

## For the Patient

The full report is titled: "Evaluating children with suspected allergic reactions to vaccines for infectious diseases." It is in the May–June 2018 issue of *Allergy Asthma Proceedings* (volume 39, pages 177 to 183). The authors are Fabrizio Franceschini, Paolo Bottau, Silvia Caimmi, Fabio Cardinale, Giuseppe Crisafulli, Lucia Liotti, Guido Pellegrini, Diego Peroni, Francesca Saretta, Carla Mastrorilli, and Carlo Caffarelli.

*For the Patient* is provided to physicians so that the patients can better understand the language of modern medicine.

*For the Patient* is written by the editors (Bellanti JA, and Settignano RA) and provided to practitioners so that patients can better understand the usefulness of new information resulting from medical research.

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### Evaluating children with suspected allergic reactions to vaccines

**A**lthough vaccines are generally recognized as one of the most important public health interventions for the prevention of illness and the reason for the eradication of many severe infectious diseases, they sometimes may induce allergic or adverse reactions that contribute to parental concerns and hesitancy on the use of immunizations for their children. These concerns seem to be increasing due to the influence and popularity of social media and exposure to online antivaccination sentiment. In a recent report, Franceschini and colleagues from the "Ospedali Riuniti" University Hospital, Ancona, Italy, provided evidence on allergic reactions to vaccines for infectious diseases and offered a set of guidelines for a practical approach for the assessment and management of children with suspected allergic reactions to a vaccine.

#### Who or What Was Proposed to Be Studied?

Information was obtained from a search of guidelines and relevant studies on allergic reactions to vaccines for infectious diseases.

#### How Was the Study Done?

The guidelines were developed by using published reports supplemented by the authors' clinical experience.

#### What Are the Limitations of the Proposed Study?

The report is subject to limitations inherent to the adequacy of the survey methodology.

#### What Are the Implications of the Study?

This report offers a practical set of guidelines for the careful evaluation of routine allergy tests of children with a suspected allergic reaction to vaccine. When necessary, further immunization should be given under strict medical surveillance to ensure successful completion of the vaccination schedule. The development and implementation of these types of guidelines should help to allay parental concerns and promote confidence in immunization. □