



Posturite

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COVID update ...and
the real facts!

Topics



- **Update on COVID**
 - What does each test involve?
 - What does each test measure?
 - Vaccinations and current number
- **COVID Tests**
 - PCR, Rapid Antigen, Antibody
- **Testing for travel**
 - What you need and when
- **Testing for work**
 - How, how often and how to manage



About Breathe Assured



- UK Government approved, Covid testing provider, founded and led by hospital doctors.
- Expert logistics supported by UK Wholesales.
- Innovative and robust method developed to provide safe and convenient supervised testing.
- Constant research and market intelligence ensures we are always anticipating changes to local and international guidance, allowing us to provide the most accurate and reliable solutions in line with government requirements.
- Fully UKAS / ISO / GDPR accredited and provide UK, EU and US recognised rapid antigen lateral flow tests.
- Full Covid testing insurance



Market experience



Care home testing

- providing tests, training, support and data management to allow testing of care home visitors

Hospitality and community

- face to face testing of pub customers and general community to allow safer social mixing at events

Olympic sports teams

- online testing to support winter Olympic teams in training and events

Media experience

- Online testing for production companies, inc actors and production teams
- Short notice / large teams in small time-frame, flexible and dealing with celebs

Travel testing

- One of first UK Government approved companies, over a year experience
- Chosen partner for British Airways



Breathe Assured

MEDICAL EXPERTISE



Dr Tim Chesser MB BS FRCS

Consultant Surgeon, NHS

Clinical academic

Past president, Orthopaedic Trauma Society

Written government guidance on systems of care / national audit standards

NICE clinical guidelines / quality standards committee

Designed and developed medical devices for major worldwide medical implant companies in collaboration with US colleagues.

Educational lead for major European Medical Device Company



Medical Director

Breathe Assured

MEDICAL EXPERTISE



Dr Sally Norton MB ChB MD FRCS

Consultant Surgeon, NHS

Medical Director, Vavista Insurance

Past Medical Director, Vavista Corporate Wellness

Past Council, International and British Obesity and Metabolic Surgery Societies

Written UK medical guidelines and quality standards

Regular contributor to national and international media on healthcare issues

Online medical educational tools / app development



Medical Adviser

COVID Update



In UK, double vaccines aren't providing the long-lasting immunity we hoped for.

In Europe, things are locking down again.

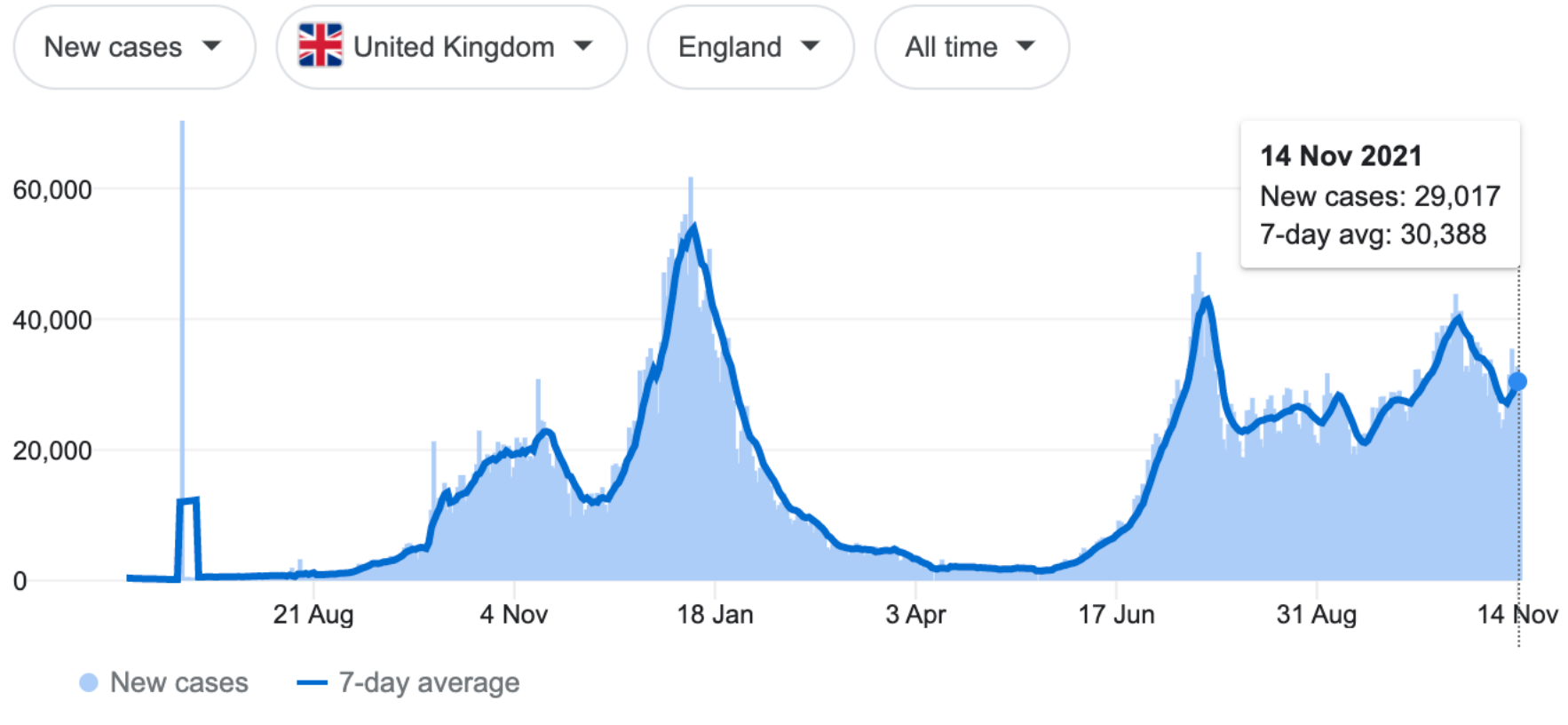
Risk of another variant

- greater circulating virus
- more socialising
- more travel
- winter means more aerosol transmission

