## Exit strategies for COVID-19 lockdown, what role do regions play

#### SAPHIRe

#### Securing Adoption of Personalised Health in Regions



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## The new reality of our healthcare systems **SAPHIRe webinar | Exit strategies for COVID-19: What role do regions play?**

Alexandre Lourenço, 16th June 2020

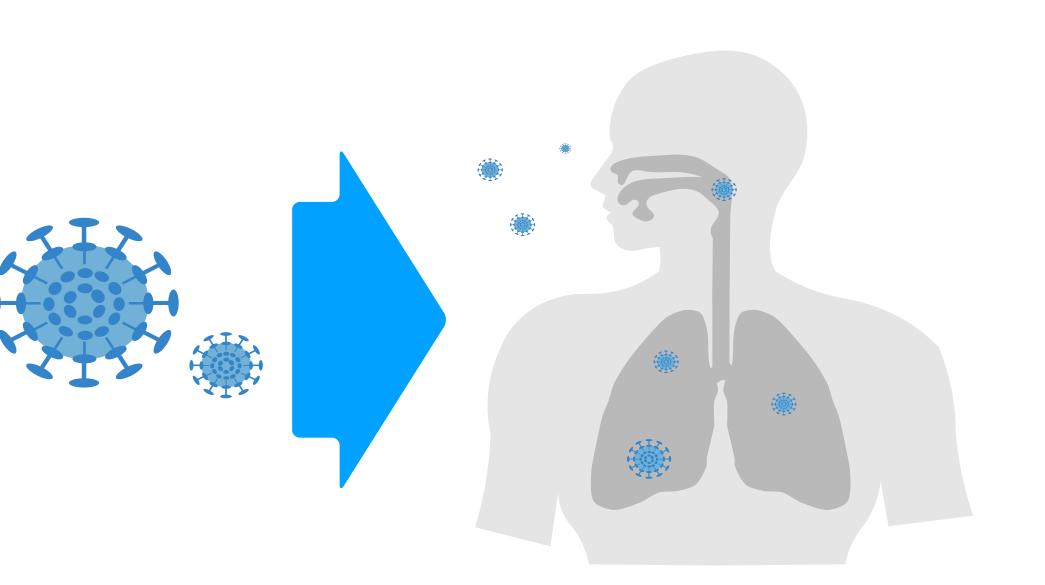




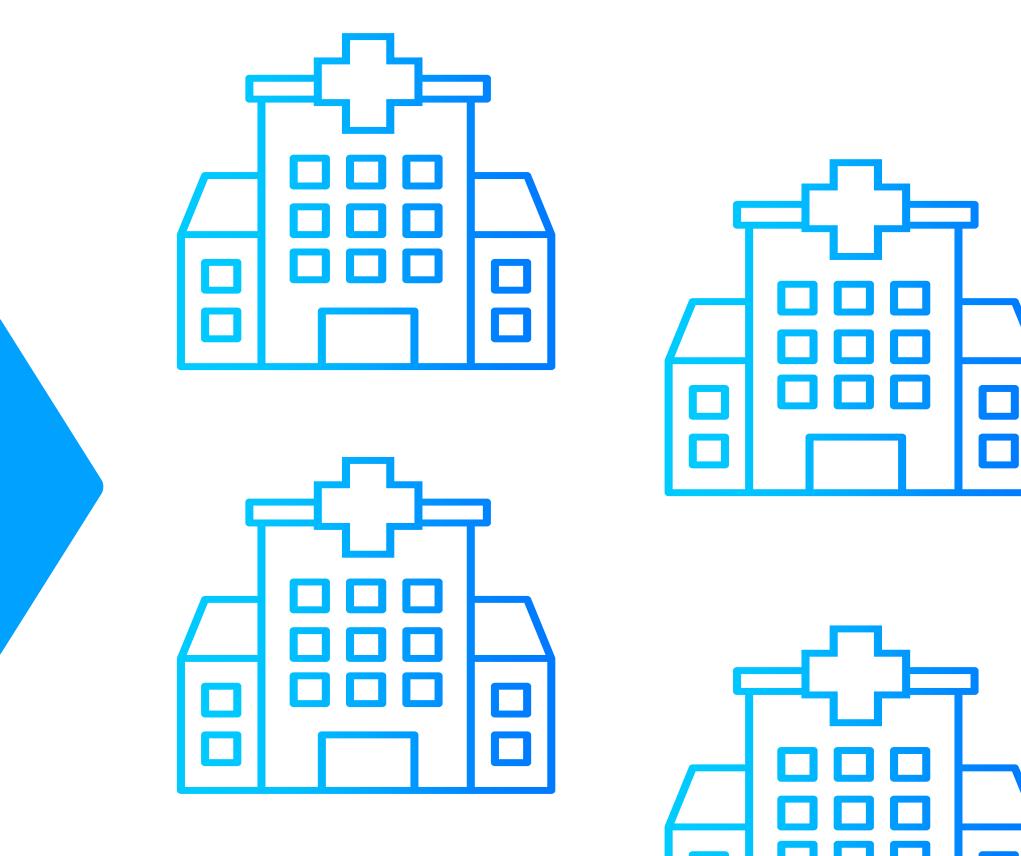
### Learned lessons **Uncertainty vs Control**

