Preventing COVID-19 Behaviour change

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Behaviour change

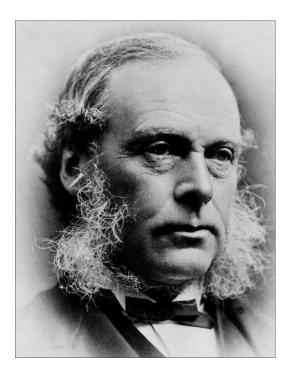


Covid may be with us for a long time

• Shift from virology and infectious disease to behaviour change

Changing behavior is complex and difficult





668 THE LANGER. 1 ON THE ANTISEPTIC SYSTEM OF TREATMENT IN SURGERY.

as frequently called upon to urce means of cure at home as to others point out a place of residence at a distance. This, however, en parenthèse. The object of these remarks is to enforce the usity of examining into the history of disease as it exhibits itself in different localities. Whether there be a vary-ing type of disease at different ages of man, it is not my preagent purpose to discuss; but there is no doubt that the type of discase varies much in different localities. Dr. Chambers' has recently shown convincingly that the Italian climate is characterised by stimulating properties which influence the form and duration and symptoms of disease occurring among Italians. Disease in Italy is essentially acute; so that chronic diseases, comparatively seldom originate there. A distinguished Italian physician, Dr. Pantaleoni, who knows England and France, told Dr. Chambers "that of Italian patients he had ninetyfive to five chronic, and those latter chiefly hysterical and neu-ralgie; whereas, as he justly said, in the case-books of London physicians the proportions might be inverted without being have for several years been employed by many surgeons. But far wrong." If we wish for a climate almost antipodal to that the full extent of the evil, and the paramount importance of Italy, we find it in the Channel islands, and especially in adopting effectual measures against it, are far from being gene-Guernsey. Here there is a remarkable absence of acute dis-case. The remarks of Dr. Hooper† with regard to Jersey, endorsed by Sir James Clark, are to the effect that the most mon. Intermittent levers are said to be rare; remittent levers are common. Phthisis is said not to be frequent; inflammatory diseases are not of acute character, and the natives do not bear bleeding well. If we turn to the account given by Dr. Hoskins of the sanitary condition of Guernsey, we meet an acute usescess unterstanding the provided and account of the prevalent provided and the prevalent p tary Eldorado, and the only fault to be found with it was that the islanders were too well off.

she occidence of travel, is all they require. Horsee was very
hypocheodrical whea le swrede: "Cedein, no minum, mutant
gui trass mare currant." It is simply creal if we have no
better grounds for sending our patients alread than to give
them change; and at the present time we are, on account of
the prevalent tendency (six took almost a small 5) for travel,
first dispersions I have received by personal examination, and comfirmed by some inquiry into the selectific desicuted.

ILLUSTRATIONS

ANTISEPTIC SYSTEM OF TREATMENT IN

By JOSEPH LISTER, F.R.S.,

PROPESSOR OF SURGERY IN THE UNIVERSITY OF GLASGOT

DECOMPOSITION OF putrefaction has long been known to be a source of great mischief in surgery, and antiseptic applications have for several years been employed by many surgeons. But rally recognised.

It is now six years since I first publicly taught in the University of Glasgow that the occurrence of suppuration prevalent disease is circuit rheumatism; dyspepsia, diseased of the liver, and dropsy are also prevalent. Scrottula is common. Intermittent fevers are said to be rare; remittent fevers it innance on a healthy granulating sore treated with waterdressing, are determined simply by the influence of decomposing organic matter. The subject has since received a large share of my attention, resulting in the system of treatment with a very similar state of things. Severe acute disease is which I have been engaged for the last three years in elaboall scute discusses of the serous membranes or parenchymatous

ary Eldorado, and the only fault to be found with it was that the islanders were too well off.

