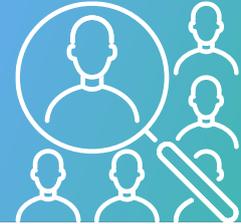


DARWIN EU® study

Is there a risk of suicidality after taking the antibiotic doxycycline



Why is this study needed?

Doxycycline is a broad-spectrum antibiotic, widely used to treat bacterial infections. It can be used for treatment of moderate or severe acne.

Based on spontaneous case reports, recent concerns have been raised about its side effects, particularly suicidality, but the data have been limited.



How were the results used?

The study helped PRAC assess whether doxycycline might be linked to suicidal thoughts or behaviour. The committee concluded that the current evidence is not sufficient to establish a causal relationship between doxycycline and the risk of suicidality.



How was this conducted?

The [study](#) generated more information to understand if the medicine is linked to an increased risk of suicidality. It looked at people who started taking doxycycline and compared their risk to people taking other medicines for treating acne or infections. It also considered the different health conditions the medicine is used to treat. Data from 3 European countries were analysed.



Why do these results matter?

The study helped alleviate safety concerns and reassured patients using the medicine. This is important as the medicine is commonly used to treat acne, urinary tract and respiratory infections.

More information



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