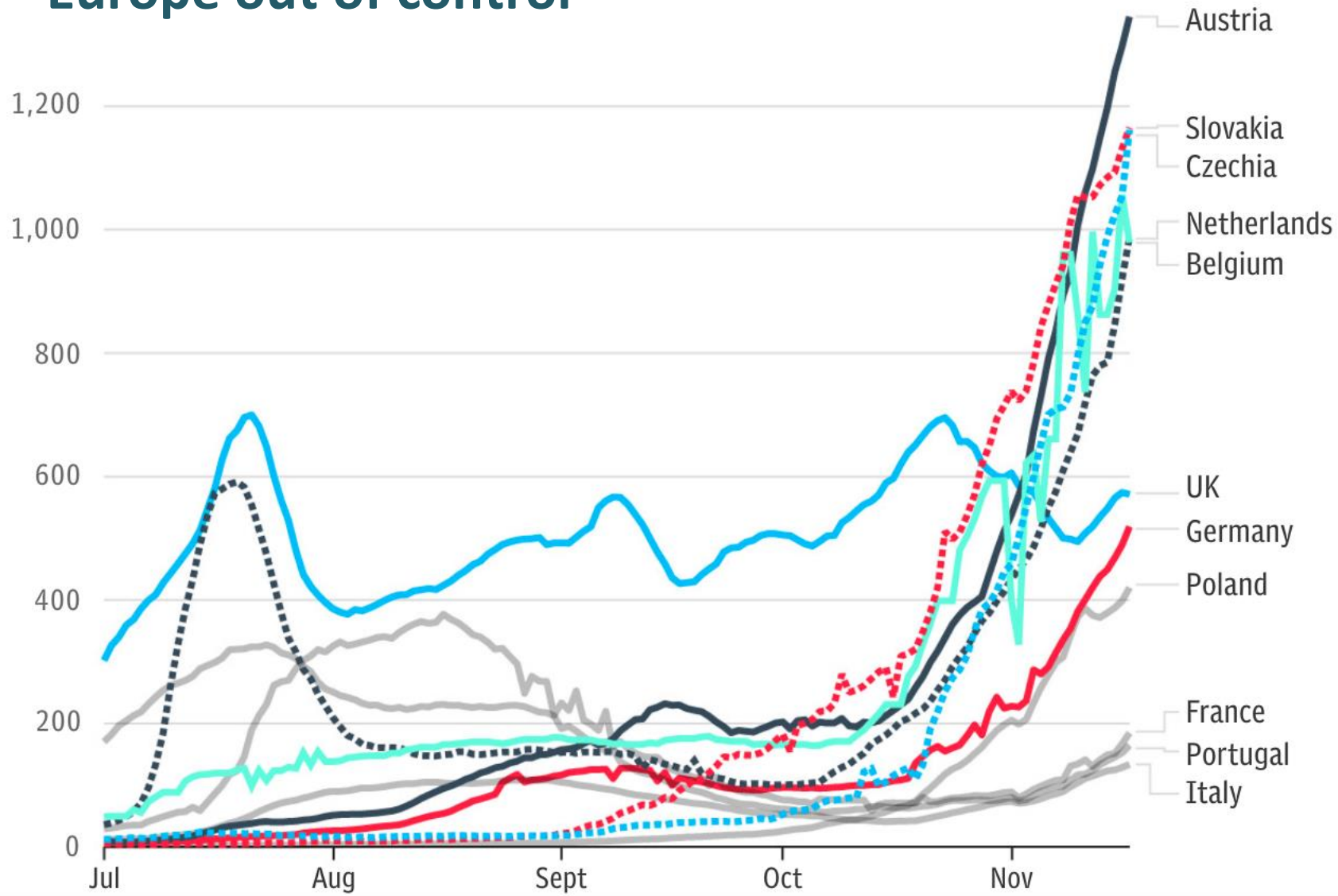
Flu is adding to problem, hospitals are filling up again.



