parallel testing was performed using Chemfort VA from which the filter system had been removed.

**Results**
No drug was found in any of the test samples with the intact air filter system in Chemfort VAs, either fresh, following aging for 3 years or after 7 days of exposure to drug vapours. Recovered vapour was consistently found in the positive control samples which had Chemfor VAs without a filter system. Mean±SD (n=5) levels were 69±34 and 35±20 ng for cyclophosphamide and 5-FU, respectively.

**Conclusion and relevance**
The results confirm the efficacy of the Chemfort air filtration system, even after 7 days of exposure to drug vapour or a shelf life of 3 years.

**REFERENCES AND/OR ACKNOWLEDGEMENTS**

Conflict of interest

Corporate sponsored research or other substantive relationships:

The author is an employee of Simplivia Healthcare.
Conclusion and relevance Ziv-Aflibercept (Zaltrap) remained stable for 14 days regarding visual appearance, LMW aggregates, particulate and conformation when stored at 4°C. However, storage at room temperature promoted ziv-aflibercept modifications. This result encourages more studies with samples stored at 4°C to establish the stability of opened vials of Zaltrap.

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No conflict of interest.

Abstracts

USE OF CABAZITAXEL AND REDUCTION OF WASTE: THE POTENTIAL OF DRUG DAY


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Background and importance Cabazitaxel is an antineoplastic agent indicated for the treatment of adult patients with metastatic castration resistant prostate cancer, previously treated with a docetaxel containing regimen. The formulation available on the market consists of a vial of concentrate which, after dilution, makes 60 mg of drug available. The recommended dose of cabazitaxel is 25 mg/m² administered every 3 days. In this study, was calculated the waste calculated from leftover of single therapy (49 days). In the case of multiple administrations on the same day, leftover drug was calculated based on vial sharing. The same method was used to calculate leftover drug for every week of therapy, as if the therapies had been administered on the same day (drug day).

Materials and methods Leftover drug was calculated for each day of administration (49 days). In the case of multiple administrations on the same day, leftover drug was calculated based on vial sharing. The same method was used to calculate leftover drug for every week of therapy, as if the therapies had been administered on the same day (drug day).

Results In 9 months, 2370 mg of cabazitaxel were administered and the waste calculated from leftover of single therapy days was 1350 mg (+57% compared with ideal consumption). Projecting consumption and waste at 12 months gives an annual consumption of 4960 mg of cabazitaxel (83 vials, of which 30 are considered waste). With the introduction of drug day, waste would decrease to 810 mg (+34% compared with ideal consumption) and the projection would lead to an annual consumption of 4240 mg (71 vials, of which 18 would be considered as waste).

Conclusion and relevance The introduction of drug day for cabazitaxel is fundamental to reduce waste, optimise resources and safeguard costs.

REFERENCES AND/OR ACKNOWLEDGEMENTS

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No conflict of interest.