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A app which can diagnose Rare diseases from a child's facial features!?💪(04/13/2022)

I was reading Wired.jp's article called ["Medical app applying facial recognition technology finds rare diseases from "children's facial features"](). Thank you very much.😊This article is an introduction to a medical app that can diagnose rare hereditary diseases found in children using a facial recognition technology. The following are quotes from this article:

> In February 2010, an improved algorithm was added to the [Face2Gene]() app to accommodate rarer cases. It is said that it became possible to group and chart photos of patient's face with the same disease. Like [progeria]() discovered by the app in 2019, groups showing similar symptoms are displayed in close proximity.

> After testing a new algorithm, the ability to determine 300 common diseases was inferior to the original version of Face2Gene, but to stably identify more than 800 diseases that wasn't able to be identified until then.

> Hannah Moore, chief genetics counselor at the Greenwood Genetics Center in South Carolina, provides the original

> version of Face2Gene's service when informing patients and their families of the test results and providing information. **She says that the newly added algorithm will help me deal with cases that are particularly difficult in my field of expertise**.

> "**By enabling matching cases with a small number of patients, we may be able to diagnose diseases that are not well known among medical professionals or diseases that are not clinically identified,**" Moore says.

I think it's the great medical app.👏As described above, it would be very good if we were able to deal with unknown diseases early.😄In addition, if it could be applied in the case of an adult face that has changed due to illness or diseases, its scope of application will increase even more.🥺

Ref:
[This App Can Diagnose Rare Diseases From a Child's Face](#)

Keywords: Facial Recognition Technology, Algorithm, Face2Gene, Progeria