- 1. The way that the COVID-19 crisis is affecting hospital activities is profound
- 2. Health system capacity is dependent on individual and community behaviors
- 3. Need to redefine healthcare provision to deal with covid-19 patient needs
- Integrated, centered and tailored covid-19 patient care 4.
- 5. The inevitable consequence worst health system than before
- 6. Do nothing or Regain control

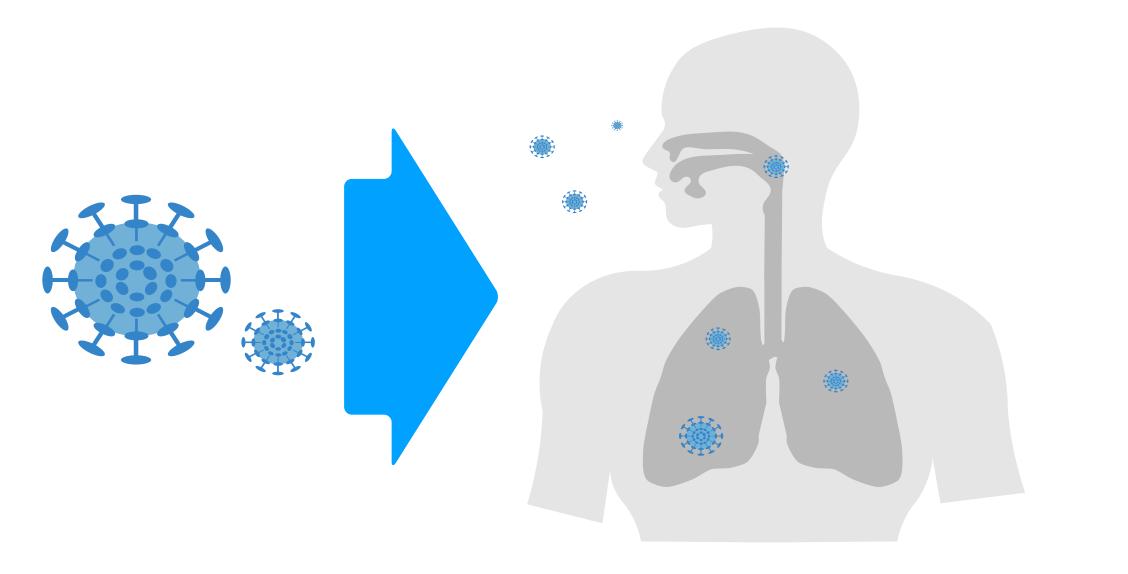
# **Uncertainty vs Control**



1. The way that the COVID-19 crisis is affecting healthcare is profound

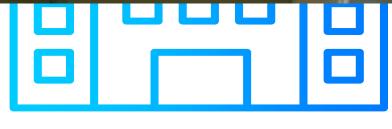


### **Uncertainty vs Control**



1. The way that the COVID-19 crisis is affecting hospital activities is profound

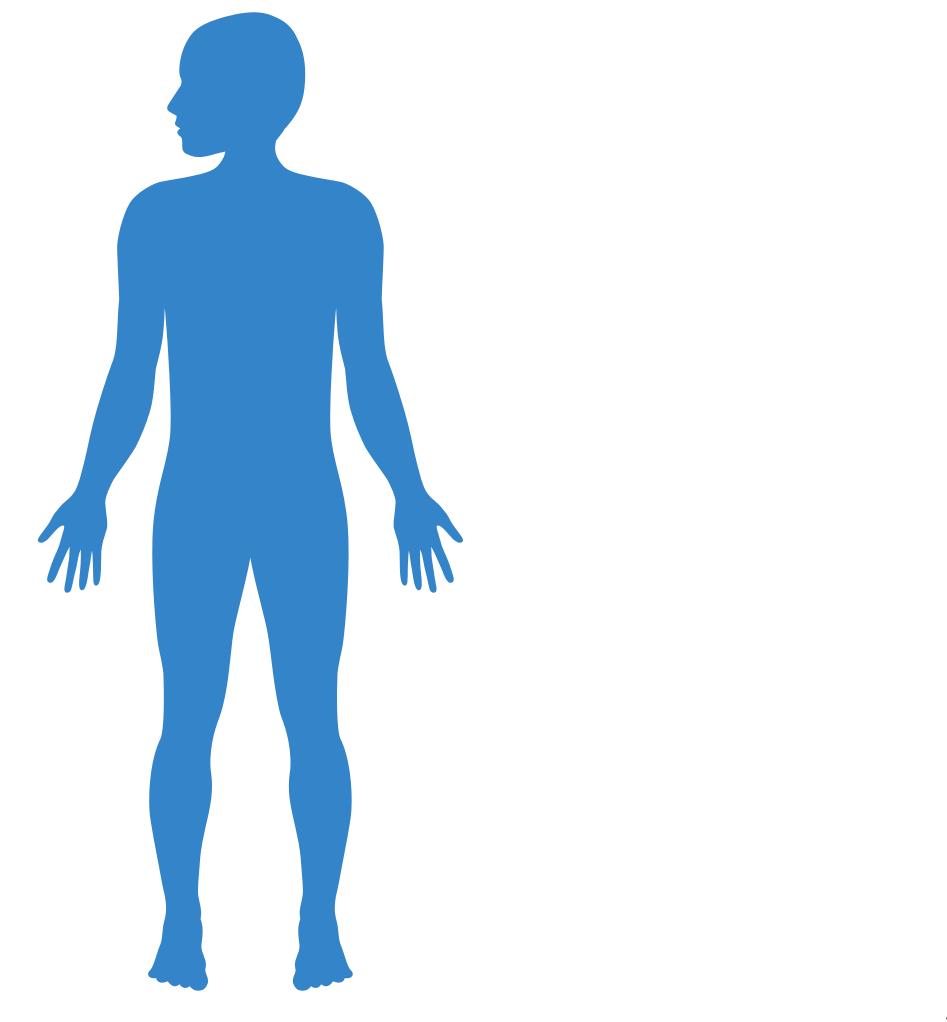






### Hospitals are vulnerable and not at health system center

2. Our capacity is dependent on individual and community behaviors



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### Hospital related measures put in place

#### 3. Need to redefine healthcare provision to deal with <u>covid-19 patient needs</u>

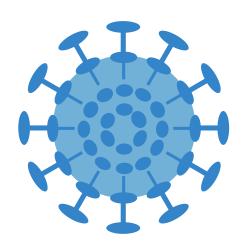
- Clarify **first-point-of-contact strategy** for possible COVID19 cases: **phone**, online, physical.
- Protect other potential **first-contact health system** entry point
- Designate hospitals to receive COVID19 patients and prepare to mobilize surge acute and ICU capacity.
- Organize and expand services close to home for COVID19 response.
- Train, repurpose and mobilize the health workforce according to priority services.
- Protect the physical health of frontline health workers.
- Anticipate and address the mental health needs of the health workforce.
- Maintain continuity of essential services while freeing up capacity for COVID19 response.

