EVALUATION OF THE FEASIBILITY OF PREPARING PATCHES IN VASELINE FOR THE TOXIDERMIA EPLORATION IN IMMUNO-ALLERGOLOGY

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Background and objectives

Toxidermia diagnosis in Immuno-Allergology (IA) is based on the reading of drug-based patch tests.
Currently: patches made by crushing and diluting a tablet of the "commercial specialty" in NaCl.
French recommendations have evolved towards patches in Vaseline, with a ratio of 30% of drug mass and 70% of Vaseline mass.
Objective: to assess the pharmaceutical human resources required to prepare these new patches.

Materials and methods

01/12/23 - 29/02/24 : Assessed the number of patches tested and determined the panel of molecules

→ 89 molecules
334 patches
28 patches per week

Commercially offer available from laboratories (Destaing® and allergEAZE®)

→ 19 molecules marketed (21%)
174 patches (52%)

Results

21 molecules not marketed
molecules (24%)
66 patches (20%)
6 patches per week

Excluding liquid forms produced directly in the AI department:
39 injectable molecules
6 oral molecules
4 eye drops

Preparations

NaCl	Vaseline
45 preparations	29 preparations
1min26 sec (0min36sec)	7min34sec (2min1sec)

Time : **6 min8sec (x6 patches) = 37 min per week**

Discussions – Conclusion

- Most of the preparations are marketed by laboratories.
- Other preparations: integrating this additional manufacturing time into the current activity of compounders (protocol being drafted + reorganization)

- Short collection period: need for analysis of retrospective data from 2022 and 2023 before integration into the current activity
- Only few studies on the stability available: maximum delay of 24 hours before application-> not compatible with the current organization
- Financial aspect needs to be explored

(1) Brajon D, Menetre S, Waton J, Poreaux C, Barbaud A. Non-irritant concentrations and amounts of active ingredient in drug patch tests. Contact Dermatitis. sept 2014;71(3):170-5.

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