Primary Prevention Meeting
28 May 2021, 13:00-16:00 CEST
Virtual

Sunbed regulation and Europe’s Beating Cancer Plan

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The Commission will also explore measures on exposure to ultraviolet radiation, including from sunbeds, which increases the risk of melanoma, the most serious form of skin cancer.
### Increased Risk (average)

<table>
<thead>
<tr>
<th>Condition</th>
<th>Ever Sunbed Use</th>
<th>First Use in Youth (&lt;25-35 years)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Melanoma</td>
<td>20%</td>
<td>70%</td>
</tr>
<tr>
<td>Basal Cell Carcinoma (BCC)</td>
<td>30%</td>
<td>40%</td>
</tr>
<tr>
<td>Squamous Cell Carcinoma (SCC)</td>
<td>70%</td>
<td>100%</td>
</tr>
</tbody>
</table>

Sunbed regulation in Europe

**Harmonized European Standard**

**EN 60335-2-27:2013**

EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN 60335-2-27

December 2013

ICS 13.120: 97.170

Supersedes EN 60335-2-27:2010

Household and similar electrical appliances - Safety - Part 2-27: Particular requirements for appliances for skin exposure to ultraviolet and infrared radiation

(IEC 60335-2-27:2009, modified)

≤ 300 mW/m² of total effective irradiance

Restrictions for minors and fair-skinned individuals

For a subset of countries

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**Low compliance with legislation**

- malfunctioning/obsolete sunbeds
- no warning signs
- inappropriate use by customers

There is **no safe limit** for exposure to UV radiation by sunbeds!

Legislative measures taken in Europe are **insufficient**!

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https://www.test-achats.be/action/espace-presse/communiques-de-presse/2017/zonnebankcentra

http://ec.europa.eu/health/scientific_committees/scheer/docs/scheer_o_003.pdf

VARIABILITY OF SUNBED USE PREVALENCE ACROSS COUNTRIES

Suppa et al. JEADV 2019; 33 Suppl 2: 13-27
Spain 20% 
Portugal 2% 

Iberian particularity 

Scandinavian particularity 

highest prevalence among adolescents 

Baltic particularity 

highest prevalence among young adults 

Balkan particularity 

highest gender disproportions (females) 

Wealth particularity 

lowest gender disproportions 

Suppa et al. JEADV 2019
Sunbeds in Europe: what to do?

MULTICOMPONENT INTERVENTIONS: TAILORED TO SPECIFIC POPULATIONS
Sara Gandini

Véronique del Marmol