



Cancer treatments have come a long way in recent years. Besides surgery, radiotherapy and chemotherapy, new treatments have appeared, offering more targeted actions on the multiplication of cancer cells, on the vascularization of tumors and on immunity in order to stimulate it. These therapeutic innovations have a positive impact on the prognosis of the disease. However the undesirable effects, which they generate, remain major.

When your therapeutic protocol has been presented to you, these undesirables effects have probably been mentioned. Skin and hair are very often involved and remain a concern during and after

the treatment. And that's because the Eau Thermale Avène brand takes care of the most sensitive skin and the Ducray brand has expertise in hair dermatology, which we wanted to support you in this particular period.

In this brochure, you will find tips and products that will help to soothe your skin, an accompaniment in the process of hair loss and regrowth as well as a solution to relief your weakened scalp during and after the disease. Keep in mind that reducing and relieving these undesirable skin and hair effects is possible. Staying beautiful during illness is possible. With always the promise of a better quality of life.

The Eau Thermale Avène and Ducray team

SOOTHE YOUR SKIN, AN ESSENTIAL ROUTINE...

After a surgical procedure, chemotherapy or radiotherapy, your body, and especially your skin, needs to be soothed to restore comfort and a sense of well-being.

Avène Thermal Spring Water, an active and powerful water that is soothing by nature.



AVÈNE THERMAL SPRING WATER SPRAY

Benefit from the soothing, anti-irritant properties of Avène Thermal Spring Water day after day, thanks to the spray format. Your trusted ally for skin made sensitive through treatments

IF YOU HAVE SKIN IRRITATIONS

Spray directly onto the irritated areas, leave for 2 to 3 minutes then dry by dabbing gently before applying the skin care product

Reduced skin sensitivity*

IN MORE SEVERE CASES**

Apply compresses soaked in Avène Thermal Spring Water for **10 to 15 minutes** on the areas to be soothed after minutes

IF YOU SUFFER FROM IRRITATIONS OF THE ORAL MUCOSA

Spray onto the affected area as often as required

in the 1st week

* Dermatological study carried out on 6,368 subjects with sensitive skin. Simple, non-pathological sensitive skin with inflammatory dermatosis or following a superficial dermatological procedure. Evaluation over 7 days, with an application twice/day. Application of spray alone or in combination with drug-based treatments and/or other cosmetic products.



^{**} Dryness or irritations resulting from radiotherapy, redness, skin rashes, itchiness due to dry skin.

DAILY SKIN CARE ROUTINE?

While you are undergoing cancer treatment, your skin is particularly sensitive. You need to make sure you apply gentle, appropriate skin care products to avoid exacerbating the side effects on your skin.

DID AOU KNOMS

- Soap in both liquid and solid form dries out your skin and causes irritation.
- Wash mitts, sponges and loofahs can all irritate skin made sensitive by your treatment, as can the cotton pads you use for make-up removal.
- Overly hot water dries the skin and reactivates skin problems.

As my skin is more sensitive, I have definitely stopped using washcloths, I always wash with my hands and moisturize after the shower. As soon as I can, I use thermal water to rinse my face or to soothe heat strokes.

Marc

A SKIN CARE ROUTINE THAT RESPECTS YOUR SKIN

- Prefer gels, oils or dermatological bars without soap or perfume, with physiological pH and with a strong surge power. Thus they will respect the hydrolipidic film of your skin.
- The water you use for washing should be at a temperature of between 32°C and 34°C.
- To cleanse, apply and emulsify the cleanser on wet skin with the palm of your hands.
- To remove your make-up, use a gel-based cleanser and the "finger make-up removal" technique, which is gentler than rubbing absorbent cotton. Then, spray your face with Thermal Spring Water to relieve your skin from overheating and tightness.
- Dry your skin by dabbing gently, especially in sensitive areas, to avoid provoking a reaction.

