

## Resuscitation & anaphylaxis

**Anaphylaxis following YF vaccination is a rare, yet severe, allergic reaction to either egg protein or another vaccine component**

Anaphylaxis following YF vaccination is a severe allergic reaction. Reactions are most likely due to the presence of egg protein in the vaccine; although individuals may be sensitive to other vaccine components [1]. Anaphylaxis following yellow fever vaccination has been estimated to occur at an incidence of 1.3 cases/100,000 doses distributed (US data) [2].

YF vaccination centres must be prepared to manage immediate anaphylaxis. The Resuscitation Council (UK) publishes life support and anaphylaxis guidance specific to adult, new-born and paediatric populations. They are an essential resource for all health professionals involved in immunisation.

Guidance on basic and advanced life support, including guidelines for the use of Automated External Defibrillators can be found here: [Resuscitation Council \(UK\): Resuscitation Guidelines](#)

Guidance on the recognition and treatment of an anaphylactic reaction, including the delivery of drugs for treatment can be found here: [Resuscitation Council \(UK\): Emergency treatment of anaphylactic reactions: Guidelines for healthcare providers](#)

## REFERENCES

1. [UK Health Security Agency. Immunisation against infectious disease. Ch 35 Yellow fever. Updated January 2020 \[Accessed 29 March 2023\]](#)
2. [Lindsey NP, Rabe IB, Miller ER et al. Adverse event reports following yellow fever vaccination, 2007-13. J. Trav Med. Jul 4 2016;23 \(5\) \[Accessed 29 March 2023\]](#)