

Viscosan®

Mistletoe Therapy



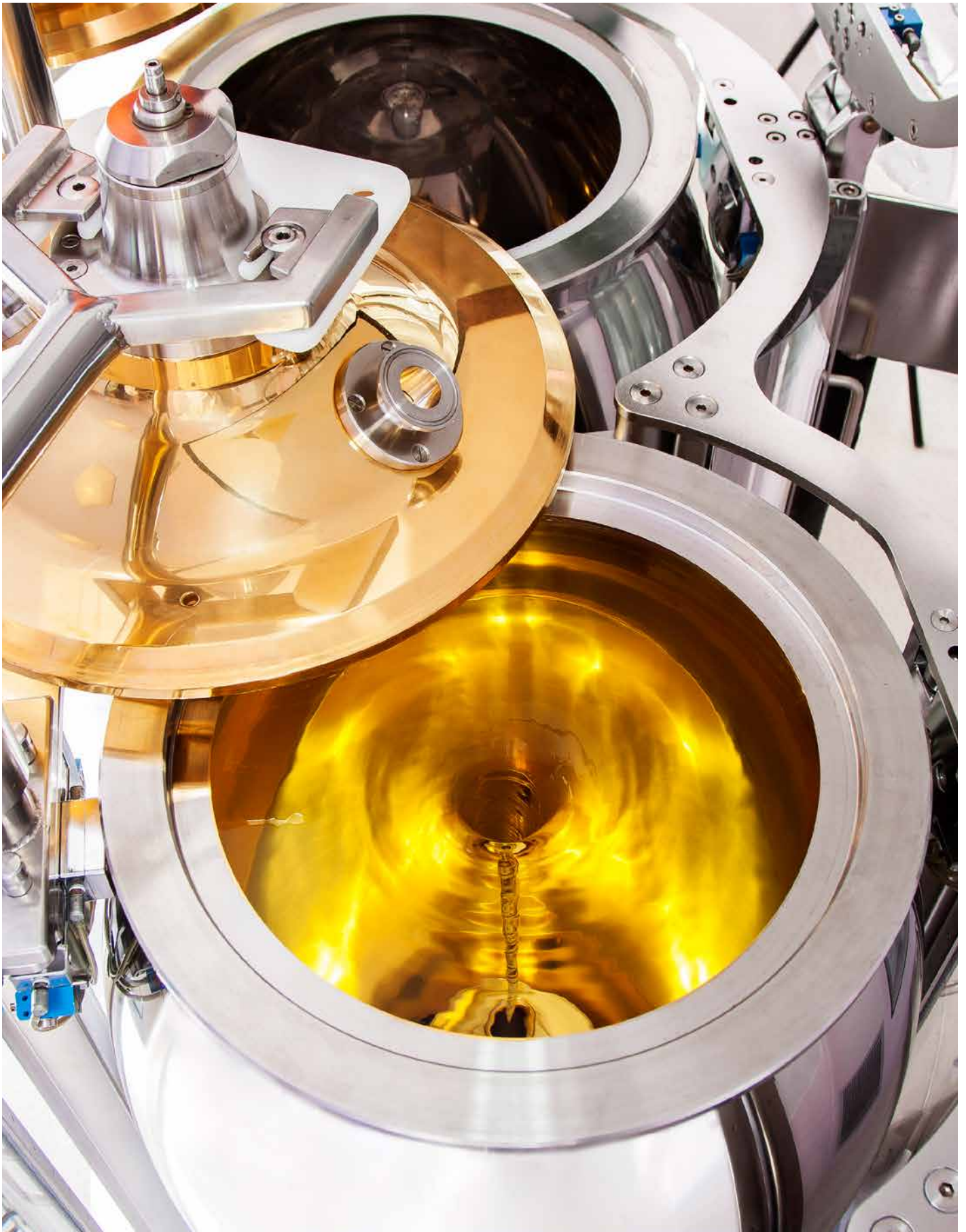
How to switch to **Viscosan®** Mistletoe Therapy

Recommendation for Therapeutic Use

Please note:

In Canada, Viscosan® (Helixor® in Germany) is registered as a drinkable homeopathic ampoule. The information described herein describes the approved use of Helixor®/Viscosan® in other jurisdictions; it is not registered or approved for such use in Canada or the United States. The contents are for informational use only. It is up to the individual practitioner to decide how best to use Viscosan® for their patients.