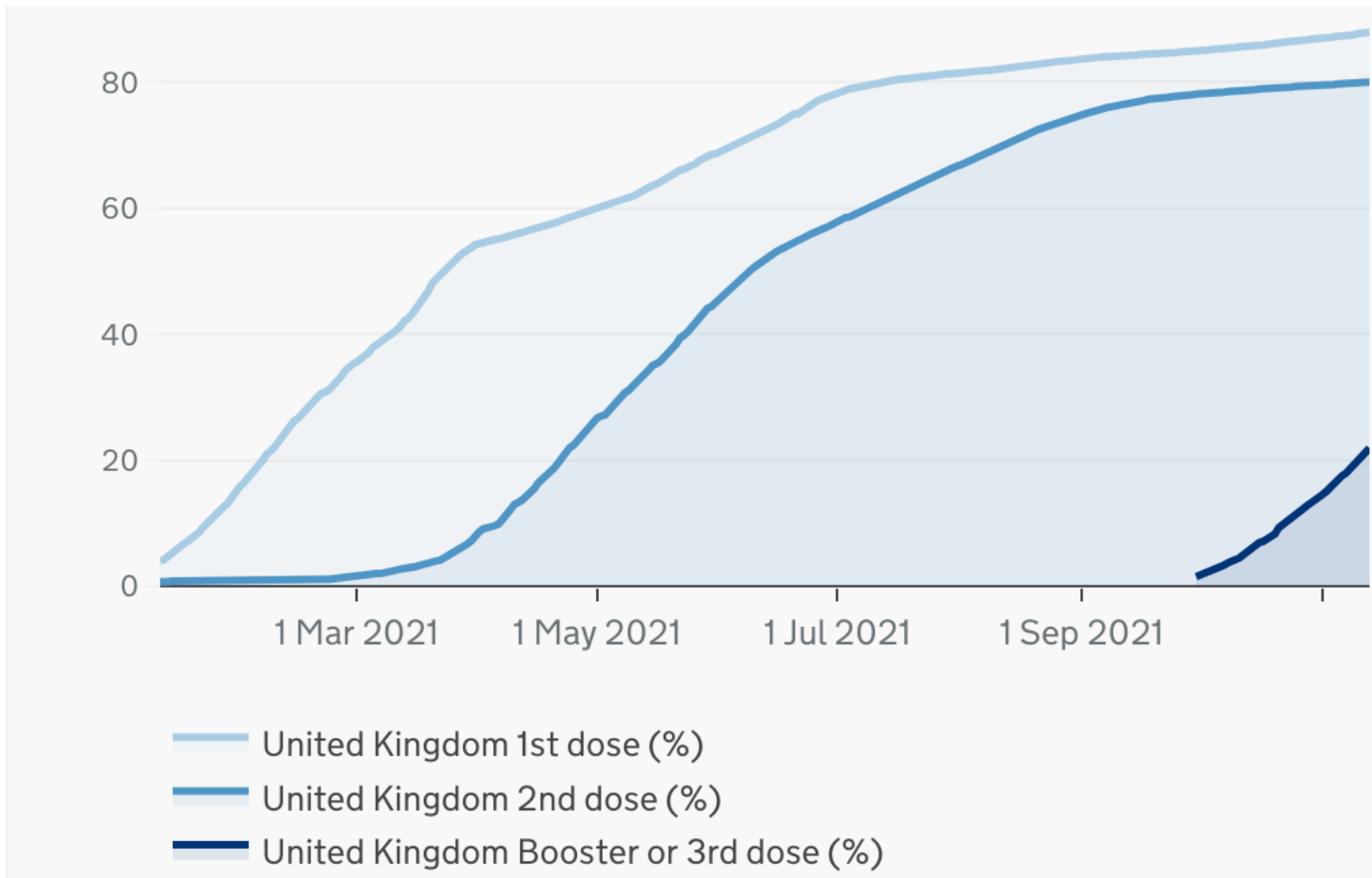
UK rates still high



Europe out of control



Vaccination uptake UK



88% 1st dose

80% 2nd dose

21% 3rd dose

Vaccination Benefits



If get covid after double vax

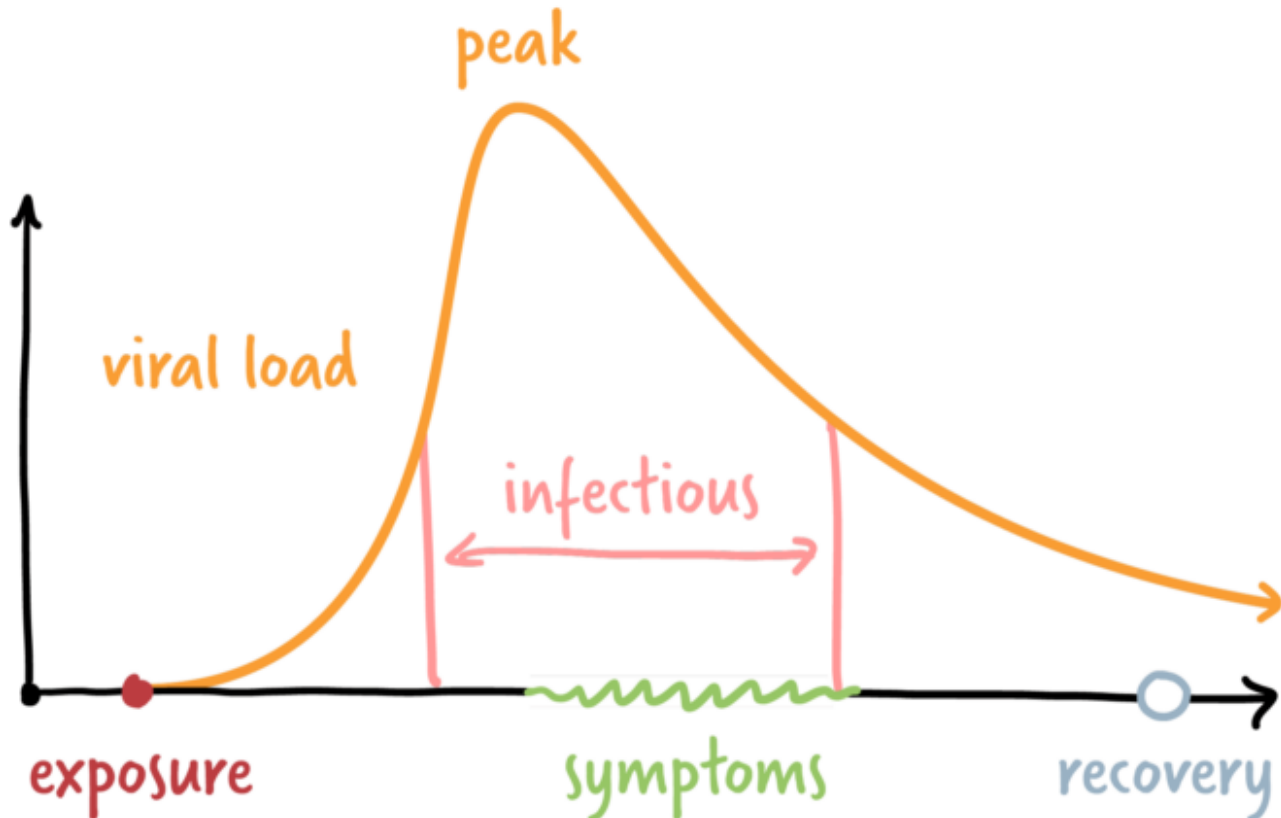
- 63% less likely to spread
- Hospital admission risk >76%
- Risk of long covid half
- Risk of death is in hospital 4%

Double Vaccination




- effective in >80% in short term (56% with one dose)
- Immunity wanes after 3 months
- Advised to have booster after 6 months

What COVID test?

PCR ? RAT? LFD? ANTIGEN? AB? ANTIBODY? NEUTRALISING?



What COVID test?

PCR TEST	ANTIGEN TEST	ANTIBODY TEST
		
SARS CoV2 virus	SARS CoV2 virus	IgG /IgM
Nose & throat swab	Nose swab	Blood sample (finger prick)
Sent to lab 48 hrs	15 mins on lat flow	Lateral flow or lab
Unable to differentiate between acute and old infection	High viral load	Shows response to infection or vaccine
Can be +ve for 90 days	95% sensitive if adequate sampling	New neutralizing abs are to spike protein