CLEANSER - MAKE-UP REMOVER

TOLERANCE



CLEANSER FACE, EYES

AND LIPS

Cleanses, removes make-up and soothes



Fau Thermale AVÈNE THERMAL SPRING WATER

Soothes and softens

CLEANSER - MOISTURIZING



CLEANSING OIL FACE - BODY SCALP

EXTERNAL INTIMATE AREAS

Gently cleanses and alleviates* the feeling of discomfort**

XERACALM

UITRA-RICH



Gently cleanses and alleviates* *24H of hydration with the washing oil the feeling of discomfort**

wash oil: IH kinetics, 22 subjects with dehydrated skin dehydrated skin, single application, ** Caused by skin dryness.

HOW CAN I IMPROVE THE WAY **MY SCAR LOOKS?**

Surgery is often an important step in treating cancer. The tumor is removed locally during a surgical procedure which may be carried out before or after other treatments (chemotherapy or radiotherapy, for example). Surgery may also involve installing a port or central venous catheter which provides easier venous access for your chemotherapy treatment in the best possible conditions of safety and comfort.



- Gently massaging a scar, especially during the first six months, is a good way of improving its appearance and limiting the marks left by the scar. It stimulates the production of collagen and elastin and restores your skin's suppleness and elasticity.
- Some scars need to be treated by a professional. Please seek advice from your doctor if you are unsure

Be careful: if you massage too firmly, you may worsen the appearance of the scar or slow down the healing process. Do not massage a scar that is still red and swollen (that means it is not mature vet). Self-massage should not make the scar redder.

- Adapt your skin care routine to protect your skin (refer to pages 6 and 7 for more information).
- After epidermalization or removal of the stitches, apply a gel twice a day to improve the appearance of your scar, massaging it gently.
- Protect your scar from the sun by wearing suitable clothing and applying an SPF50+ sun cream (refer to pages 18 and 19 for more information).
- Excessive consumption of alcohol and tobacco is not recommended as it increases the healing time.





Fau Thermale AVÈNE THERMAL SPRING WATER SPRAY

Spray directly onto your scar and leave for 2 to 3 minutes, then dry by gently dabbing the skin





Apply twice a day, gently massaging your scar

MASSAGE TIPS

To determine how mature your scar is and what type of massage to apply, press your scar and time how long it takes to get its color back.



If your scar gets its color back in less than one second (generally, up to 1 month after the procedure), use your index finger to apply Cicalfate+ scar gel on and around the scar by pressing it into the skin, following the direction of the scar.



If your scar gets its color back between 1 and 2 seconds later, perform a knead and roll massage, pinching the skin between the thumb and index finger, in the direction of the scar. Pinch the skin between the fingers, sliding it upward. Continue this movement until all the Cicalfate+ scar gel has been absorbed by the skin (around 5 min).



If your scar gets its color back after 3 seconds (generally, 3 months after the procedure), perform a massage by stretching the skin in the direction of the scar to avoid pulling it apart, using your index and middle finger, until the Cicalfate+ scar gel has been absorbed.





MY SKIN DRIER AND DRIER. WHAT SHOULD I DO?

Dry skin is the most common side effect caused by treatments. In some cases, it is made worse by itching and redness.

The best way of keeping your skin comfortable is to moisturize it as often as possible.

Don't hesitate to ask your doctor or pharmacist for advice.



- Some conventional cleansing products (soap in liquid and solid form) are often aggressive and can cause your skin to dry out even more.
- All skin types, both thin and thick, sensitive and non-sensitive, can become dry at times or in certain areas of the body.
- · As we get older, our skin tends to become drier: this is especially true of women's skin. This tendency to dry out often increases after menopause and while you are undergoing hormonal cancer treatment

* Caused by skin dryness. ** Refer to page 20 for more information.

OUR ADVICE

Remember to drink at least 1L of water during the day.

FACE

- Apply your moisturizing cream using your fingertips.
- Apply in strokes to your cheeks, forehead and neck
- Smooth out from the center to the outer areas of the face without foraetting the neck.

Apply a repair balm 2 to 3 times a day, even under your lipstick.

SCALP

 Apply the emollient on your scalp with your fingertips, massaging using circular movements.

