

The Brazilian scenario

- 90% of the territory are in the tropics.
- 199,492,433 inhabitants in 2014: 97,679,828 men and 101,812,605 women.
- Average ozone column is 265-283 DU.
- Daily erythemal dose reaches 7500 J m⁻².
- UV-Index reaches 13-19.

The clinical scenario

- Brazilians are used to overexposure to the Sun.
- Population's average skin is probably type III.
- Skin cancer has the highest annual prevalence: 31.6% for Carcinoma and 1.1% for Melanoma.
- 98,420 men and 83,710 women would have developed Carcinoma in 2014.
- 2,960 men and 2,930 women would have developed Melanoma in 2014.
- Vitamin D insufficiency among Brazilians is apparent.

The public health care actions

- Photoprotection attitudes are advertised.
- Total ban on tanning devices (since 2009).
- Project of Laws propose free access to sunscreen for both outdoor workers and the public.
- However, the impact of the deposition of sunscreen by-products on the waters after the approval of such PLs has not yet been forecasted.