Highly bioavailable

Vitamin D3+K2 Spray

POLARISDX

Vitamin D3+K2

Sublingual Spray

1.000 IU
25µg Vitamin D3
15µg Vitamin K2

Double bioavailability

Precision in every application

10ml
approx. 71 servings

POLARISDX

Vitamin D3+K2
Sublingual spray

Double bioavailability
Precision in every application

Food supplement as sublingual spray

Ingredients (per spray):

Vitamin D3 25µg (1,000IU)

Vitamin K2 15µg

✓ **Up to 80% absorption of active ingredients**

✓ **Perfect dosage with rapid absorption**

✓ **Clinically proven effect**

✓ **Vegan, vegetarian, GMO-free and gluten-free**

Optimal patient preparation for successful implants

Vitamin D & implantology – the facts:

» Vitamin D is essential for calcium metabolism and bone mineralisation – the basis for osseointegration

» Studies show that patients with low vitamin D levels have an increased risk of implant loss

» Approximately 60% of the population in the western world has a vitamin D deficiency

» Vitamin K2 supports the storage of calcium in the bones

It is strongly recommended to test vitamin D levels before implant surgery!

A Polaris vitamin D rapid test for dental practices is available!

What does my vitamin D3 level mean?

Optimal:	40-60ng/ml (100-150nmol/l)
Insufficiency:	20-40ng/ml (50-100nmol/l)
Deficiency:	<20ng/ml (<50nmol/l)

How do I dose my Polaris DX spray before treatment?

A normal dosage for maintaining vitamin D levels is 1-2 sprays daily. However, implant surgery requires special measures:

PREOPERATIVE (approx. 10 days before implantation):

1 spray 4 times daily = approx. 4,000 IU per day

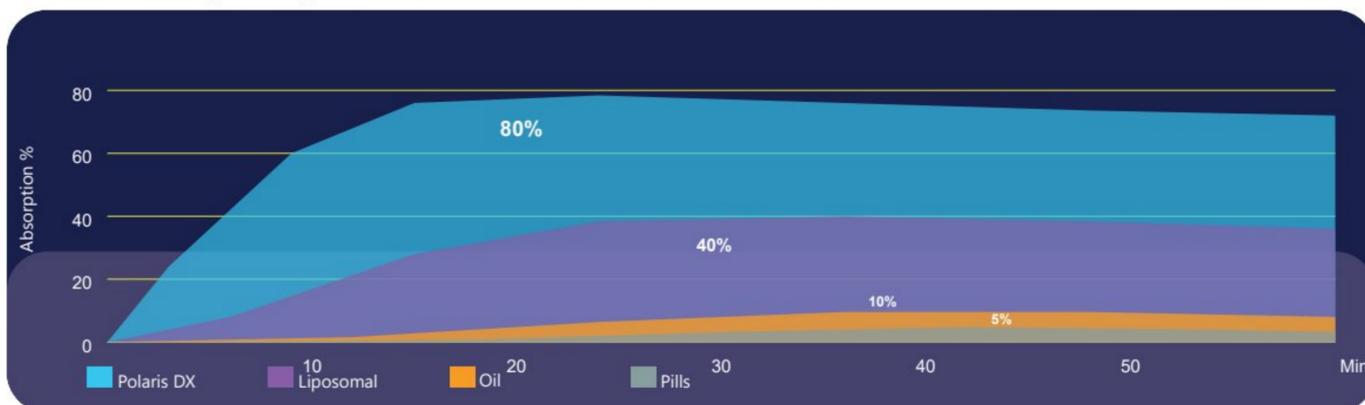**POSTOPERATIVE** (for 4-8 weeks):

1 spray twice daily = approx. 2,000 IU per day

What exactly is vitamin D?

Vitamin D3 is part of a group of fat-soluble hormones and is converted into its active form in the skin under the influence of the sun (UV rays). It is also found in a number of animal-based foods, but not in sufficient quantities.

Vitamin D plays a central role in a variety of processes in the human body. These include the stability of bones and teeth, muscle function and recovery, the immune system, mood, performance, protein formation and gene control..

Bioavailability comparison

So what actually ends up in the body?

20,000IE pill x 5%
= only 1,000IU

1 spray Polaris DX x 80%
= 800IU

Product description & chemical-physical properties

Production standard	Food quality
Viscosity	<1000 mPas
Colour	Orange to reddish
Odour	Orange
Miscibility	Miscible with water
Droplet size	min. 20 nm, max. 200 nm
Density	1.07 g/ml

Ingredients

Water, humectant (glycerine), sunflower oil, emulsifier (lecithin (soya)), vitamin D3, flavouring (orange peel oil), vitamin K2, antioxidant (vitamin E)

Ingredients & Composition

Konzentration der Wirkstoffe	mg/ml
Vitamin D3	0.2
Vitamin K2	0.1

	Information per spray			Recommended intake		
	Ingredient content	NRV[1]	IU[2]	Ingredient content	NRV[1]	IU[2]
Vitamin D3	25µg	500%	1,000	25-50µg	500-1,000%	1,000-2,000
Vitamin K2	15µg	20%	-	15-30µg	20-40%	-

Applications: approx. 71 sprays / spray size: 0.12 ml
[1]Reference amounts for the average adult according to VO (EU) 1169/2011 (%)
[2]International units

Recommended intake

1-2 sprays (1,000-2,000 IU vitamin D3) daily.

Application note

Allow PolarisDX sublingual spray to take effect under the tongue for approx. 1 minute. This allows the ingredients embedded in the microscopic droplets to be absorbed by the body in maximum quantities and in the shortest possible time via the oral mucosa. As absorption does not take place in the gastrointestinal tract, the product can be used independently of meals. Shake before use.

Notes

Food supplements should not be used as a substitute for a balanced, varied diet and a healthy lifestyle. Do not exceed the recommended daily intake. Not suitable for pregnant women and children. Keep out of reach of children. Store in a cool, dry place away from light and heat.

Storage

Recommended storage: Sealed, dry, protected from light and cool at 5-25°C.

Shelf life

Can be stored for 24 months in the unopened original container from the date of manufacture. Due to the use of natural ingredients, colour changes may occur. These do not affect the quality of the product.

Distribution & Sales

POLARISDX

Polaris Diagnostics Europe • Große Bleichen 1-3 • 20354 Hamburg • Germany
hello@polarisdx.net • www.polarisdx.net