Radiophysical Sanitary Area

MINISTRY OF HEALTH
PROVINCE OF SANTA FE
Offices – Santa Fe State - Argentina

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Functions

- Evaluation and monitoring
- Quality Assurance
- Dosimetry
- Education
Here in Santa Fe a regulation was implemented without carrying out a study of the reality of the equipment installed.

We created the regulation based on one that was already being used in Spain, which limited the effective irradiance and wavelength.

Effective irradiance 0.30 W/m²
Wavelength below 295 nm
Firts steps

When we began to make measurements in the installed equipment, very few could meet these limits, for this reason, the artificial tanning facilities were not allowed to work and a great political uproar arose in elections times.

We were forced to reform the regulations, removing these two limitations until we can make an evaluation and study of the situation.
Lack of regulation

Here in Argentina the artificial tanning equipment is not considered as a medical product and because of that there is no entity that performs the relevant controls when entering into the country, to be clearer today it is the same to enter a TV than a tanning equipment, it is only check the electrical safety, and as a consequence we do not have data of any kind.
Project

For this reason we started a project that aims to make a survey of all artificial tanning equipment installed in our province

- Brand and Model of the equipment.
- Type of lamps, Brand and model.
- Filter type and filter status.
- Effective irradiance and wavelengths.

The idea, based on this, is being able to make a database and to determine the time of exposure per patient based on power and phototype skin to avoid erythema. Unfortunately, because of the lack of resources we are progressing very slowly.
Our home made Lab & equipments
Efficacy of the policies

To conclude, our experience says that the best way to control the installation is creating agreements with municipalities and also with organization that regulate and control the professionals, in this case in Argentina there is a Beauticians organization.

- We request the professionals to be registered in Beauticians organization
- The Beauticians organization request the professionals our Certification