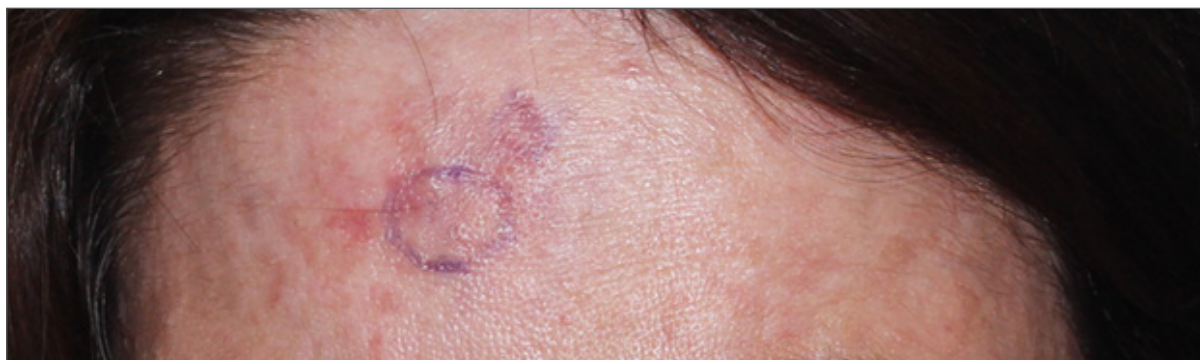


CASE STUDY

PATIENT AGE: 57 | **SEX:** FEMALE
TYPE: BOWEN'S DISEASE | **LOCATION:** FOREHEAD

RADIOTHERAPY SYSTEM: XSTRAHL 150



Lesion marked on central forehead before treatment

DIAGNOSIS AND PRESCRIPTION

Treating Radiation Oncologist: Professor Gerald Fogarty

LESION	TYPE	LOCATION	FIELD SIZE	NO. OF TREATMENTS
1	SCC	CENTRAL FOREHEAD	5CM	30

KEY FACTS

- Prior to this treatment, the patient had treatments of cryotherapy, photodynamic therapy and a course of 5% fluorouracil cream.
- The patient noticed a visible lesion on her central forehead following photographs taken for her public profile.
- The patient underwent partial megavoltage electron therapy before noticing significant hair loss. Patient was switched to a low intensity radiotherapy using the Xstrahl 200 system.

TREATMENT OUTCOMES

- The patient was prescribed 57 Gray in 30 fractions with a megavoltage electron therapy system. After 28.5 Gray in 15 fractions the patient noticed significant hair loss in the region.
- Treatment was switched to low intensity 80kV radiotherapy using the Xstrahl 200 system.
- The new treatment allowed for a continuation of treatment the next day, a reduction on the field size from 6cm to 5cm, no more hair loss and a prescription completed within the original timeframe.

12-MONTHS POST TREATMENT

- Evidence of the SCC on the central forehead was non-existent.
- The patient saw no additional loss of hair and maintained excellent cosmesis.