COVID TASK FORCE

A COMBINED HEALTH AND COMMUNITY RESPONSE
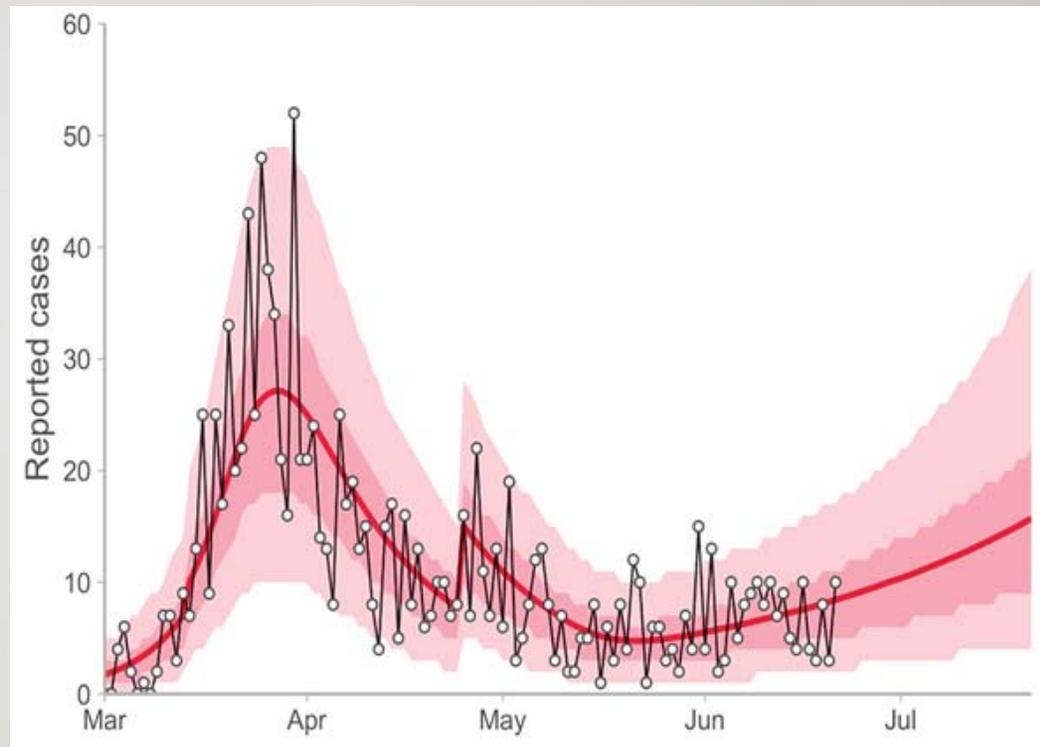
- Epidemiology and disease patterns

- Characteristics of future healthcare response

- Coordination at the community level

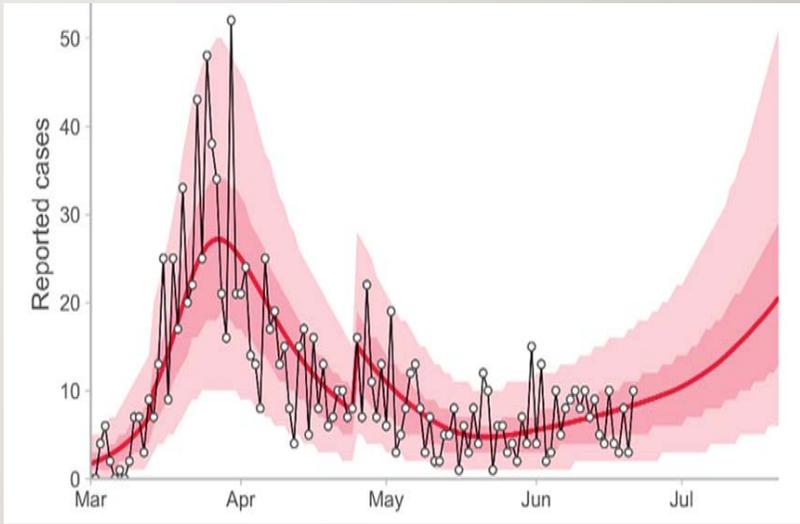PH goal is to limit to localized outbreak

Data is important to decsions
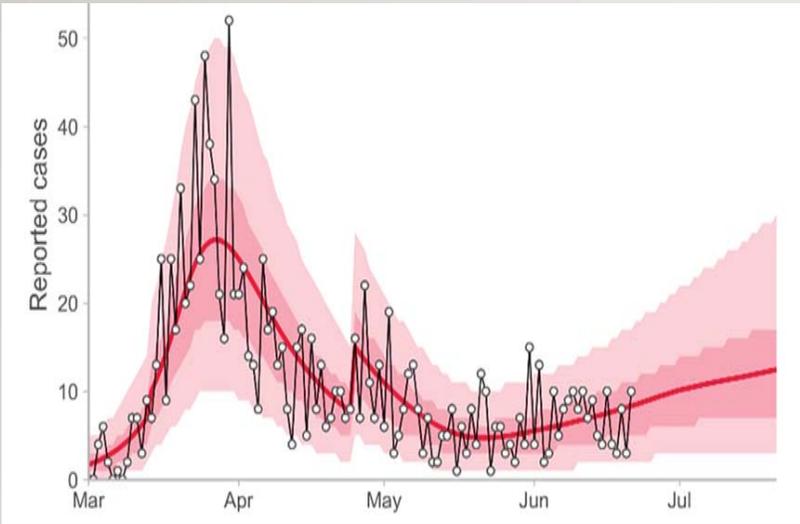
Potential in terms of world experience

Is the burden of COVID changing?