BODY

Applying the product correctly leaves the skin soft and supple, non-greasy and non-sticky.

- Squeeze the emollient into the palm of your hand and spread it between your two hands.
- Apply a thin layer of your balm in strokes using the entire surface of the hand over your body, not forgetting your hands and feet.
- Make sure it is fully absorbed by using the entire surface of the hand.

HYDRATION ADAPTED TO ALL AREAS OF THE FACE AND BODY



TOLERANCE CONTROL -

SOOTHING SKIN RECOVERY BAIM

Cicalfate



Intensely hydrates, restores the skin barrier and calms the skin Exists in « Restorative soothing cream » version



HP BALM

Nourishes, repairs and protects



XERACALM

LIPID-REPLENISHING BALM

FACE - BODY - SCALP EXTERNAL INTIMATE AREAS

Cleanses moisturizes*, soothes itchina**









IN CASE OF INTENSE ITCHING



XERACALM ΔD

SOOTHING CONCENTRATE

FACE - BODY - EYELIDS

Dry areas prone to intense localized itchina



HOW CAN I ALLEVIATE

THE DISCOMFORT CAUSED BY RADIOTHERAPY?



12

The rays produced by radiotherapy can cause skin lesions known as radiodermatitis. The symptoms range from simple redness to more severe burns. It may be made worse by feelings of pain and/or itching. Don't hesitate to ask your doctor or pharmacist for advice.

DID YOU KNOW?

- Irradiated skin is more fragile and prone to bruising, as well as being more sensitive to the sun, even after the end of radiotherapy treatment.
- It is better not to apply any greasy substance (cream, balm, deodorant, etc.) on the area to be treated for several hours prior to the radiotherapy session.

*Caused by skin dryness.
** Refer to page 20 for more information.

OUR ADVICE

- Adapt your skin care routine to protect your skin (refer to pages 6 and 7 for more information).
- Apply a repairing cream as soon as you begin your treatment, before you start to suffer from radiodermatitis.
- Opt for alcohol-free products whenever possible, since alcohol is aggressive for the skin.
- If you can't avoid sun exposure, protect the irradiated area from the sun's rays by applying an SPF50+ sun cream (refer to pages 18 and 19 for more information).
- Opt for loose-fitting, comfortable clothing, preferably made of cotton.

SOOTHE

the irradiated area as required



Eau Thermale

AVÈNE THERMAL SPRING WATER SPRAY

SOOTHES THE AREAS AFFECTED BY THE X-RAYS

Spray directly onto the skin and leave for 5 to 10 minutes, then dry by dabbing gently. If you have stronger burning sensations, apply compresses soaked in Avène Thermal Spring Water for 10 to 15 minutes on the areas to be soothed

TAKE CARE

of the irradiated area as soon as the treatment begins

> If the area is dry



CICALFATE +

RESTORATIVE PROTECTIVE CREAM FACE-BODY

EXTERNAL INTIMATE AREAS

Helps heal superficial irritations

> If the area is **moist**



CICALFATE +

ABSORBING SOOTHING SPRAY

Dries, repairs and soothes irritated sensitive skin prone to maceration (moist areas, skin folds, etc.)





moisturize the irradiated area



FACE - BODY - SCALP

EXTERNAL INTIMATE AREAS

Nourishes and soothes in the case of itching*

I'VE HAD PIMPLES. WHAT SHOULD I DO?

14

When you undergo certain types of targeted therapy, an acneiform eruption in the form of pimples or redness often appears. These lesions are generally found locally on the face, scalp, back and chest. They may be combined with itchiness, discomfort or a painful burning sensation. Don't hesitate to ask your doctor or pharmacist for advice.

DID YOU KNOW?

- Even though this eruption looks like acne, it isn't.
- Body scrubs are not recommended for very irritated skin.
- Patients undergoing treatment should avoid exposure to sunlight, which can exacerbate the lesions.
- If you pick away at the lesions, you increase the risk of scarring.

* Caused by skin dryness. ** Refer to page 20 for more information.

