



HOW RELIABLE IS PATCH TESTING? APPLICABILITY IN REAL-LIFE PRACTICE FOR THE DIAGNOSIS OF ALLERGIC REACTIONS

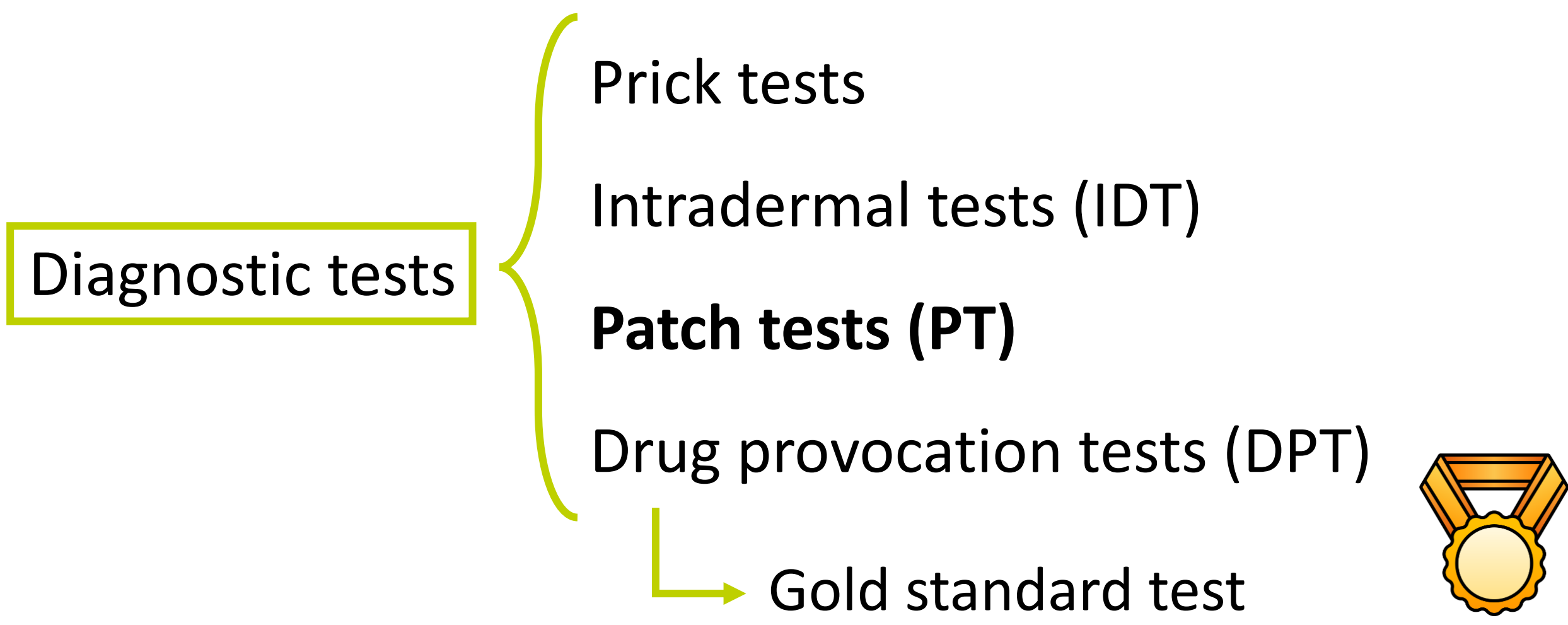
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BACKGROUND AND IMPORTANCE

Patients are frequently mislabeled as antimicrobial-allergic without proper diagnosis, leading to individual and global public health risks.



AIM AND OBJECTIVES

Compare the PT results with the final diagnosis established by the allergist through clinical assessment and additional tests.

MATERIALS AND METHODS

- Observational
- Tertiary-level hospital
- October 2020 – September 2024
- Retrospective
- Patients who were dispensed at least **one antimicrobial patch test kit**

Data were collected from:

- Electronic health record (EHR)
- Pharmacy dispensing program

CONCLUSION AND RELEVANCE

- **PT are an appropriate diagnostic tool for type IV hypersensitivity-related reactions**, given their 100% PPV
- Limited value of negative results
 - ➔ Enhancing the reliability of negative results can reduce dependence on DPT, improving patient safety

RESULTS