 **Helixor**
Bringing life to life.



Impression of the manufacturing process of Viscosan® mistletoe products

Manufacturing Differences and Implications between Iscador® and Viscosan®

Manufacturing differences and implications*

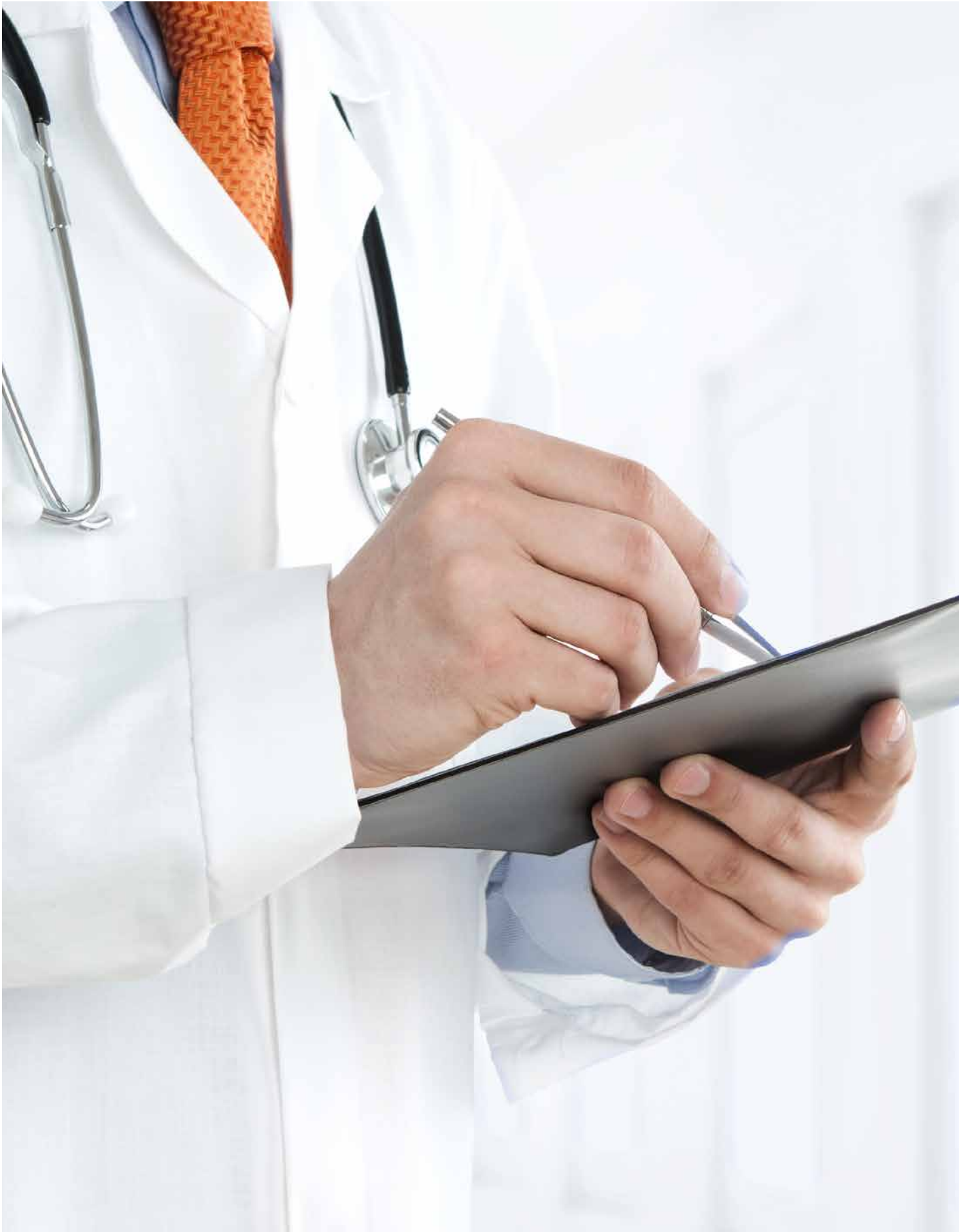
	Iscador®	Viscosan®
Harvest	2 times a year	4 times a year
Harvested plant parts	1 - 2 terminal internodes	2 ½ terminal internodes
Extraction agent	Water for injection	Water for injection with 0.09 % sodium chloride
Extraction method	Aqueous extraction with lactic acid fermentation (DER 1 : 5)	Gentle aqueous extraction by flow procedure (DER 1 : 20) without buffer and fermentation
Mixing procedure of summer and winter extracts	Rotating titanium disk (10,000 rounds/min)	Special vortexing procedure in an egg-shaped vessel
Summer/winter extract ratio	1 : 1	1 : 3
Standardization	Standardized manufacturing process plus constant ML (Iscador® special) or viscotoxin levels (normal Iscador®)	Standardized manufacturing process plus constant biological activity (Molt4-bioassay)