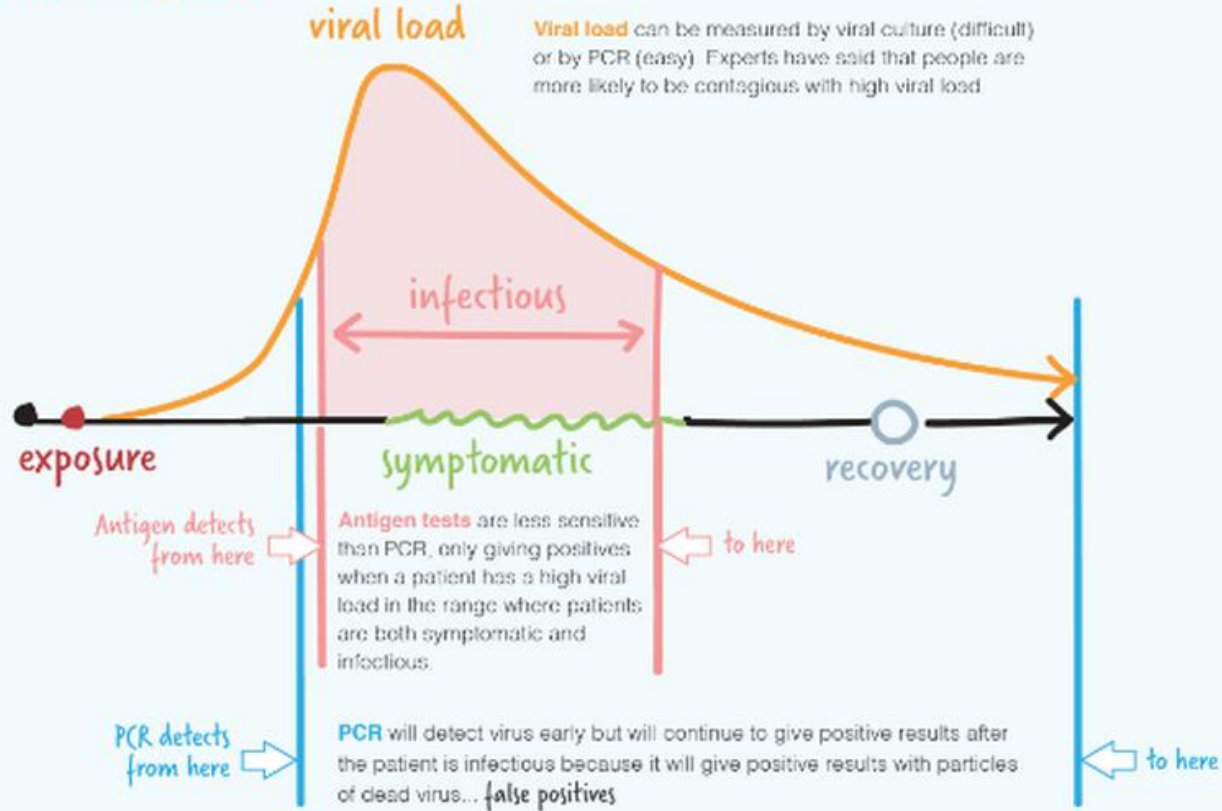




Any viral particle	SARS CoV2 virus	IgG /IgM
Takes a long time	immediate	Shows body response
Can be positive but not infective	Sensitive if adequate sampling	Wait >2 weeks after infection or vaccine
Can perform genomic screening	+ve means infectious	Neutralising abs may indicate immunity at time
expensive	cheap	Abs don't last hence need for boosters



Infection Progress

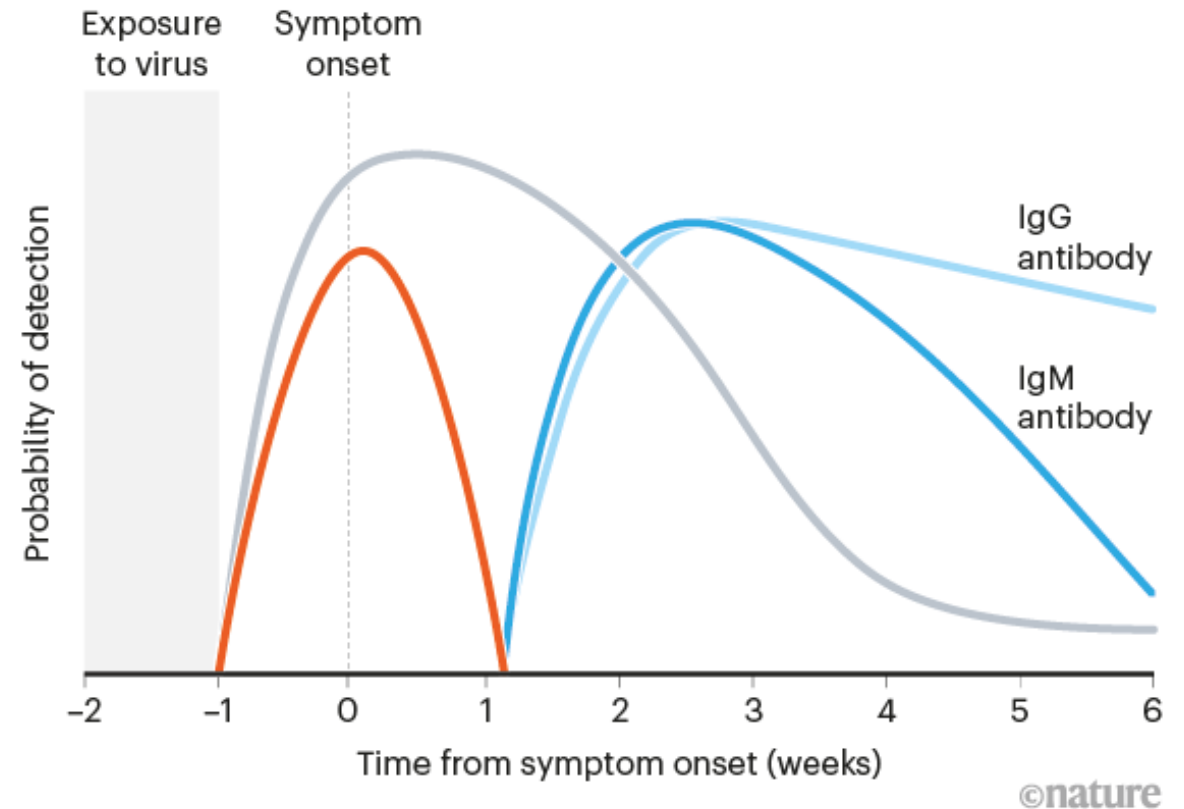


Why Rapid Antigen Tests?

- Positive when person is most infectious
- Reliable results in 15 minutes (around 95% accuracy)
- No lab needed (Point Of Care Tests)
- Dependent on technique

(50% sensitive with self swab and 95% supervised)