OUR ADVICE

- Use suitable products for your everyday skin care routine (refer to pages 6 and 7 for more information).
- Apply a soothing moisturizing cream once or twice a day. Opt for fragrance-free, preservative-free products.
- Limit the spread of bacteria by usina a copper/zinc-based cream or drying spray.
- If you can't avoid sun exposure, protect your skin from sunlight with an SPE50+ cream (refer to pages 18 and 19 for more information).
- If you feel it is necessary, cover up the eruption using medical make-up





Fau Thermale

AVÈNE THERMAL SPRING \WATER SPRAY

SOOTHES AND SOFTENS

Spray directly onto the skin and leave for 2 to 3 minutes, then dry by dabbing gently





TOLERANCE CONTROL ---

SOOTHING SKIN **RECOVERY BALM**

FACE AND EYE AREA

Intensely hydrates, restores the skin barrier and calms the skin

Exists in « Restorative soothina cream » version



XERACALM

ΔD LIPID-REPLENISHING BALM

FACE - BODY SCALP EXTERNAL INTIMATE

Nourishes and soothes feelings of itchiness*



> If the area is dry



CICALFATE +

RESTORATIVE PROTECTIVE CREAM FACE - BODY

EXTERNAL INTIMATE AREAS

> If the area is moist



CICALFATE +

ABSORBING SOOTHING SPRAY FACE BODY

Helps heal superficial irritations

MY HANDS AND FEET ARE IN A TERRIBLE STATE... WHAT CAN I DO ABOUT IT?

Chemotherapy and targeted treatments can lead to significant side effects on the hands and feet: redness, pain, cracked skin, etc.

Hand-foot syndrome may develop.

The best course of action is to moisturize your hands and feet intensely every day.

You should also consult a podiatrist if need be.

I started to have a lot of pain under my foot, I thought it was caused by my new shoes, but no, it was a side effect of my cancer treatment. Now I take care of my feet and hands, it's important.

Alice

16

* Caused by skin dryness

** Refer to page 20 for more information.

*** The outer layers of the epidermis.

UR ADVICE

- To look after your feet: avoid walking for long periods at a time, make sure your shoes are not too tight and wear cotton socks.
- To protect your hands: wear cotton gloves for day-to-day tasks and latex gloves for housework.
- To avoid exacerbating dryness on your hands and feet: use suitable products for your everyday skin care routine (refer to pages 6 and 7 for more information).
- To prevent your skin from drying out: apply emollients and repairing products.

SOOTHE AND REPAIR YOUR SKIN



CICALFATE +

RESTORATIVE
PROTECTIVE CREAM
FACE - BODY
EXTERNAL INTIMATE AREAS



Cicalfate

RESTORATIVE PROTECTIVE CREAM

Repairs***, soothes and protects very dry, irritated hands

MOISTURIZE YOUR SKIN ON A DAILY BASIS



XERACALM A.D

LIPID-REPLENISHING BALM
FACE - BODY

SCALP

EXTERNAL INTIMATE AREAS

Nourishes and soothes feelings of itchiness**

STERILE COSMETICS®

PRESERVATIVE**



UNDERSTANDING HAIR LOSS

IN CANCER PATIENTS

Your oncologist has prescribed treatment for your illness and has told you that this treatment may cause side effects. These side effects vary from one type of treatment to another based on the specific molecules and dosages prescribed. Feel free to talk about this with your oncologist, general practitioner, pharmacist, nurse or oncology esthetician. The more you know, the better you will manage the treatment and its side effects.



Most cancer medications target the cancer cells either to eliminate them or to prevent them from multiplying.

These medications target cancer cells but also act on the body's cells that renew rapidly, like those responsible for hair growth. This is the reason for the hair loss often observed with these treatments.

WHEN AND HOW DOES HAIR FALL OUT?

Hair loss often occurs two to three weeks after treatment starts. In some patients, it may fall out immediately.