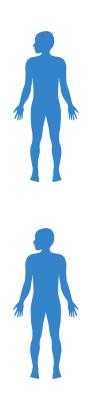
Source: adapted from WHO, 2020

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### Hospital role on Covid-19 is limited 4. Integrated, centered and tailored patient care





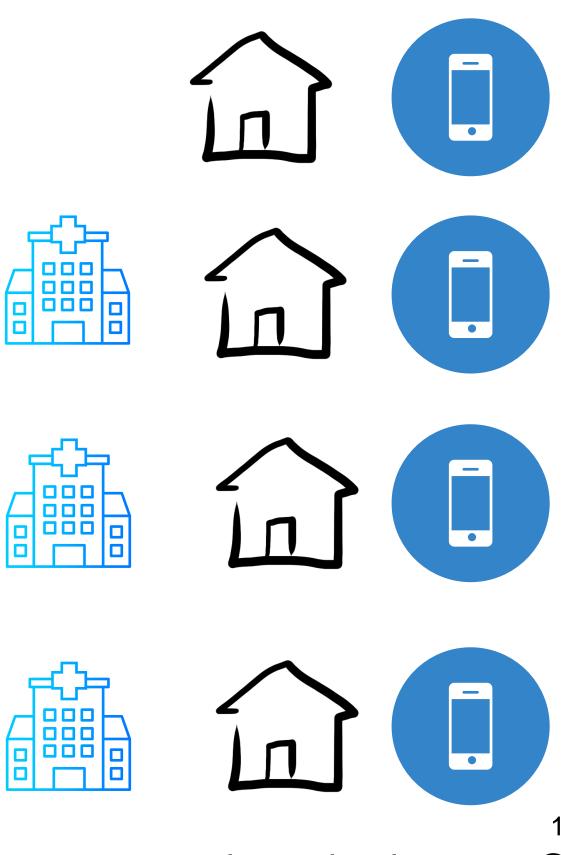
Asymptomatic

Mild cases

Moderate cases

Severe cases

**Critical cases** 

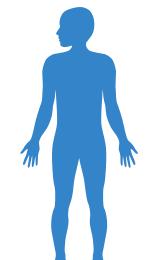


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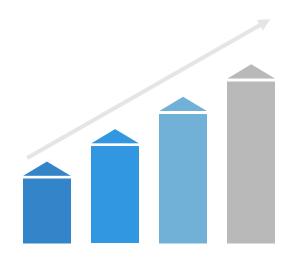
### Short-term consequences

#### 5. The inevitable consequence - worst health system than before



HR capacity - frontlines healthcare workers need to be replaced

Mental health disorders due to confinement and HR burnout



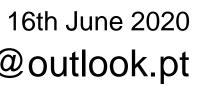
#### **Higher health needs:**



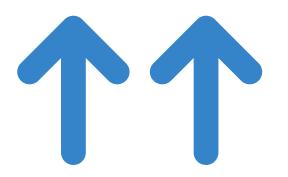
#### **Higher operational costs:**

- PPE, regular testing, cleaning routines
- Reduced productivity

 The cancelation of elective activity led to yet uncertain consequences • Increase of unemployment and poverty will be have consequences in health needs



