

For pupils and parents/quardians

## Vaccination against diphtheria, tetanus, pertussis (whooping cough) and polio (DTP-IPV-vaccine)

The Norwegian Childhood Immunisation Programme offers pupils in 2nd grade (7–8 years of age) a booster dose of the vaccine against diphtheria, tetanus, pertussis and polio. In the Childhood Immunisation Programme, three doses of the vaccine are given before the child is one year old. A booster dose is now being offered to maintain this good protection. The pupils will be offered a new booster dose against the same diseases in the 10th class.

## **About the diseases**

**Diphteria** is an acute infection in the upper airways that is caused by diphtheria bacteria. The bacteria produce toxins that cause the mucous membranes in the throat to swell so much that it becomes difficult to breath. The toxins can also attack the heart, kidneys and nerve tissues. The disease can be fatal. The bacteria are found in parts of Europe and other areas of the world.

**Tetanus** is caused by a bacteria present in soil. The bacteria produce toxins that attack the nervous system causing muscle stiffness and painful cramps. Infection can occur when the bacteria enter open wounds and it is not contagious. The disease has a high death rate.. Tetanus is less common in Scandinavia than in warmer countries.

**Whooping cough (pertussis)** is an infection in the airways with persistent, intense bouts of coughing that last 6–12 weeks. In babies and infants, whooping cough can cause the child to stop breathing. It can cause inflammation of the brain (encephalitis) with subsequent brain damage and, in rare cases, death. In older children and adults, the disease can cause chronic problems. The disease is highly contagious - almost everyone was infected before the vaccination programme began.

**Poliomyelitis** eis caused by a virus and normally gives cold symptoms, pain in the body or diarrhoea. It can cause inflammation of the brain (encephalitis) and can result in permanent paralysis. Deaths occur. Today, polio is eradicated in Norway but unvaccinated people can be infected when travelling abroad and infect others upon their return.

## About the vaccine

The vaccine used is called Tetravac. In case of delivery problems on Tetravac, it is the identical vaccine Tetraxim used (same manufacturer, same ingredients). It can cause temporary redness, tenderness and swelling at the injection site. Some people may develop a mild fever. You can find more information about any side effects after vaccination with Tetravac/Tetraxim at the Norwegian Medicines Agency www.legemiddelsok.no (only in Norwegian).

## Remember to tell the nurse

Tell the nurse if your child has any allergies or other health problems. You should also tell them if your child has been vaccinated against tetanus during the last year outside the national immunisation programme. It will not harm your child to have the vaccination even if he or she has had one or more of the diseases.

For more information go to https://www.fhi.no/en/id/vaccines/childhood-immunisation-programme/

Nurse:	Nurse:			Telephone number:		
ff here						
Pupil's n	ame:			ate of birth	:	Class:
I/We wou	uld like my/our child		•		•	g cough and polio
		not to be va	ccinated aga	ainst dipntr	ieria, tetanus, wno	oping cough and polic
Parent/g	uardian with parental r		Mother	Father	Other person	oping cough and polic
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