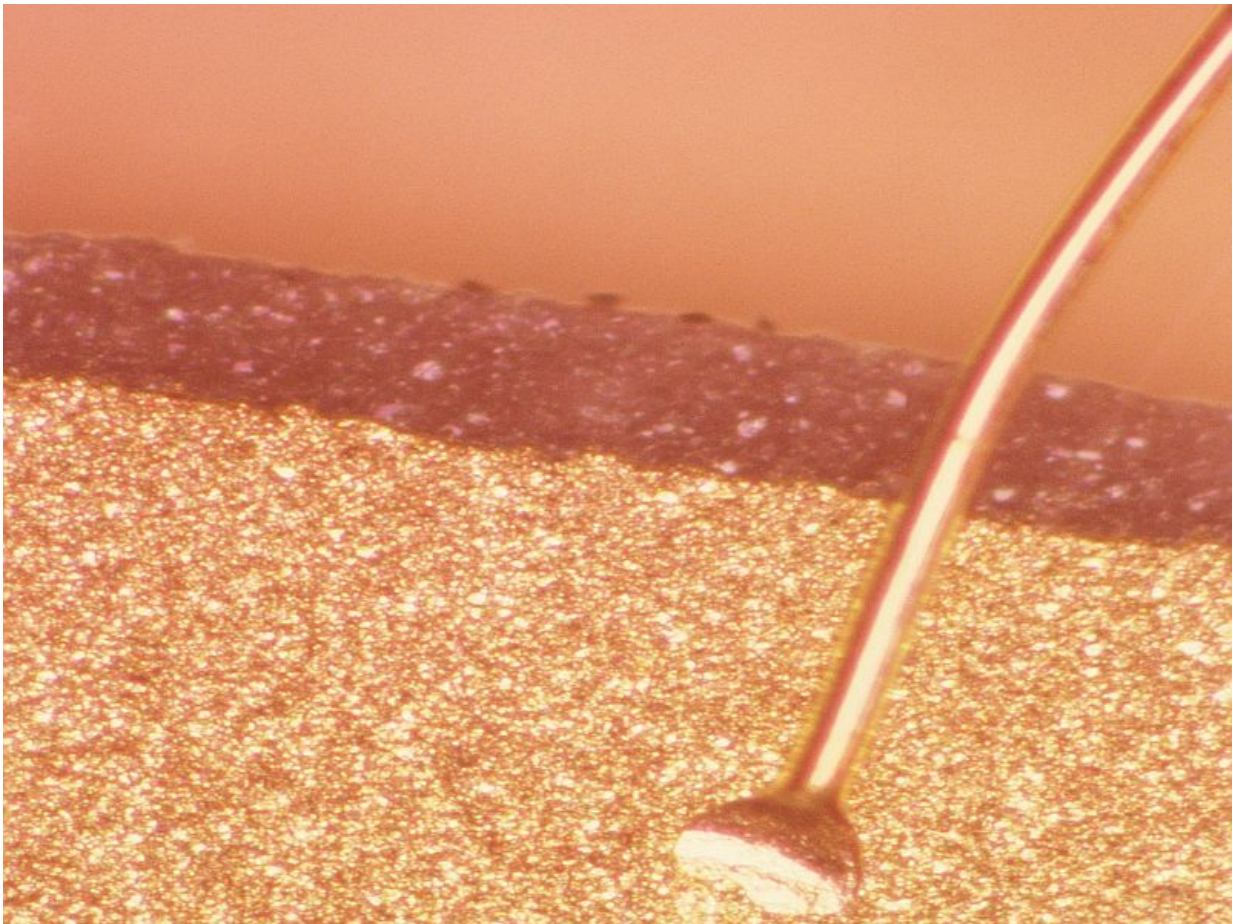


# Skin prick, sIgE have moderate agreement for allergic disease

March 13 2017

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(HealthDay)—For 10-year-old children, skin prick test (SPT) and

specific immunoglobulin E (sIgE) have moderate agreement for allergic diseases, according to a study published online Feb. 24 in *Allergy*.

Amandine Chauveau, M.D., from the University Hospital of Besançon in France, and colleagues examined agreement between SPT and sIgE and compared their correlation with allergic disease in a cohort of 529 10-year-old children.

The researchers found that the highest agreement was with a cut-off value of 3 and 5 mm for SPT and 3.5 IU/mL for sIgE ( $\kappa = 0.44$ ). There was no significant difference for the area under the curve (AUC) obtained with SPT and sIgE. SPT (cut-off value at 3 mm) had a significantly higher specificity than sIgE (cut-off value at 0.35 IU/mL) for asthma and hay fever (P

"SPT and sIgE display moderate [agreement](#), but have a similar AUC for [allergic diseases](#)," the authors write. "At the cut-off value of 3 mm for SPT and 0.35 IU/mL for sIgE, SPT has a higher specificity for asthma and [hay fever](#) than sIgE without difference for sensitivity."

**More information:** [Abstract](#)  
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