Viscosan®

Contains mainly polysaccharides and mistletoe lectin (ML) III whereas viscotoxins are present only in very low amounts. **Result: Very good tolerability.**

Iscador®

Contains mainly viscotoxins and fewer mistletoe lectins, as well as bacterial metabolites due to the fermentation process and extraction method. Result: Less tolerability and possible induction of fever.



When and How to Switch

When and how to switch

a. When intolerance of Iscador® products:

Switch to Viscosan® A, reducing the dose by 2 levels.

If the dose of Iscador® is the following, start with this dose of Viscosan® A:

Iscador® 0.1 mg	▶	Viscosan® A 0.01 mg
Iscador® 1 mg	▶	Viscosan® A 0.1 mg
Iscador® 10 or 20 mg	▶	Viscosan® A SE I (1 mg – 5 mg – 10 mg)

After these initial doses follow the therapy as mentioned in the standard treatment schedule (see next page).

b. When limited efficacy of Iscador® 20 mg (e.g. after long treatment):

Switch to Viscosan® M or P, choice of product type depends on the type of tumour (see “Choice of Viscosan® type”).

Iscador® 20 mg	▶	Viscosan® SE IV (20 mg – 30 mg – 50 mg)
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If required, further dose increase up to 100 mg – 150 mg – 200 mg.
Maximum tolerated dose: 400 mg/day

c. Switching from Iscador® to Viscosan® mistletoe therapy:

Choice of product type depends on the type of tumour (see “Choice of Viscosan® type”).

Due to times of harvesting the mistletoe plants and the different manufacturing processes, please note, that the strengths and concentrations declared by the manufacturers are **not equivalent**.

Iscador® series 0	▶	Viscosan® SE I
Iscador® series I	▶	Viscosan® SE I
Iscador® series II	▶	Viscosan® SE I and II
Iscador® M or Qu 5 mg special	▶	Viscosan® SE IV