It most often affects the entire scalp. It may be progressive or sudden, and the intensity of the loss depends on the molecules and dosages used. Additionally, sometimes, based on the treatment used, other body hairs, eyelashes and eyebrows may be affected slightly later. Tingling, itching or hypersensitivity (also called "trichodynia") may also be felt on the scalp just before or at the time the hair falls out. It is essential to be prepared for the side effects:

FEEL FREE TO TALK TO HEALTHCARE PROFESSIONALS FOR MORE INFORMATION AND ADVICE.

DOES HAIR GROW BACK?

Yes, most often, hair grows back one to two months after the last treatment. Its texture may be slightly different - straighter or curlier - and the color may vary somewhat when it grows back. This change often diminishes with time. Patience is key: 12 to 18 months after the last treatment, hair will progressively return to normal.



TO ACCOMPANY HAIR LOSS AND

PROMOTE QUALITY REGROWTH

DAILY ROUTINES:

I CLEAN:

- Preferably the day before chemotherapy, and I avoid washing my hair for three to five days after the chemo session.
- By gently massaging without scrubbing
- I rinse with warm water

I TAKE CARE:

- By drying my hair without rubbing, using a towel, and preferably by patting the hair dry
- By possibly choosing to dry my hair with my hairdryer on low speed and medium heat

I MAINTAIN AND I STYLE:

- By respecting fragile hair: I avoid blow-dries, heavy brushing, curlers, hair smoothing or straightening, permanents, dying and bleaching during treatment and for 6 to 12 months after treatment ends
- By avoiding braids as well as accessories that are harmful to hair (barrettes, clips, elastic bands, etc.)
- By wearing a wig, a turban or a scarf if I feel I should: they do not affect hair regrowth

APPROPRIATE DERMO-COSMETIC PRODUCTS:

I CLEAN:

With an anti-hair loss or gentle shampoo
 WHEN? As soon as treatment starts and to support
hair regrowth

ITAKE CARE:

- With an anti-hair loss lotion to accelerate hair regrowth
- With a soothing emollient lotion to hydrate the scalp
- With sun protection to avoid aggressive UV rays
 WHEN? As soon as the last treatment ends

I MAINTAIN AND I STYLE:

• With a food supplement for nutrients to boost the regrowth of healthy hair

WHEN? One month after the last treatment ends

In some cases, your oncologist may advise you to wear a cold cap when the treatment is administered: this slows hair loss when treatments start. Talk to your oncologist about it.



SUPPORTIVE CARE FOR

HAIR LOSS AND PROMOTES OUALITY REGROWTH

STIMULATE HAIR GROWTH

FROM THE START OF TREATMENTS



1 MONTH AFTER END OF TREATMENTS



1 MONTH AFTER END OF TREATMENTS



ANAPHASE+

HAIR LOSS SHAMPOO SUPPLEMENT

- Fortifies and revitalizes
- Facilitates penetration of anti-hair loss lotion

Apply to damp hair, massage gently, renew application, leaving to act for 2 to 3 minutes, rinse

ANTI-HAIR LOSS LOTION

CREASTIM REACTIV

- Accelerates hair regrowth
- Effective from the first month of use*

Apply 4 doses to the entire scalp and massage gently On dry or damp hair Apply 3 times/week Non-greasy, non-sticky formula

ANACAPS REACTIV FOOD SUPPLEMENT

- Provides nutrients for the regrowth of healthy hair
- 1 capsule/day Recommended 3 months treatment

* 84% hairloss effectiveness perceived from the 1st month. Test in use with 67 women. Application 3 times/week for 1 month.

TO LIMIT SCALP SENSITIVITY

WHEN HAIR LOSS OR WEARING A HAIR PROSTHESIS

DAILY ROUTINES:

I CLEAN:

- With a gentle, soothing physio-protective shampoo to calm the scalp WHEN? As soon as treatment starts and until start of hair regrowth
- Preferably the day before chemotherapy, and I avoid washing my hair for three to five days after the chemo session
- By gently massaging without scrubbing

ITAKE CARE:

- I dry carefully, without rubbing
- If I want to use a hairdryer, I set it on low speed and medium heat
- I cut my hair shorter when treatment starts
- I shave off my hair if my scalp is too sensitive

I MAINTAIN AND I STYLE:

- With dermo-cosmetic products suited to my situation
- Without forgetting to use sun protection on my scalp if I go out bare headed
- I choose an alternative best suited to my lifestyle: naturally bare-headed, a scarf, a wig, a cap, etc...