The cases in which this treatment is most signally beneficial are divisible into three great classes—nicised wounds, of what-From the brief summary of the meteorological conditions of ever form; contused or lacerated wounds, including compound ever form; contained or acceptance would be a fine the standary relations, we appear to be justified in concluding that patients suffering from a general irritative constitution, irritable uncours membranes of the air-passages, of the stomach or intestinal canal, are likely to benefit much by a transference, including a poissoning influence of petrid intestinal canal, are likely to benefit much by a transference, including a poissoning influence of petrid. especially during the winter, to the climate of the Channel islands, and ker '&cyfe, Geernsey. Oil people and children who theory," which supplies us with a knowledge of the nature and are unable to face the bleaker winds and colder temperature of habits of the subtle foce we have to contend with; and without more northern latitudes or continental countries of the same, or even more southerly latitudes, are likely to find here a must be of frequent occurrence. The facts upon which it is of even more southerny lautitones, are likely to had been a climate slapshed to their constitutions—a climate to afford the most of the constitution of the climate slapshed by the constitution of the climate slapshed by the constitution of the climate slapshed by the constitution of the climate slapshed previously mentioned it would prove southing and restorative. Our friends and patients who return to their native land from India or Australia, or orther tropics of antipulsi regions, would here find a transition of constitution of the const orther topical or antipolal regions, would here find a transition of orther topical or antipolal regions, would here find a transition of the properties of - Some lifered the Clusted of the advantages of more dis
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 Handwashing in a hospital is vital and (relatively) easy

YET

 Many hospitals are unable get their hand-washing rates above 50%

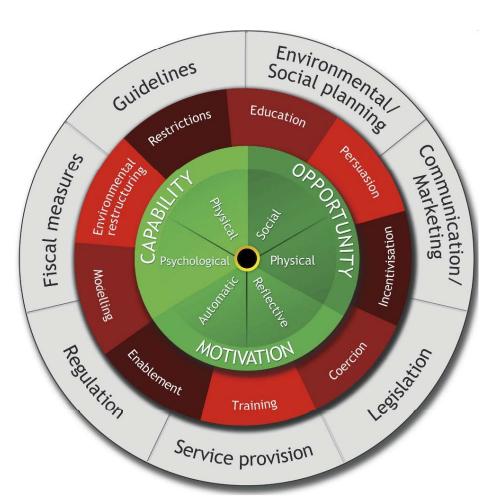
Behaviour change wheel



 People must be able to undertake the behaviour – without soap and water there is no washing of hands

2. Environment has to facilitate the required behaviour – self isolation in a one roomed shack shared by 6 people is impossible

3. People must be confident that they can make the required changes – sense of agency and self-efficacy in the world



Thinking fast and thinking slow



- Daniel Kahneman two-system theory for how people process information
- System 1 Thinking Fast: processing is automatic, fast and highly susceptible to influences from the environment
- System 2 Thinking Slow: processing is more reflective, much slower and takes into account goals and intentions
- Hoarding of masks example
- When people feel scared and helpless they may well respond with defensiveness or anger

Enabling environments

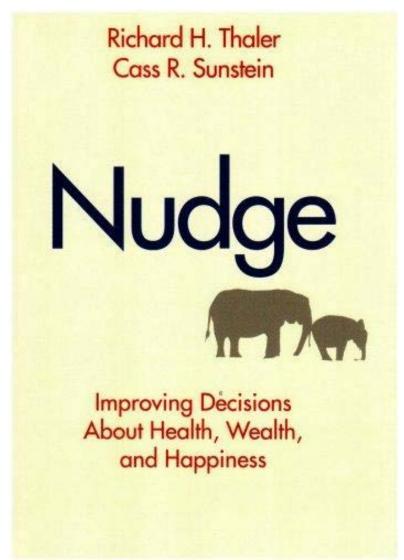


Nudging redesigning environments

Modifying choice architecture

 Assists in aligning people's immediate choices with rational choices

Not punitive or legislative



Information is not enough



Knowledge Attitude Behaviour

Passive social media messages discouraged

- Social media messages work best when:
 - rich in information
 - sent at times where uptake is most likely
 - some active engagement between those sending and receiving messages is possible

Trust and community engagement



Lesson from Ebola – public involvement in decision-making

 Local leaders, faith and civic society leaders involved adherence will improve

 Singapore govt in SARS - transparent rational - fully acknowledged uncertainty - thus allowing policy shifts

Coercion



People are averse to penalties

Punishment does not work

 As force and coercion goes up – breach in trust – and you lose the most valuable asset there is – co-operation

What do to



- Community health workers
 - door to door to hand out masks
 - educate households about hand washing
 - problem solve ways to protect elderly family members
- Coronavirus picture throughout public toilets to encourage hand washing

Alcohol-based hand sanitizers where they are visible

Markers on the floor to assist with social distancing