Please note

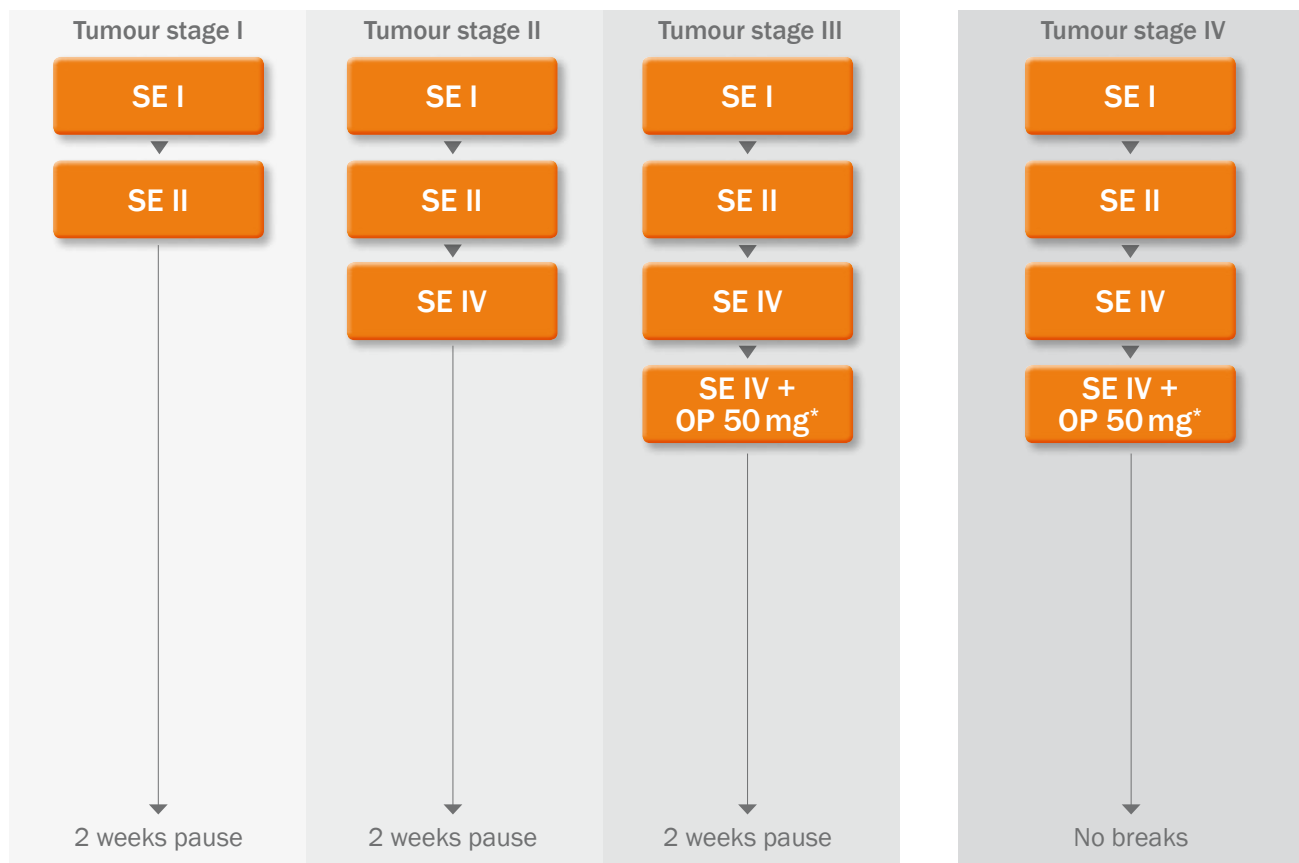
Viscosan® 0.01 mg is not available in Canada, you may take 0.1 ml out of 1 ampoule Viscosan® 0.1 mg and dilute it with physiological saline solution 0.9 % to 1 ml. **Please note that mistletoe products of 0.01 mg are held in stock at the headquarters of Helixor in Germany. Please contact the medical advisory service to learn how to get this product.**

Viscosan® Treatment Schedule with Rapid Dose Increase

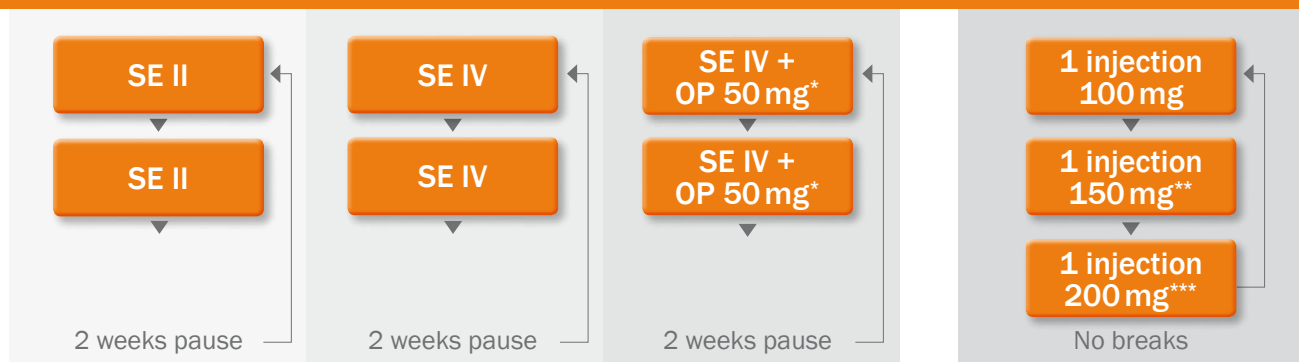
Induction therapy (rapid dose increase)

Adjuvant therapy

Palliative tumour therapy



Maintenance therapy (dose repetition)



No pauses during chemotherapy and/or radiotherapy!



