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BACKGROUND

Despite the clear evidence on vaccine safety and efficacy of COVID-19 vaccines, misinformation remains rampant across online platforms.

In addition to the dissemination of misinformation online, documented reports of allergic reactions to COVID-19 vaccines may contribute to decreased vaccine confidence among the general population.

We aimed to conduct a living scoping review of peer-reviewed and grey literature on COVID-19 vaccine hesitancy and allergic reactions.

METHODS

Protocol: The protocol for this review is published in *Asthma*, Allergy and Clinical Immunology and registered with Open Science Framework.

Guided by Arksey and O'Malley's framework for methodological reviews, we searched four scientific databases (MEDLINE, Embase, PsycINFO, CINAHL) using a search strategy developed by content and methodological experts.

No restrictions were applied on the type of COVID-19 vaccine, country of study, and language of publication.

Grey literature searches were restricted to 10 languages.

English	French	Spanish	Swedish	
Filipino	Hebrew	Bosnian	Croatian	

The study population included patients of all ages.



Literature searches and screening were independently performed by two reviewers.

The search was reported according to the Preferred Reporting Items for Systematic reviews and Meta-Analyses extension for Scoping Reviews (PRISMA-ScR).

vACcine COnfidence amongst those living with alleRgy during the coviD pandemic (ACCORD): a scoping review

RESULTS

German Serbian

60 studies included

Data suggests low incidence of allergic reactions to COVID-19 vaccines across the board.

However, the literature also notes allergic reaction to the COVID-19 vaccine as a common fear, resulting in significant vaccine hesitancy.

Taken together, the literature suggests that few people are likely to have a severe allergic reaction to any COVID-19 vaccine, and that allergists often advise patients to seek out vaccination, despite significant reservations held by the public.

3 major themes identified



COVID-19 vaccine to allergy

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