

CARE IN PEDIATRIC ONCOLOGY



Care in Pediatric Oncology

Editors

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José Carlos Martins Córdoba
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Secretaria
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2024 Patricia Medeiros-Souza

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Appropriate Disposal of Medicines

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- Do not reuse empty medicine bottles and packaging Programa Descarte Consciente, 2022; Conselho Regional de Farmácia do Estado do Paraná; Crippa et al., 2017);

DO NOT REUSE PACKAGES



- Do not dispose of medications in the sink, toilet, or regular trash bins Programa Descarte Consciente, 2022; Conselho Regional de Farmácia do Estado do Paraná; Crippa et al., 2017);
- Dispose of medicines for cancer at the pharmacy in the hospital or clinic where treatment is carried out because they will be treated in an appropriate place (incinerated). They will be put (wrapped) in an orange plastic bag because they are identified as chemical waste (Agência Nacional de Vigilância Sanitária, 2018);



- The medicines which are not meant for cancer treatment should be disposed of at a Unidade Básica de Saúde (basic health unit – UBS), drugstores, or collection locations closer to your home (Agência Nacional de Vigilância Sanitária, 2018);
- If you need to dispose of syringes and needles, put them in PET bottles to avoid accidents. For example, Filgrastim – Granulokine, which is used to improve immunity, may be administered subcutaneously using syringes and needles when the patient is not home (Agência Nacional de Vigilância Sanitária, 2018).



REFERENCES

Agência Nacional de Vigilância Sanitária. Resolução da Diretoria Colegiada-RDC nº 222, de 28 de março de 2018. Regulamenta as Boas Práticas de Gerenciamento dos Resíduos de Serviços de Saúde e dá outras providências. Diário Oficial da União. 2018 mar. 29;61(seção 1):76.

Conselho Regional de Farmácia do Estado do Paraná. Descarte de Medicamentos [Internet]. Curitiba, 2018 jun. [cited 2022 dez. 10], edição 004. Available from: <https://www.crf-pr.org.br/pagina/visualizar/291>

Crippa A, Vasconcellos C, Corte TWF, Engroff P, Feijó AGS. Descarte correto de medicamentos: construção de uma cartilha educativa. *Saúde em Redes*. 2017;3(1):07-17. DOI: <http://dx.doi.org/10.18310/2446-4813.2017v3n1p07-17>

Programa Descarte Consciente. O problema ambiental [Internet; 2022 dez. 10]. Available from: <https://www.descarteconsciente.com.br>

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