* 7 injections: 1st and 2nd injection: 1 ampoule 20 mg + 1 ampoule 50 mg = 70 mg; 3rd and 4th injection: 1 ampoule 30 mg + 1 ampoule 50 mg = 80 mg; 5th, 6th and 7th injection: 1 ampoule 50 mg + 1 ampoule 50 mg = 100 mg, ** 1 injection: 1 ampoule 100 mg + 1 ampoule 50 mg = 150 mg, *** 1 injection: 2 ampoules 100 mg = 200 mg

Viscosan® Treatment Schedule with Slow Dose Increase

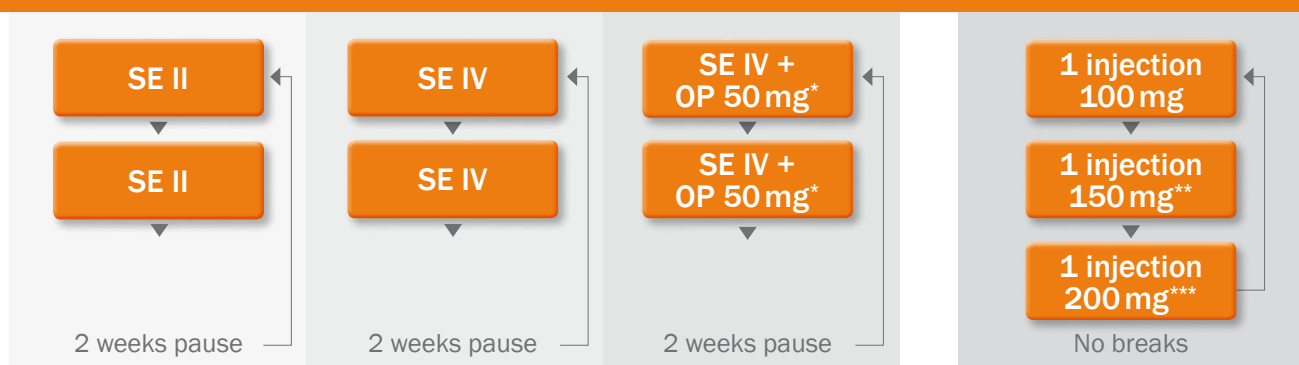
Induction therapy (slow dose increase, e.g. during chemotherapy)

Adjuvant therapy

Palliative tumour therapy



Maintenance therapy (dose repetition)



⚠ No pauses during chemotherapy and/or radiotherapy! ⚠

* 7 injections: 1st and 2nd injection: 1 ampoule 20 mg + 1 ampoule 50 mg = 70 mg; 3rd and 4th injection: 1 ampoule 30 mg + 1 ampoule 50 mg = 80 mg; 5th, 6th and 7th injection: 1 ampoule 50 mg + 1 ampoule 50 mg = 100 mg, ** 1 injection: 1 ampoule 100 mg + 1 ampoule 50 mg = 150 mg, *** 1 injection: 2 ampoules 100 mg = 200 mg

Choice of Viscosan® Type

Viscosan® – selecting and changing types

Question 1 – Patient details

Is at least one of the following situations present:
sensitive patient, allergy, planned or ongoing chemotherapy
or radiotherapy or reduced general condition?

Yes



No

Continue with
question 2

Question 2 – Type of tumour

Which type of tumour is present (see “Viscosan® – type recommendation”)?