SUPPORTIVE CARE FOR HAIR AND SCALPS WEAKENED BY ANTI-CANCER TREATMENTS

CALM AND SOOTHE SCALPS

FROM THE START OF TREATMENTS



SENSINOL

PHYSIO-PROTECTIVE TREATMENT SHAMPOO From 6 years old

- Calms itchina
- Soothes the scalp

Apply to damp hair and scalp, gently massage and rinse Reapply and leave to act for 2 to 3 minutes

Rinse thoroughly

Alternating with ANAPHASE+ shampoo



EXTRA-GENTLE

DERMO-PROTECTIVE SHAMPOO

From 1 month old

- Delicate hair hygiene
- Respects the scalp

Apply to damp hair, massage gently, rince Frequent use

22

I'VE BEEN TOLD TO PROTECT MY SKIN FROM THE SUN. WHY?

Some treatments are not "compatible" with sunlight; we are talking about photosensitivity. You are therefore more prone to sunburn and even burns. That is why it is important to protect your skin from UV rays, which cause sunburn, every day. Don't hesitate to ask your doctor or pharmacist for advice.



DID YOU KNOW?

- These photosensitivity reactions may occur during simple outings in overcast weather or during the winter, when you are under a parasol or in the shade, or even through the windows of a house or car!
- So always keep in mind that, in all circumstances, it is important to protect yourself from the light!

DID YOU KNOW?

- Every time you plan to expose your skin to sunlight, you need to apply the right amount* of an SPF50+, fragrance-free sun cream beforehand
- · Reapply your cream frequently to maintain the level of protection, especially if you have perspired, taken a swim or dried yourself off with a towel.



Wear protective clothina (alasses. scarf, hat, clothes that cover your body, etc.).



Insofar as possible. avoid exposina vour skin - even moderate exposure is not recommended



Stay out of the sun between 11 a.m. and 4 p.m.



Glass surfaces do not totally block out UV rays. Avoid exposure to light, even if you're not going out.



Apply SPF50+ sun cream that is waterproof. sweat-resistant and fragrance-free

100% MINERAL SUN PROTECTION: **HIGH TOLERANCE**

I APPLY

each morning uniformly on the face and areas of the body exposed to sun during the day, 20 minutes before going outdoors.





VERY HIGH PROTECTION MINERAL CREAM SPF50+ FACE Certified UVA. safe white supplicate



VERY HIGH **PROTECTION** MINERAL LOTION SPF50+ FACE AND BODY

Certified UVA. safe white sunblock



VERY HIGH PROTECTION MINERAL SPF50+ FACE

Certified UVA. light (white) texture



FACE Certified UVA. light (tinted) texture



Certified UVA. available in 2 shades: Beige and Honey





^{*} By reducing the amount applied, you significantly reduce the level of protection.

THE EAU THERMALE AVÈNE BRAND: THE SECRETS OF SAFETY FIRST....



Rigorous selection of raw materials



Inspired by medication's manufacturing standards



Objective evaluations of the effectiveness of finished products

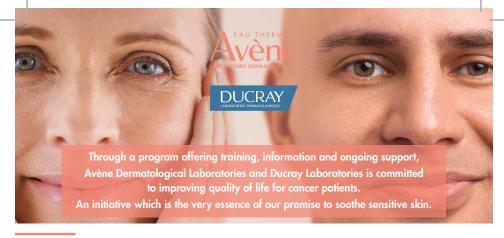


Tolerance tested under dermatological control

STERILE COSMETICS....







FIND ALL THE INFORMATION ABOUT THE CUTANEOUS SIDE-EFFECTS OF ANTICANCER THERAPIES AND MANY OTHER PRECIOUS ADVICES ON:

skinandcancer.ca



- Patient testimonials videos
- Advice leaflet to download
- Professional advice videos

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