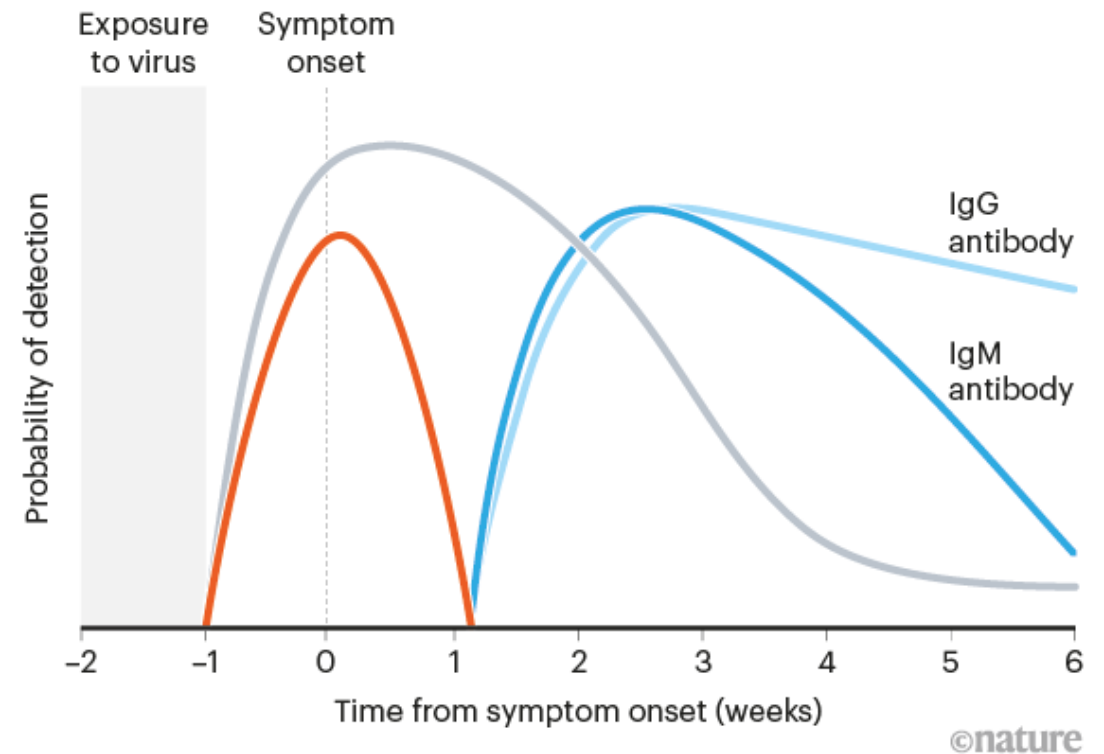
— **Rapid antigen tests** detect the presence of viral proteins and can return positive results when a person is most infectious.



Comparison with PCR?

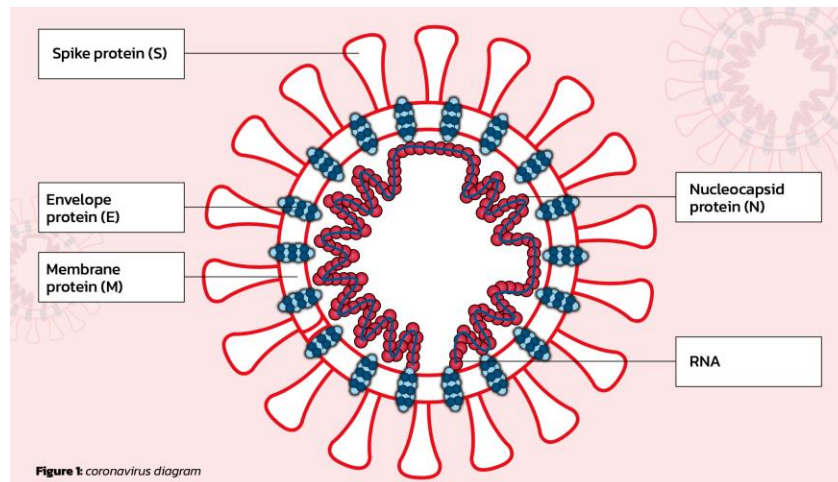
- PCR more sensitive
- Can be positive for 90 days
- But viral culture rarely positive beyond 9 days
- More expensive / takes longer

— **PCR-based tests** can detect small amounts of viral genetic material, so a test can be positive long after a person stops being infectious.

