

## How the latest Covid-19 variant is shaping the course of the pandemic

### About “Kraken” Covid variant XBB.1.5

A new Covid variant that was first detected last year has quickly become the dominant strain in the US — and picked up a creepy moniker along the way.

Nicknamed the “kraken variant” by some, it surged through the nation and has now been identified in at least 28 other countries, according to the World Health Organization. Is it more dangerous? Does it spread more easily? And how will it affect China’s Covid outbreak? Here are all your questions, answered:

### What is the new variant?

XBB.1.5 is a descendant of the omicron XBB subvariant — which is itself a cross between two earlier strains: BA.2.75 and BA.2.10.1.

The original XBB variant has already caused waves of infection in countries including Singapore and India since the WHO first raised concern about it last October.

### How fast is XBB.1.5 spreading?

While accounting for just 1% of all Covid cases at the start of December, estimates from the US Centers for Disease Control and Prevention show that it surged to become the dominant strain by the end of the month, responsible for about 41% of all infections. In northeastern states, that figure has jumped above 70%.

XBB.1.5 is “the most transmissible sub-variant which has been detected yet,” said WHO’s Covid-19 technical lead, Maria Van Kerkhove, during a press conference on Jan. 4. While only 29 countries have reported cases caused by it, health authorities are warning it could be much more widespread and silently proliferating thanks to a drop-off in testing.

### How dangerous is XBB.1.5?

The WHO said it does not have any data on severity yet, or a clinical picture on its impact. It said that it saw no indication that its severity had changed but that increased transmissibility is always a concern.

“We do expect further waves of infection around the world, but that doesn’t have to translate into further waves of death because our countermeasures continue to work,” said Van Kerkhove, referring to vaccines and treatments.

Virologists agree that the emergence of the new sub-variant does not mean there is a new crisis in the pandemic. New variants are to be expected as the virus continues to spread.

XBB.1.5 is likely to spread globally, but it remains unclear if it will cause its own wave of infections around the world. Current vaccines continue to protect against severe symptoms, hospitalisation and death, the experts say.

## HOW DOES HDI HELP?

HDI Propoelix™ and HDI Naturals™ Clover Honey can help keep the immune system from being easily exposed to harmful viruses or bacteria.

HDI Propoelix™ is a super-extraction of propolis performed using a unique extraction process called Continuous Multi-Stage Countercurrent Extraction (CMCE) technology. It is a proprietary blend of propolis extract containing eight bioactive compounds, including immuno modulatory, antiviral, antibacterial, anti-inflammatory, antioxidant, anti-cancerous, anti-diabetic, and antifungal properties.

HDI Naturals™ Clover Honey is derived from clover flowers grown exclusively in New Zealand with the right weather and climate to produce the best honey. It is high-quality pure honey suitable for consumption by the whole family because it can be a source of energy and a safe sugar substitute for people with diabetes.



### Sources/References:

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## 最新的新冠变种病毒如何影响疫情的进程

### 关于“Kraken”新冠变种病毒XBB.1.5

去年首次发现的一种新冠变种病毒种已迅速成为美国的主要毒株——并在此过程中获得了一个令人毛骨悚然的绰号。

据世界卫生组织称，它被一些人戏称为“海妖变种”，在全国范围内迅速蔓延，目前至少在其他 28 个国家被发现。是不是更危险？它更容易传播吗？它将如何影响中国的新冠肺炎爆发？以下是您所有的问题的答案：

### 什么是最新变种？

XBB.1.5 是 Omicron XBB子变体的后代- -它本身是两个早期菌株的杂交：BA.2.75和BA.2.10.1。

自去年10月世界卫生组织首次对此表示关注以来，最初的XBB变种已经在包括新加坡和印度在内的国家引起了感染浪潮。

### XBB.1.5的传播速度有多快？

虽然在 12 月初仅占有所有新冠病例的 1%，但美国疾病控制和预防中心的估计显示，到月底它激增成为主要毒株，约占所有感染的 41%。在东北部各州，这一数字已跃升至70%以上。

XBB.1.5是“迄今为止发现的传播性最强的新种变体”，世卫组织新冠肺炎技术负责人 Maria Van Kerkhove 在 1 月 4 日的新闻发布会上说。虽然只有 29 个国家报告了由它引起的病例，卫生当局警告说，由于检测的减少，它可能会传播得更广，并悄悄扩散。

