

## **Management of chemical waste disposal produced during the radiographic examination in dentistry**

### **Abstract**

Despite the advent of digital radiology, many dental surgeons still employ traditional methods for performing their clinical radiographs. In this way, both solid waste and chemical residues that can cause environmental damage are generated in the offices. This debris must be properly stored in the generating unit for subsequent selective collection and appropriate disposal. The objective of this work was to review the literature on the norms and techniques of processing, storage and final destination of the wastes generated during radiographic processing. It was a bibliographical review of the literature, conducted through the search for books and articles indexed in the following scientific bases: SciELO, PubMed, MEDLINE and USP Theses. Even with the availability of digital radiographs, which do not require film and radiographic processing, dental surgeons prefer conventional radiographs because of their low cost. Health-generated wastes are highly toxic and infectious when not disposed of properly. Due to these facts it is considered fundamental the awareness of dental surgeons to minimize this problem through the reuse and recycling of these products.

**Descriptors:** Dental Radiography. Solid Waste. Chemical Waste. Dangers on the Environment.

Freire GT, Grossi ATR. Gerenciamento do descarte de resíduos produzidos durante os exames radiográficos em Odontologia. R Odontol Planal Cent. 2018 Jan-Jun;8(1):24-30.