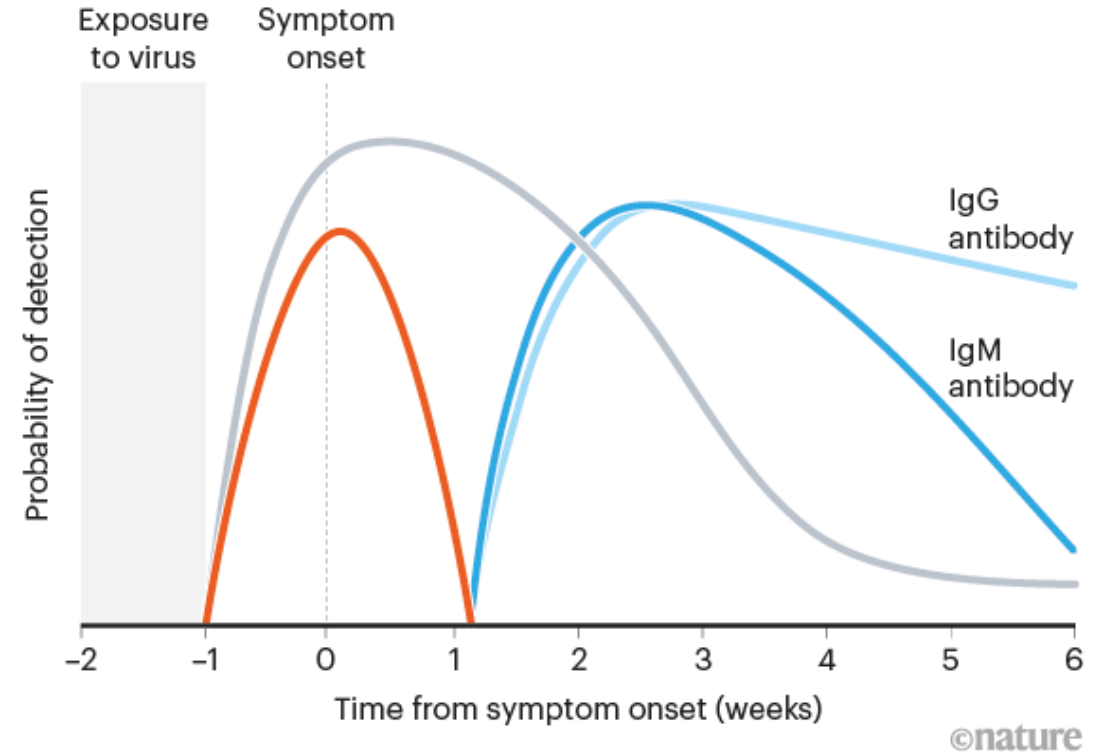


Antibody Tests?

- Antibody tests detect prior infection or response to vaccination
- Requires blood sample
- Newer neutralising antibodies to spike protein (which attacked the human cell)



— **Antibody tests** detect the body's immune response to the virus and are not effective at the earliest phase of infection.





Travel Solutions

No clinics, no queues, no stress

Why Choose Breathe Assured For Travel?



Led by **doctors** with frontline experience in Covid-19 Testing



Over **12 months** of travel testing experience. Over **250,000** travellers tested.



Rapidly **adaptable** to changing regulations



Trusted partner of top companies...



Travel Tests – latest regulations



Fit to Fly

- For vaccinated to USA, Italy, Croatia, Netherlands
- Rapid antigens or PCRS

Day 2

- Rapid Antigen Lateral Flow Tests, (and PCRs if required)

USA

- Rapid antigens, complex regulations



Breathe Assured Travel Tests



Supervised

Fit to Fly

- For vaccinated to USA, Italy, Croatia, Netherlands
- ✓ All tests fully supervised by specialist nurses, for optimal safety, and to fulfil UK, US and EU regulations
- ✓ Internationally accepted certificates provided immediately
- ✓ 7 days a week support line

Photo Upload and nurse checked

Day 2

- Rapid Antigen Lateral Flow Tests, and PCRs if required



How supervised rapid antigen testing works

1



Pick up test from office or order a test and book an online session.

2



Conduct test under full supervision of our specialist nurses.

- ID Verification
- Shortly available 24/7
- 20 minute appointments
- All data fully secure - GDPR, HIPAA and ICO-compliant

3



Test result received in 15 minutes. Instant certificate with QR code issued.

4



Wheels Up!

Our innovative
online testing
service uses no PPE

– a small bonus for the planet



Travel test result - explanation and guidance

- Nurse specialist is present throughout whole testing procedure until result is verified and certificate received.
- For the occasional inconclusive or positive result, this provides valued reassurance and expert advice to the customer, in a stressful situation.



Link to Apps



Customer support



We reassure and guide our customers – giving them confidence from our years of medical practice

- Customer helpline 7 days a week, 24 hours a day
- Specialist nurse and doctor response to all email queries within 3 hours (majority within 1 hours)
- Guaranteed appointment slots at 48 hours notice
- > 95% 5 Star reviews on TrustPilot, 4.7/5 on google reviews



Breathe Assured

Reviews 3,797 • Excellent



4.9 ⓘ

Day 2 tests

- Complex as need to report sales to UKHSA daily
- Need URN before getting on plane to UK
- Legal requirement to report
- Can be performed anytime from arrival to end of second day

Options for Posturite Customers

1. Book through branded company page for larger customers
2. Book through Breathe Assured / Posturite page using voucher codes if tests already supplied
3. Use dedicated voucher codes (can either be free or reduced), from main Breathe Assured site if we need to fulfill and deliver tests

Breathe Assured Welcomes

Posturite Customers

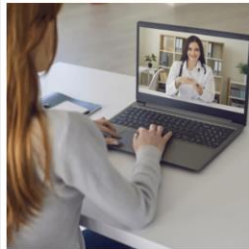
Breathe Assured is a UKAS accredited, Government recognised private, Covid-19 testing provider, founded by doctors and international pharmaceutical executives. Our years of experience combine to create a unique and robust method to provide you with testing in the safest, most convenient way possible.

Travel Test Options

Posturite has partnered with Breathe Assured to provide you with an easy way to upgrade your at-home Rapid Antigen test to a travel test that meets your requirement.

Simply add the product to your cart and checkout to receive your URN number and book your travel test with a Breathe Assured specialist nurse.

Nurse-Supervised Pre-departure Rapid Antigen Test



Convert your at-home test kit to a Nurse-supervised Pre-departure Test

Suitable for Fit-to-fly to countries accepted Rapid Antigen Tests including the US.

[Convert Test](#)

Video-Upload Pre-departure Rapid Antigen Test



Convert your at-home test kit to a Video-upload Pre-departure Test

Suitable for Fit-to-fly to countries accepted Rapid Antigen Tests.

[Convert Test](#)

Photo-Upload Day 2 Rapid Antigen Test



Convert your at-home test kit to a Photo-upload Day 2 Rapid Antigen Test

Only suitable for vaccinated travellers.

