

## PROPOSAL document SHIELD PROTOCOL

Corona COVIX-19 , april 2020 door *Leo Regeer*

### The **SHIELD** model Regeer ©

**S** Sophisticated

5 **H** Healthy

**I** Intelligent

**E** Ending

**L** Limit

**D** Disease-escalation(s)

10

See the separate Opinion document SHIELD model for all explanations, descriptions and accountability of the author Leo Regeer. Both documents, Opinion and Proposal Protocol cannot be assessed separately.

15 See phase 3 in this protocol as measures that the world can best implement today in the current situation of COVID-19 outbreak, April 2020

## The SHIELD model Regeer ©

Objective: \* To curb the epidemic in any country as much as possible  
20 and to prevent it as much as possible from developing as a pandemic  
for all countries.

- All preventive measures aim to respect and maintain human dignity in all its four dimensions as much as possible.
- 25 • All preventive measures should cause as little harmful social and economic consequences as possible to any country or all countries in the world.
- All countries in the world show solidarity and actually support each other during this period.
- 30 • All phases in any country are mandated and compulsorily executed by SHIELD, government of own country supervises, surveillances AND enforces (with sanctions). INFORMATION PROVIDED: SHIELD INSTITUTE PROVIDED INFORMATION BASED ON PERCENTAGES (NO ABSOLUTE FIGURES)
- 35 • PERCENTAGES % INCREASING OR % DECREASING OR NEUTRAL

40 Phase 0 Preparation for future epidemic / pandemic

1) Creation of a new international SHIELD institute based on criteria:

• Full authority, thus with mandate from all countries, to be able to act obligatory during an epidemic in one country or several countries and during a pandemic in all countries of the world. Measures imposed during the epidemic / pandemic are required to be implemented by  
45 all political leaders, only in the area of - and for the duration of the epidemic / pandemic

• Completely independent of politics, pharmacy, economics and the medical world

• Small-scale international institute consists of a group of experts representing the following disciplines:

Epidemic / pandemic experts, microbiologists, psychology / psychiatry, demography,  
50 philosophy / ethics, doctors / nurses, research and other relevant disciplines

• Depending on the time context, disciplines can participate alternately.

2) Create new upgrade criteria & definitions for:

National health risk, epidemic, international health risk, outbreak, pandemic etc.

3) Determine technology for detection, measurement and registration

55 Determine how geographical, medical and communication apps can be used and prepare that all countries involved have the same Apps and associated measuring equipment.

4) Make an common conceptual framework and common communication plan for all countries

60 5) Each country is upgrading and manufacturing mobile emergency hospitals with sufficient capacity for the near future, developing criteria for how many admission beds and IC beds per population.

# The SHIELD model Regeer © April 2020 by Leo Regeer & 2nd personal outlook COVID-19 document

---

65 • Rich countries provide supplies for poorer countries. The prefab mobile emergency hospitals have a maximum construction time of 1 - 2 weeks in an emergency situation

- Mobile hospital with sufficient capacity and multiple entrances / exits, as well as linked to departments for various risk groups. All patients of epidemic / pandemic are treated here; **the regular health care now counts as backup and NOT as Frontline!**

70 Isolation (plastic / clear polycarbonate) screens and isolation clear polycarbonate work units (at body height) to safely perform interventions on the patient are part of the equipment in addition to all necessary medical equipment.

Locations in the country regionally must be determined in advance.

- In regular health care, each country organizes that 10-20% of hospital staff, especially doctors, nurses and lab technicians, are intensively trained as

75 **MET (Medical Epidemic Taskforce)** in caring for infectious patients during an epidemic and conducting tests in the emergency hospitals

- Each country provides a mobile and well-trained **ET (Epidemic Taskforce)** to build and equip the emergency hospitals regionally and to coordinate and organize the admission & transport of patients if necessary. This ET can be recruited from national experts, military and/or volunteers.

- A national **CET (Communication Epidemic Taskforce)** forms the core group for communicating all SHIELD measures with the people.

Communication scientists are part of the CET.

85

90 -

## Phase 1 **level green**

Preparation for start of epidemic in any country.