### **Medium term and opportunities** 6. Do nothing or Regain control



Manage a dual system of service delivery balancing service capacity for COVID-19



Catch up canceled activity

Increased utilization of eHealth

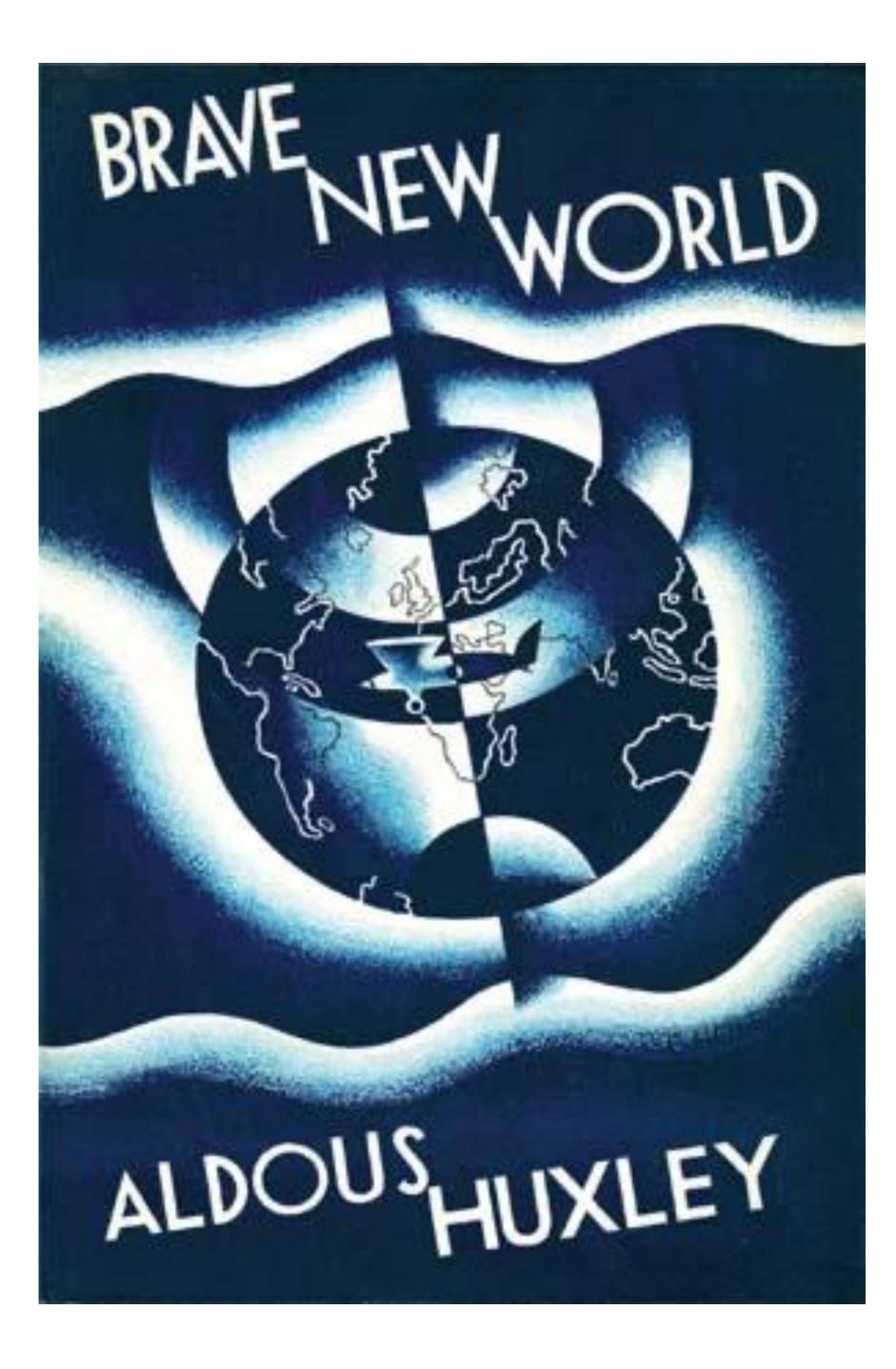
Maintain flexibility to second waves





#### **Predictive analytics**

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