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BACKGROUND :

News Guidelines of the investigation of anaphylaxis

Allergy testing be performed in day hospital, because of the anaphylactic risk requiring special hospital surveillance.

Heterogeneous practices

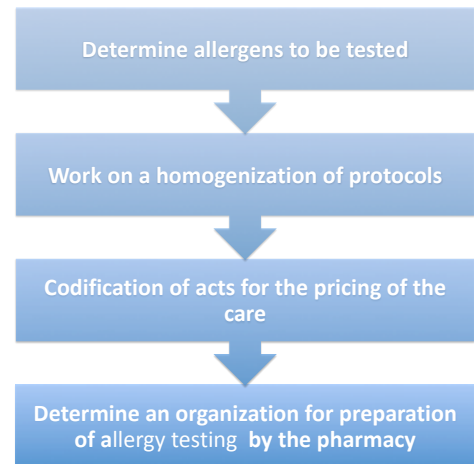
Skin tests and oral provocation tests are currently performed in our hospital in dermatology, pediatrics, and pneumology department according to heterogeneous protocols.

Necessity of securing the manufacturing circuit

Only oral provocation tests preparations are made in our hospital pharmacy, Skin tests are manufactured extemporaneously by nurses before administration.

MATERIAL AND METHODS

Establishment of a working group comprising: pharmacists, pulmonologists, dermatologists, pediatrician, and a doctor of medical information and the financial affairs department.



OBJECTIVES :

Set up a circuit of preparation of allergic tests in day hospitalization

RESULTS :



Allergy testing will be made in day hospital one day per week for all medical specialties.



Their manufacture will be carried out the day before by the pharmacy

Five drug classes have been identified as priorities for development:

- Antibiotics,
- Analgesics,
- Local anesthetics drugs,
- Iodinated contrast products ,
- Non steroidal anti-inflammatory drugs.



We decided to standardize adult protocols separately from pediatrics.



The target dose of tests varies according to the weight of the child.

Production duplicate skin tests to prevent failure of administration due to children's movements.

DISCUSSION AND CONCLUSIONS :

This work required close collaboration between prescribers and pharmacists. It will allow for better patient management, Allergy testing manufacturing according to good preparation practices guidelines, but also significant financial value through day hospital pricing. During the implementation of these Allergy testing, we encountered difficulties in standardizing protocols. We therefore decided to standardize adult protocols separately from pediatrics. A study of the stability of dilutions of molecules tested will subsequently be necessary.

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