### 1) SHIELD institute directly partially limits the country in question

- With the mandate SHIELD checks the borders of the country for entry and exit of persons:  
95 travel only possible with social two arm lengths (1.5 m) distance and no more than 50% of the  
population. Valid for all transport, train, bus, car, ferry, plane, in and outflow of goods will  
continue unhindered. Social distance is immediately introduced across the country, if that is not  
standard! In the event of imminent shortages and direct economic consequences, the country  
100 immediately receives sufficient support / assistance from other countries in the world to  
immediately remedy adverse consequences. The mandate must be performed in the country,  
country itself supervises and controls.
  - People who show symptoms of illness stay at home as well as their family members.
  - With virus: hygiene and frequent washing of hands, with bacterial infection: first  
105 disinfection / alcohol, etc. and then cleaning with warm water and soap, applies  
personally, but also the environment of tables and other surfaces, etc. Specific risk  
groups only in the case of a bacterial epidemic can, after advice, wear a face mask.
  - Immediately collect objective data and provide professional information to all  
countries, not in absolute numbers but in percentages.
  - Immediately conduct **research to develop a standard test**, which can be used to test  
110 persons for the presence of the virus as soon as possible and immediately introduce the  
clear communication plan, method of registration (apps) and measuring instrument

*If an epidemic has started in any country in the world, all other countries in the world  
will start already:*

  - Instruct their citizens to use social distance and only advise people who are ill to stay at  
115 home immediately until the symptoms have disappeared.
  - only make necessary trips to the country concerned
  - carry out a primary check or hold a first exercise with regard to setting up emergency  
hospitals

# The SHIELD model Regeer © April 2020 by Leo Regeer & 2nd personal outlook COVID-19 document

---

- - Phase 2 **level yellow**

120

- - SHIELD makes the results available from the first outbreak, such as the method of data collection, which risk groups have been detected and further possible data.

125

- - ***SHIELD presents the specifically developed test set as the world standard test set in all following countries, as well as all necessary materials and standard laboratory procedures.***

- - SHIELD provides binding advice to countries which target groups need to be tested and when to test

- - SHIELD immediately operates all technical aids for communication, registration and measurements

130

- Preparations if first infections are detected in a following country:

- At the individual level:

- • Hygiene is the key word, the greatest possible careful hygiene is a requirement, such as intensive hand washing at least 3 times a day and after contact with warm water and soap, no touches on the face with bare hands, eyes, nose and mouth are access for the virus.

135

- • Clean bathrooms / toilet areas, surfaces, tables / chairs daily and after contact with warm water and soap.

- • Keep two arm lengths of 1.5 meters from strangers, friends, colleagues and other (older) family members and avoid any physical contact (including no greetings with kisses and / or shaking hands), but this does not apply to contacts in your own family only with partner and / or children.

140

- At the social level:

- - All group meetings, including church visits, concerts, and other events that attract the public: the group meetings reduce the number of visitors so that the 1.5 meter social distance can be applied

145

# The SHIELD model Regeer © April 2020 by Leo Regeer & 2nd personal outlook COVID-19 document

---

- - The same measure for locations that attract the public, check for social distance, such as markets, parks, beaches, forests
- - Provide all companies / shops / offices with instructions on the implementation of "social distance"
- 150 • - Imposing all travel options by train, bus and regional transport, plane, ferries, car also to reduce the travel places, so that 1.5 meters social distance can also be realized directly here
- - If possible, but not more than 50% of working people in varying composition work at home (so part time)
- 155 • - If required: reduce the number of students in schools and other educational institutions, so that the 1.5 meter social distance is also observed here. This means that 50% of students are physically in school and 50% of students attend home education and this at varying groups and periods.
- 160 • - If the epidemic is viral in nature, do not use alcohol / disinfection or mouth masks in social life. If it is a bacterial epidemic, all hygiene measures are carried out after the disinfection / alcohol and it may be considered to wear protective masks for specific target groups only.
- 
- 
- 165 •
- 
- 
- 
- 
- 
- 
- 170 •

# The SHIELD model Regeer © April 2020 by Leo Regeer & 2nd personal outlook COVID-19 document

---

- - Phase 3 **level orange** desired maximum measures

- • Additional measures if first seriously ill and / or fatalities are registered in the country

175

- • All measures up to and including phase 2 will be maintained and expanded as follows:

- • In successive decision rounds, distinct population groups are ordered to go into mandatory home isolation in the order of 1st high risk 2nd average risk and 3rd low risk population group. When the measures are lifted, the order of 3rd low risk, 2nd average risk and 1st high risk is returned to normal social life, recommendation is to make social distance a new standard manner of contact.

180

- Phase 4 **level red** extreme measures

- • The ultimate measure for partial or almost total lock down is determined by the SHIELD institute per country

- • If, despite all measures, the epidemic in the country continues to rise

185

- • If, on the basis of the previously determined limit for the fatalities, has been reached or is likely to be exceeded

- • In that case, on the basis of the demographic data determined for the epidemic, it may be decided to regional lock downs in the country concerned

190

- • Then it can be decided to close the country to partial or all passenger traffic from other countries

- All phases in any country are mandated and required to be performed by SHIELD, the government of the concerned country /countries monitor, surveillance AND enforce (with sanctions)