

IMPACT MATTERS: RESPONDING TO COVID 19

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OUTBREAKS

are certain

Identify and test therapeutics

requires RAPID research capacity

used to report on

a cohort of patients

infected with virus in

Wuhan, China

2011 - Establishment of the International Severe Acute Respiratory and Emerging Infections Consortium ISARIC

"to prevent illness and deaths from injectious disease outbreaks"

Now includes 52 networks representing 132 countries CHARACTERIZATION PROTOCOL

• Who is affected? What does Why are the disease People look like? dying?

Developed Tools >

What disease?

What impact on society?

Develop mass diagnostics?

The Clinical Characterization Protocol

wacterization in

Data indicated this was a severe illness Used in the UK to measure research impact

responding to Covid 19

Hospital acquired Covid-19
 data confirmed patients were catching
 covid after admission

BUT reticence to publish (undermine NHS?)

morale?

Critical enabler of work by others

It also informed tests used

but will not be cited ...

by Test and Trace



depending on facilities)

Protocol involves

different levels

of contribution

UK data informed Government Planning - SAGE

Feb 2020

Data gathered from 303,251 Patients (348 sites) as of Feb 2022

Hubs where clinical data were co-ordinated

Material RAPIDLY distributed to the BEST Scientists who could do the BEST research in time to make a difference

How does a study like this demonstrate IMPACT?

• 119 papers

-7643 citations

data provided to 102 investigator groups

23000 samples shared

· Trust equity - NHS, HEIS

Embedded in Policy advisory groups



Impact for REF predicated on Publications?

This Work has informed public health activity but may not be included in Scientific literature...

(56)

Altmetrics

Citations

"measure" differently
on Impact...

Material to validate the AZ vaccine...

Dame Professor Sarah Gilbert's Lancet publication
1878 citations ~ 13 policy documents

Saved millions of lives Can we claim

Samples to develop diagnostic assays

Covid symptoms in Children
 Informed vaccine priortisation policy
 ond policy on reopening schools



2355 Citations

this output?

27 citations

LIVERPOOL

Making an Impact 2022

THE ACADEMY Developing Liverpool











Control Control (1977)