- Head and neck cancer
- Lung cancer
- Prostate cancer

- Breast cancer (obese/postmenopausal)
- Bladder cancer
- Gynecological or gastrointestinal cancer

- Breast cancer (slim/premenopausal)
- Sarcoma
- Skin cancer
- Kidney cancer
- Testicular cancer



Question 3 – Change of type

Is chemotherapy or radiotherapy completed,
is the patient’s reaction insufficient, or are there repeated excessive local reactions?
Please check if a change of type is needed.*









* Continuing disposition to excessive local reactions ► switch to Viscosan® A.

Insufficient patient reaction or suspicion of decreasing efficacy during long-term therapy: Viscosan® A ► Viscosan® M ► Viscosan® P.

Completion of chemotherapy/radiotherapy: ► switch to Viscosan® M or P, if none of the recommendations for Viscosan® A applies and a stronger immune stimulation is desired. For further information please contact our medical advisory service.

Viscosan® Type Recommendation for the Most Common Types of Tumours

Viscosan® – type recommendation

	Type of tumour	Viscosan® type	Iscador®
	Head/Neck region	Viscosan® A	Iscador® P
	Respiratory tract	Viscosan® A	Iscador® P Iscador® Qu
	Breast cancer slim/premenopausal	Viscosan® P	Iscador® M
	Breast cancer obese/postmenopausal	Viscosan® M	Iscador® P
	Digestive tract In esophageal cancer we recommend Viscosan® A.	Viscosan® M	Iscador® Qu
	Urogenital tract In prostate cancer we recommend Viscosan® A, in penile cancer, renal cell carcinoma and testicular cancer we recommend Viscosan® P.	Viscosan® M	Iscador® P Iscador® Qu
	Skin	Viscosan® P	Iscador® P
	Sarcoma	Viscosan® P	Iscador® P

* In any case, please note in which cases Viscosan® A should be preferred, irrespective of the type of tumour (e.g. in case of chemotherapy or radiotherapy). See also question 1 on the opposite page.

Composition of the Viscosan® Packs



How to Order and Find More Information about Viscosan®

How to order Viscosan® from Canada

Open your account with Robbin Coedy:

Telephone: 1-877-734-1686 (toll free)

Fax: 1-877-321-9867

E-mail: orders@helixor.ca

How to order Viscosan® from the United States

You may use our online ordering form:

www.helixor.com ▶ Contact ▶ Helixor worldwide ▶ North America

Pharmacy contact for ordering directly (shipment to patients only)

Telephone: 1-866-502-6789

Fax: 1-416-242-7451

E-mail: contact@natures-source.com

More information about mistletoe therapy

For more information about mistletoe therapy, please visit our website
and take our free e-learning module at:

www.helixor.com ▶ Healthcare professionals ▶ Helixor e-learning

Medical advisory service

For a customized therapy recommendation for your patients please fill out our
online anamnestic form at:

helixor.com ▶ Healthcare professionals ▶ Medical advisory service

Contact data of the medical advisory service

Telephone: 1-877-734-1686 (toll free)

Fax: 1-877-321-9867

E-mail: advice@helixor.ca

Viscosan®

Mistletoe Therapy



Integrative Oncology with Viscosan®

Treating Tumour Patients Integratively

In integrative oncology, Helixor's holistic mistletoe therapy provides a key opportunity to support the quality of life of your patients in all phases of tumour disease.

It stimulates self-healing and reduces adverse reactions of conventional oncological therapies. Its efficacy has been shown in various reviews and studies.

Please visit us online:
www.helixor.com

 **Helixor**
Bringing life to life.

Medical
advisory service

Toll free phone:
1-877-734-1686

E-Mail:
advice@helixor.ca

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Viscosan® A/-M/-P. Oral liquid. 8 or 50 sterile ampoules. Homeopathic remedy. Non-medicinal ingredients: Sterile water, sodium chloride, sodium hydroxide. **Dosage:** Adults and children 12 years and over: One ampoule each day or as directed by health care practitioner. **Duration of use:** Consult a health care practitioner if symptoms persist or worsen. **Cautions:** Do not drink directly from vial due to the sharp glass edges. Consult a health care practitioner before using if pregnant or breastfeeding. Store away from children. **Storage conditions:** Under normal storage conditions. Avoid direct light (store the ampoules in the original package).
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