

NEWSPAPER STEAM

More than an obligation, recycling is a necessity.



Don't ruin the earth, it's
hard to find a good planet

THE IMPACT OF SANITARY WASTE

Isabella Parada Bastidas

The development achieved by humanity leads to the generation of a large amount of waste, producing adverse effects on the environment. Our objective is to know the impact of sanitary waste on the environment in order to attract attention to achieve a sustainable environmental context.

Sanitary sources of waste are important not only because of the volume they represent, but because they lack treatment and constitute a significant risk to the environment and health, for this reason waste management is an activity of great importance, which contributes to the conservation of the environment taking into account that it encompasses the entire environment that conditions life. Currently, a significant percentage of the waste generated in health and similar services is dangerous due to its infectious, reactive, radioactive and flammable nature. Proper waste management should aim to reduce the risk of waste to facilitate its final disposal, since the population with the highest level of risk are workers in health facilities, both in the medical area and in general services. , who are the ones who suffer the highest percentage of accidents with sharp objects.

Health services must play an exemplary role in protecting health and the environment. The scarce resources available to protect public health should not be wasted generating new health problems. Start by making an inventory of the volumes and types of waste generated. After that, start an aggressive waste segregation plan, to give each group the most suitable destination, to avoid the spread of germs, but also to avoid wasting resources and to protect public health from chemical contamination.

GOOD MANAGEMENT OF WASTE

Ana Sofia Gomez Beltran

The initiative to Design the procedures for the integral management of the personal waste and to generate methods that are easy to implement and allow the correct management of the waste is proposed for the school margarita bosco by the students of degree eleven.

The health care activities protect and restore health and save lives, but of all the waste generated by these activities, approximately 85 percent is ordinary non-hazardous waste, similar to household waste. The remaining 15 percent are considered hazardous material that may be infectious, toxic or radioactive. Health waste contains microorganisms that can be harmful and infect hospital patients, health workers and the general population.

Approximately 16 billion injections are administered worldwide by medical centres each year, but not all needles and syringes are disposed of correctly, posing a risk of injury or infection, as well as being reused.

So a prototype was made so that the general service staff have minimal contact with the sanitary waste. It is a mechanism that is able to seal the waste bags with heat, on the right side the container has a lever and two buttons, its function is to delimit a space for the waste and the buttons are to seal and expel the bag, each of these bags shall have a colour referring to the type of waste, the container also bears a visible label to differentiate waste, and thus to reduce the risks to which people are exposed.

After knowing the benefits of this project, the general service staff obtained a prototype for the good management of the waste by the educational institution and students of grade eleven and to ensure the well-being of the staff.



The planet will thank you and your children too.