varicella Mumps rare HepB/risk	No varicella	No varicella	MMR No varicella

Resources

<http://idsc.nih.gov/yosok99>

www.immunize.org

www.euvac.net

www.euvac.net

www.blessedmom.org

www.unitednationsstatisticbase.org

<http://publichealthcanada.com>

www.healthlink.bc.ca

www.merck.com

www.glaxosmithkline.com

Japanese vaccination schedule

pneumococcal vaccine

Iceland vaccination schedule

Spain vaccination schedule

Info on vaccine profiles

Infant mortality by country

Tetanus information

Meningitis vaccine information

Vaccine profiles

Vaccine profiles

DISEASE & VACCINE INFORMATION

VACCINE PROFILE	DISEASE	GENERAL INFORMATION & RISK
HepB	Hepatitis B	<p>Infancy risk: minimal with uninfected mother. Lowest common denominator democracy (LCD)</p> <p>Transmission: infected needles, sexual transmission, infected mother vertically</p> <p>Vaccine: Merck profile - recombinant bacteria, surface antigens, yeast cell medium, Thimerosal, formaldehyde, diphtheria remnants, antibiotics Vaccine risk: Medium-high at birth weight</p>
HiB***	Haemophilus	<p>Incidence: Prior to vaccination era, 2.3/100,000; now 0.3/100,000. 97% reduction in 70% vaccinated</p>
	Influenza Type B	<p>Population (highest incidence in First Nations, North America)</p> <p>Disease Chart: Severe URTIs, meningitis in 55% of cases, severe neurological sequela in 20% of cases, deafness in 20% of cases. Risk after contraction :Severe but exposure risk low, only 29 cases in North America between 2001-2003 in kids under 16.</p> <p>Vaccine risk: This vaccine has a very low individual reaction risk</p>
BCG	TB	<p>Incidence: worldwide epidemic - 2nd leading cause of death worldwide with 8million deaths per year, of these 2 million children, new drug resistant strains. North American incidence very low, and new immigrants from infected countries.</p> <p>North American stats prior to vaccination: 126/100,000 to 5.2/100,000 and 1.6/100,000 kids under age 5</p> <p>Canada: only "at risk" populations vaccinated</p> <p>Vaccine risk: low</p>
IPV Polio***	Polio	<p>Incidence: Last Canadian case 1994, viral polio</p> <p>Vaccination began mid-1950s and incidence actually doubled over subsequent 5 years before declining. Much discussion about validity of vaccine. Numbers declined equally in unvaccinated countries.</p> <p>Vaccine risks: vomiting, headache, dizziness, fever, neurological, pain, irritability</p> <p>Exposure risk: minimal</p> <p>Vaccine risk: low</p>
RTV	Rotavirus gastroenteritis	<p>Illness: Severe gastroenteritis, most common cause of severe diarrhoea in babies in developed countries; 3 million cases in the USA per year, with 55,000 hospitalizations</p> <p>Highest risk: 6 – 23 million</p> <p>Risk - Seems quite high but we do not vaccinate for this in NA</p> <p>Merck has a 2-shot vaccine ready for late in first year of life</p>
VACCINE	DISEASE	GENERAL INFORMATION & RISK

PROFILE		
RTV (continued)	Rotavirus gastroenteritis	Side effects: fever in 21% of babies, vomiting 6.7%, diarrhoea 11% - so side effects are very common Severe vaccine reaction: allergic reaction, high fever, seizure
DTaP Pertussis*** Tetanus	Diphtheria	Universally given in every country I checked - Smith Kline Glaxo Diphtheria: No cases in North America since 2003 but still rampant in other countries. Disease is dangerous and difficult to treat in small children once contracted. Exposure risk: minimal 10% death rate, higher in kids
	Pertussis	Pertussis info: Vaccine decreased incidence by 50% beginning in the 1940s. Still over 25,000 annual cases in the USA. Risk still high, especially urban settings and day care. High penetration rate: 70% of people exposed for 4 hours will develop the disease and 30% still die even with modern intervention. Risk is most severe in infants 2-12 months. Symptoms: severe barking cough to cyanosis, vomiting, choking, weakness, death Risk: high. Vaccine risk: low (especially if given after 2 months or weighted dose)
	Tetanus	35-50 cases per year in Canada. Bacterial infection - Clostridium tetani - anaerobic bacterium 5 pediatric cases per year with 95% survival rate. Exposure risk: minimal in infants Treatment after exposure: highly successful with short elapsed time Risk: low Vaccine risk: low
MenC***	Meningitis C	Disease: bacterial Symptoms: fever, vomiting, severe headache, stiff neck, very sleepy, vacant, delirious seizures, rash Vaccine: Sanofi Pasteur, beginning 1990s. Vaccine risks: medium Adverse effects: soreness at site, redness, fever, drowsiness, crankiness, headache. Risk of anaphylaxis at administration visit. Babies must wait 30 minutes after shot before leaving.
PCV	Pneumonia	Bacterial pneumonia : 4 shots from 2-15 months in North America Risks: allergic reaction, seizure, clotting issues, immune reactions

TOXIC LOAD

TOXIN	VACCINE SOURCE	FOOD SOURCE	ENVIRONMENTAL	PATHOLOGIES
mercury NA mean <1ug/L	Hib, influenza, MMR	fish, omega 3 vitamins potatoes (fungicide) Canadian fish - dammed rivers	fluorescent lighting coal burning power plant waste burning paint <1995 pulp and paper mfg pesticides, fertilizers dental amalgams	cognitive deficit impaired motor skills trembling, irritability speech impediment – lisping LDs
formaldehyde	any live vaccine DTaP, MMR, polio	preservatives Processing gelling agent naturally occurring also	anti-wrinkle fabric mattresses, esp. foam flame retardant	cancers, esp. soft tissue
bromine	veterinary only	water - does not break	brominated fire retardant	cancer
fluorine	anticonvulsant meds	down		kidney damage
chlorine (POPs)		Fl - water supplies	dust inhalation risk dental treatments sofas, rugs, plastics	7-year half-life in kids intellectual impairment thyroid hormone
antibiotics	any live vaccine	Non-organic meat and dairy processed foods	water supply	xeno-estrogenic effects immune dysfunction T ₁ , T ₂ balance drug resistance
aluminum	DTaP, HepB, influenza pneumonia as adjuvant	baked goods, baking powder, salted snacks, pickles, donuts, waffles	water supply, cookware, storage ware, personal care products	neuro-toxicity neuro-excitability sleep disorders displacement***Mg,Ca
albumin beef and animal protein	most childhood vaccines	egg white, beef, dairy		development of allergy to these proteins due to conjunction with adjuvant vaccines