[Convert Test](#)

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0203 677 0009

Help

[Frequently Asked Questions](#)
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Using voucher codes specific to companies

Measuring use / Data Compliance

- Each nurse booking or photo upload we charge Posturite
- Measure by the specific voucher codes, and they will be consented to supply name if using corporate code
- All data which we have to legally collected for PHE reporting, on secure (GDPR and HIPAA) server
- Daily reporting to PHE of sales and results
- Weekly/ monthly reporting to Posturite / Companies



Workplace Solutions

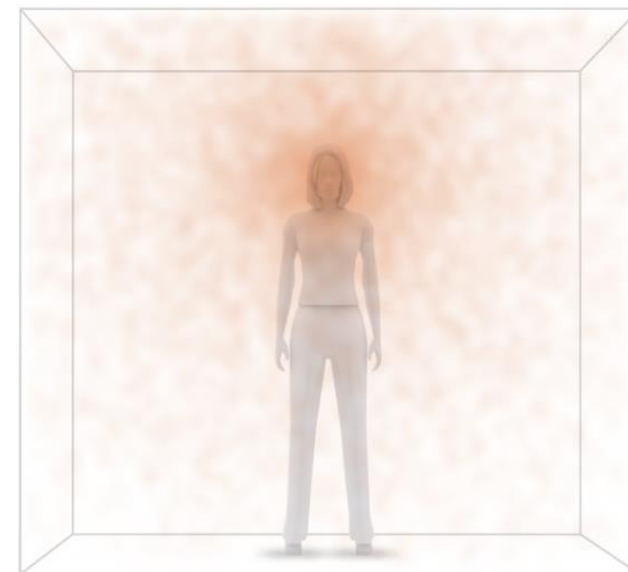
Helping to keep your employees
and your business safe

DROPLET SPREAD – Social distancing and masks

AEROSOL TRANSMISSION - Ventilation



15 mins



60 mins

Government guidelines



- Voluntary, recommended 2 x week
- DIY / private provider
- Businesses need to:
 - manage safe testing set-up
 - test staff appropriately
 - manage data appropriately
 - report results to Public Health England



Poorly done – low accuracy

Mis-reported.....are they really positive??

Mis-reported.....are they really negative??



Do you want to take that risk???



Breathe Assured Workplace Testing



- Bespoke and adaptable
- High quality and cost-effective
- Minimal disruption to your business
- Simple and seamless technology for employers and employees
- Future-proof, using new methodologies as they are released



ONLINE COVID TESTING



Accurate

Verified result

Done at home via tele-health link

- No need for testing site
- No disruption to working day
- No infection risk
- No PPE

Data collection

Upload to Public Health England



REPEATED TESTING with safety checks

Initial online nurse supervision

Then

video upload testing (checked by nurses)

Corporate platform





Simple
and
seamless
technology



KEY FEATURES OF THE CORPORATE TESTING SYSTEM



Unique Dashboard,
customise with your
logos & colours

Management system
provided with varying
levels of access to
separate data shared
between departments

Simple, user friendly
interface - streamlining
the testing process

Platform to record tests



Bespoke and adaptable



Antigen, antibody and flu tests available

Testing programme to suit the needs of your company and departments

Will be adapted to suit changing regulations

Can upscale or downscale testing requirements as required by infection rates

We can support your HR team in providing a Covid management strategy that suits your needs

Neutralising antibodies

- Finger prick point of care test
- Follows body response to infection or vaccine
- May indicate immunity

The image shows the packaging for the BioSURE COVID-19 IgG Antibody Self Test. The box is white with green and blue accents. It features the BioSURE logo, the text "BioSURE COVID-19", "IgG Antibody", and "Self Test". There are three circular icons illustrating the test procedure: a hand being pricked, a drop of blood being placed on a test strip, and the test strip being inserted into a device. The text "#KnowYourStatus in minutes" and "No Labs. No Waiting." is visible on the box. The background of the advertisement is a gradient of blue and green waves.

Know your neutralising antibody status in just 20 minutes.

Available Now
breatheassured.com

#KnowYourStatus
#BeBioSure

 THE QUEEN'S AWARDS FOR ENTERPRISE



Long Covid



Affecting 5- 20% after Covid

No clear diagnosis possible and can persist for many months

Symptoms overlap with common workplace illnesses such as headache, fatigue and anxiety

May be classified as a disability

- Physical or mental impairment that has a 'substantial and long-term' negative effect on a person's ability to do normal day-to-day activities'
- Long-term - has lasted or will last for at least 12 months, can come and go or is likely to last for the rest of the person's life

ACAS already provides further information for employers and employees on working with long Covid



BY PROVIDING STAFF WITH APPROPRIATE SUPPORT AND PROTECTION, EMPLOYERS CAN REDUCE LONG-TERM OR REPEATED ABSENCES OR POTENTIAL LIABILITY

Future-proof your Covid strategy



- Breathe Assured monitors emerging techniques and technologies to incorporate into testing schedules.
- Newer neutralising antibody tests assess levels of antibodies that specifically target the Covid spike protein – a better estimate of likely immunity after infection or vaccination
- We can also help you tackle the issues that increase Covid risk – obesity, diabetes and high blood pressure
- Mitigate the financial and HR consequences of long Covid by keeping your staff as safe as possible

Reduce further disruption by staying a step ahead



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COVID Testing Solutions

November 2021



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