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

<table>
<thead>
<tr>
<th>LESION</th>
<th>TYPE</th>
<th>LOCATION</th>
<th>FIELD SIZE</th>
<th>NO. OF TREATMENTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>SCC</td>
<td>CENTRAL FOREHEAD</td>
<td>5CM</td>
<td>30</td>
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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.