### XBB.1.5有多危险？

世界卫生组织表示，目前还没有关于严重程度的任何数据，也没有关于其影响的临床情况。它说，它没有看到任何迹象表明它的严重性已经改变，但增加的传播性始终是一个问题。

Van Kerkhove 在谈到疫苗和治疗时说：“我们确实预计世界各地会出现更多的感染浪潮，但这不一定会转化为更多的死亡浪潮，因为我们的应对措施仍在发挥作用。”

病毒学家一致认为，新种变体的出现并不意味着疫情出现新的危机。随着病毒的继续传播，预计会出现新的变种。

XBB.1.5可能会在全球范围内传播，但它是否会在全球范围内引起自己的感染浪潮尚不清楚。专家说，目前的疫苗可以继续预防严重症状、住院和死亡。

### HDI产品如何帮助您？

HDI Propoelix™ 和首蓿蜂蜜有助于防止免疫系统轻易暴露于有害病毒或细菌。

HDI Propoelix™ 是特级蜂胶精华，采用了独特的提取技术 - 持续多重逆流提取技术 Continuous Multi-Stage Counter-current Extraction (CMCE) technology。由含有 200 毫克蜂胶提取物的天然成分制成，含有八种生物活性化合物，包括免疫调节、抗病毒、抗菌、抗炎、抗氧化、抗癌、抗糖尿病和抗真菌特性。

同时，HDI Naturals™ 首蓿蜂蜜源自纽西兰特有的首蓿花。由于气候适宜，所以可生产出最好的蜂蜜。它是适合全家人食用的优质天然纯蜂蜜，因为它可以作为能量来源和糖尿病患者的安全糖替代品。



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## Quick Recovery from Covid-19 with HDI products

On October 7, 2022, my husband, Irwan started coughing. After a few days, the coughing was then accompanied by fever and aching joints. Swab test result was positive for COVID-19.

Before contracting COVID-19, he has been consume HDI products - Propoelix™, Clover Honey, Pollenergy 520 and Royale Jelly Liquid to maintain his health. And after tested positive, I began to increase the dosage of the products my husband was consuming.

After consuming HDI products and having complete rest, my husband began to recover after the 3rd day with occasional coughing. Swab test turned out to be a faint positive line. On the 5th day his swab test became negative. He felt so energetic and could perform some routine activities. He was also no longer coughing.

## HDI 产品帮助新冠肺炎迅速恢复

2022年10月7日，我的丈夫，Irwan开始咳嗽几天，然后伴随着发烧和关节酸痛。后来我建议他做新冠拭子检测，结果呈阳性。

在患上新冠肺炎之前，他已经经常服用 HDI 产品--Propoelix™、苜蓿蜂蜜、520活力花粉和液状蜂皇乳来维持身体健康。当我知道我的新冠测试呈阳性后，我便开始增加我丈夫服用的产品剂量。

吃了HDI的产品和充分休息后，我的丈夫在第三天就开始好转了，虽然偶尔会伴随着咳嗽，于是他做了拭子测试，结果是一条微弱的阳性线。第5天，他的拭子测试结果为阴性。他感觉精力充沛，可以进行一些日常活动，而且他的咳嗽情况也没有持续了。

**Irwan Sumoharjo**  
43 years old



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## **HDI products gave my mother new life after Covid-19**

In mid-July 2021, my mother was tested positive for COVID-19 and was hospitalized because she had Hepatitis C. After 6 days of treatment in hospital, she was discharged as the doctors considered hers a hopeless case. I tried giving my mother HDI product as I heard it could help to relieve and heal the symptoms of Covid-19. After consuming HDI Propoelix™ for a week, her oxygen saturation returned to normal (98-99) and she regained consciousness. Gradually she started gaining strength and was able to consume porridge. Due to her improvement, I added Royale Jelly Liquid, Clover Honey and Pollenergy 520. She is now stronger than pre-covid days and is able to walk without using wheelchair which she had to before covid.

## **新冠肺炎后HDI 产品赐给我母亲新的生命**

2021年7月中旬，我母亲的新冠检测呈阳性，不仅如此，她还患有丙型肝炎所以必须住院。在医院治疗6天后，医生认为她的病情不乐观所以让她出院。我试着让我母亲服用HDI的产品，因为我听说可以帮助缓解和治愈新冠肺炎的症状。服用HDI Propoelix™一周后，她的氧气饱和度恢复正常（98-99）并开始恢复意识。她的体力也开始增强，可以喝粥了。由于她的改善，我添加了液状蜂皇乳，苜蓿蜂蜜和520活力花粉。在患上新冠肺炎之前必须依靠轮椅，她现在变得更强壮，可以走动并不再需要轮椅了。

**Kok Khi Tjau**  
71 years old

