

# Kabozantinib-Nivolumab

for Urological cancer

## Patient information

### Regimen schedule

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
Nivolumab	X																				
Kabozantinib	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

### Next course of treatment, day 29

Day	22	23	24	25	26	27	28
Nivolumab							
Kabozantinib	X	X	X	X	X	X	X

## About your treatment

Kabozantinib slows the growth of cancer cells by blocking proteins that regulate these functions. You take the tablets once a day without interruption.

Nivolumab is an antibody that activates your immune system to attack cancer cells. Each course of treatment is 28 days. You get an IV on day 1. After that, there is a break of 27 days, before a new course starts.

During treatment, your blood tests and any side effects will be monitored.

## How to take the medicines

Swallow the tablets whole with water. Allow at least 2 hours after a meal before taking the tablets, and do not eat anything for at least 1 hour after taking the capsules. If you miss a dose, take it only if there are at least 12 hours left until your next dose.

You should not eat or drink grapefruit, grapefruit juice or preparations containing St. John's wort, as this may affect the effect of kabozantinib.

See also information in the package leaflet.

## Side effects - symptoms and tips

The side effects we list here are the most common and important. They can vary greatly from person to person, and even from time to time. The side effects may require a break in treatment. Tell your doctor or nurse if you have any side effects. Often the symptoms can be prevented or alleviated.

**Side effects may come late, several months after treatment has ended. Contact your doctor anyway!**

### Fatigue

Fatigue is common. You may feel low in energy and never rested. Your memory may deteriorate, and you may find it harder to concentrate and solve problems. It can make you feel down, stressed and anxious. You may also find it difficult to socialise. Fatigue may persist for a long time after treatment.

**Tips:** Try to exercise and move around. It's the only thing known to help with fatigue.

## **Problems with stomach and intestines**

Diarrhoea and nausea are common, but you may also become constipated.

You can also get inflammation of the intestines (colitis). It can cause severe diarrhoea, stomach pain, blood in your stools or dark and smelly stools.

## **Nausea and taste changes**

There is a risk that the treatment will make you feel unwell. If necessary, you will be given anti-nausea medication.

**Tips:** Sometimes it feels better to eat lighter food and small portions. For example, try skim milk, yoghurt, omelettes, sandwiches and hot or cold soups. Drinking a little extra between meals can reduce nausea.

## **Hypertension**

High blood pressure is common. Your blood pressure will be monitored during treatment, and you may need medication.

## **Dry cough and difficulty breathing**

New symptoms of dry cough, shortness of breath and difficulty breathing may be due to a special inflammation of the lungs and airways (pneumonitis).

## **Pain in muscles and joints**

Pain in muscles and joints is common. Swelling around the ankles is also common.

## **Infection susceptibility**

You will be susceptible to infection after treatment. This is because the level of white blood cells drops. Before each treatment, blood samples are taken to see if the blood cells have recovered. If the values are too low, the treatment must be postponed.

**Tips:** Try to avoid close contact with people who have a cold or stomach illness, for example. Wash your hands often with soap and water. Hand sanitizer can be useful.

## **Problems with mucous membranes in the mouth**

The mucous membranes of the mouth may be affected by your treatment. You may experience swelling and sores in your mouth and around your lips.

**Tip:** Be attentive to oral hygiene, and use a soft toothbrush and mild toothpaste. Be careful with floss and toothpicks. Inform your dentist of your cancer treatment when you visit.

## **Numbness and tingling - sensory disturbances**

You may experience numbness and tingling in your hands and feet, and your fine motor skills may be impaired. For example, you may find it difficult to press buttons or walk. Symptoms usually go away, but not completely in everyone. Tell your doctor or nurse if you have numbness or tingling in your hands and feet.

## **Problems with skin, hair and nails**

Skin often becomes dry and more sensitive to the sun. You may also lose hair or your hair may change texture. Nails can become brittle.

**Tip:** When washing your skin, be gentle and use mild soap. Lubricate often with moisturiser. Wear covering clothing to protect against the sun, and sunscreen on parts of your body that you can't cover. Wear gloves for work that is dirty or abrasive for your hands. If your nails are bothering you, you can use nail polish and brush your cuticles with oil or apply a moisturiser.

## Eye problems

You may get red eyes with stinging and pain. You may also experience blurred vision, dry eyes and become more sensitive to light.

**Tip:** If your eyes sting and feel dry, use lubricating eye drops available from pharmacies.

## Problems with hands and feet

You may sometimes experience redness, dry flaky skin and swelling on the soles of your hands and feet. It usually starts as soreness, tingling and numbness, which can develop into blisters, cracks and sores. Contact your doctor immediately if you experience these symptoms.

**Tip:** Avoid exposing hands and feet to high heat, such as showering or washing dishes with very hot water. To relieve the discomfort, you can use cold items, such as a freezing pack wrapped in a towel. Also avoid exposing your hands and feet to vibration or abrasion, such as when using a drill for hours or running for miles.

## Bleeding

You may have an increased risk of bleeding. For example, you may bleed easily from your nose or mouth. If you get a cut on your skin, you may bleed longer than usual. Surgical wounds may heal more slowly.

**Tips:** Be careful not to cut yourself. You can stop nosebleeds by squeezing the soft parts of your nose for 10 minutes. If this doesn't stop it, contact your doctor. Be attentive to oral hygiene, and use a soft toothbrush and mild toothpaste. Be careful with floss and toothpicks. Inform your dentist or other health care provider of your cancer treatment when you visit.

## Hormone changes

You may experience headaches, fatigue, depression, hot flashes, heart palpitations, decreased sexual desire and behavioural changes. You may also experience visual disturbances, such as blurred vision and double vision, and pain behind the eyes. Symptoms may be due to inflammation of the thyroid, adrenal or pituitary glands.

## Contact your clinic immediately at:

### Acute

- Call 112 in case of persistent acute chest pain, pressure on the chest or difficulty breathing/shortness of breath

### Contact your reception immediately at:

- Fever (temp above 38 degrees) or at a temperature below 36 degrees
- Sudden deterioration regardless of symptoms
- Increased number of stools/diarrhea with or without stomach pain, bloody or black stools
- Severe nausea or burning in the mouth that makes it difficult for you to eat and drink
- New onset dry cough and shortness of breath
- New skin rashes over large parts of the body
- Severe itching, blisters, oozing sores and peeling skin.
- Painful skin redness/rash/nail changes
- If you or your relatives feel that you are changed, confused or that consciousness is affected.
- Headache, unusual tiredness, pain behind the eyes, depression and vision
- Dark foamy urine or very cloudy urine.
- Severe muscle or joint pain or an effect on strength or feeling in the arms and legs
- Yellow skin color

## Common advice

It is important not to get pregnant or make someone pregnant while you are being treated with cancer drugs, as the drugs can affect the foetus. Therefore, use safe contraceptives. Sometimes double protection is needed, as side effects such as diarrhoea or the direct effect of cancer drugs may mean that the contraceptive pill is not enough protection on its own.

## General information about cancer

Useful information about cancer is available from both 1177 Vårdguiden and Cancerfonden:

[www.1177.se](http://www.1177.se)

[www.cancerfonden.se](http://www.cancerfonden.se)

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