

Step 1:

The dermato-oncologist or skin cancer specialist marks the area needed to treat with the **Rhenium-SCT®** using a dermatological pen.



Area: Size of the lesion plus a security margin of up to 5 mm.

Step 2:

The area needed to treat is first covered with a special protective foil. The **Rhenium-188-Compound** is then applied on top of the special foil, over the marked area of treatment with the **Rhenium-SCT®** Applicator. The foil and compound are to stay in place until the end of the procedure.



Treatment time: aprox. 45 – 180 min (depending on position, size and depth of lesion)

Step 3:

The treatment takes approximately 45 to 180 minutes after the compound has been applied on the area needed to treat. The patient sits or lays comfortably while the **Rhenium-188-Compound** works on the lesion. The protective foil and the dry **Rhenium-188-Compound** are removed after the designated treatment time.



In most cases, only a single session is required. Wound healing takes aprox. 30 to 180 days.

Step 4:

After Care: In general, there is no special aftercare needed. The dead tumour cells are gradually disposed of by the body and replaced with new healthy cells.

Rhenium-SCT®



single-session



painless



aesthetic

Do you have any questions?

The next **Rhenium-SCT®** treatment center in your area:



Or contact us directly at:

OncoBeta® GmbH
Lichtenbergstraße 8
85748 Garching bei München
GERMANY
Tel: +49 (89) 5484224-0
Fax: +49 (89) 5484224-9
info@oncobeta.com
www.oncobeta.com



Rhenium-SCT®

single-treatment – painless – aesthetic

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Basic Information for Patients

Treatment of non-melanoma skin cancer with **Rhenium-SCT®**



single-session



painless



aesthetic

Have you been diagnosed with non-melanoma skin Cancer?

If the answer is yes, the good news is: these types of skin cancers can be treated very well if they are detected early. Please speak to your physician or health care provider for further information regarding your particular disease, its origin and the different therapy options.

Do not let any questions go unanswered. If you still have questions, be sure to reach out to your health care provider directly.

You have received this brochure, because your physician or health care provider wanted you to have additional information regarding

the **Rhenium-SCT®** (SCT = Skin Cancer Therapy).

The purpose of this brochure is to briefly provide you with further information about the **Rhenium-SCT®**.

We also, offer an online patient information service in addition to this brochure. You can find it at: www.nonmelanomaskincancer.info

We wish you a quick recovery!

Your,
OncoBeta® Patient-Service-Team

Bringing back the quality of life to skin cancer patients



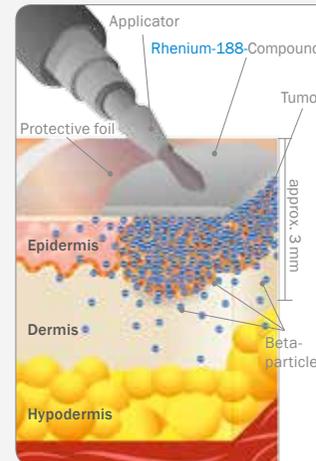
What is Rhenium-188?

Rhenium-188 is an isotope that decays continuously while emitting beta-radiation.

The penetration range of its beta-radiation is very shallow in human tissue up to 3mm in depth. This makes **Rhenium-188** ideal for targeted treatment of superficial skin cancer types, like most non-melanoma skin cancers.

The main objective of the **Rhenium-SCT®** is to be a painless, personalised, non-invasive therapy targeting and destroying cancer cells in the area needed to treat.

The medical working principle of the **Rhenium-SCT®** or epidermal radioisotope therapy is based on the local direct cell-killing effect of the beta-radiation, which triggers both the local death of cells and local reactions of the immune system of the body to repair itself.



Transversal cut of the skin



Before After

How does the Rhenium-SCT® work?

Rhenium-188 is bound to a fluid matrix or “compound” in order to enable an application precisely over the tumor.

The **Rhenium-188-Compound** is filled in so called carpoules which include a specially designed brush for precise application.

The Carpoules are loaded into the special **Rhenium-SCT®** applicator for safe handling and efficient usage.

The lesion or the area needed to treat is first covered with a special protective foil.

During the **Rhenium-SCT®**, the physician is able to apply the exact needed amount of the **Rhenium-188-Compound** accurately and efficiently utilizing the specifically developed mechanical control. This way the compound is applied homogeneously and precisely over the tumour or area needed to treat.



Carpoules filled with **Rhenium-188-Compound**



Applicator loaded with a Carpoule



Application of **Rhenium-188-Compound** with the Applicator