SCENARIOS BASED ON SOCIAL INTERACTIONS BCCDC JUNE 23,2020

HEALTH SYSTEM RESPONSE

SYSTEM

- Decrease in elective care
- Increase available bedspace
- Dual stream patient flow
- Cohorting patients

BEHAVIOURAL

- Mask up and head covering
- Subdued
- Stressed
- Patient presentation changed through 3 months

IMPACT OF OUTBREAK

- Increased measures to prevent spread

- ? Pandemic fatigue

- Haven't seen, don't know anyone, no prior experience

- Confidentiality of healthcare

FUTURE HEALTHCARE RESPONSE

- Preservation of services – dual cohorting
- Respiratory illness streams – ED as an example
- Maintain diversity of medical care – Primary care
- ? COVID ? Flu ?Cold virus

WINTER HEALTH PATTERNS

What keeps me awake at night?

- Combined respiratory illnesses
- Pandemic fatigue
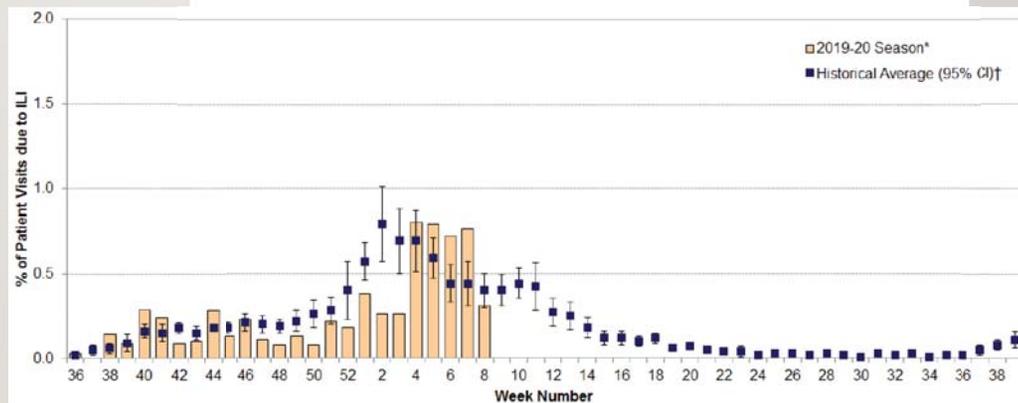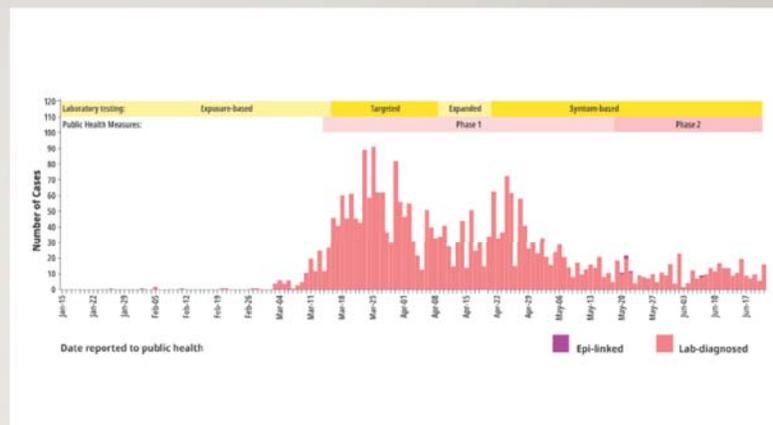
COORDINATION WITH HEALTHCARE

Buildings of opportunity

Screening centre

Clinical assessment centre

Support primary care

…..Alternate Care Site

Building	Whom	Access requirements		Adjacent area	Minimum recommended size & distances	Space allocation	Ventilation	Exhausted air system	Recommended location	Dedicated toilet
		IN & OUT	From/to							
Reception	Patients	IN	From outside	Waiting room, triage	5 mq	Staff only	Natural	Dilution	Ground floor	In staff area
		OUT	Toward waiting room							
	Staff	IN	From staff area	waiting room						
		OUT	Back to staff area							
waiting room	Patients	IN	From reception	reception, triage, toilet, staff area	2m between patients in all directions	Mixed	Natural	Dilution	Ground floor	Patients only, wc and washbasin
		OUT	Toward triage							
	Staff	IN	From staff area							
		OUT	To mixed area							
triage	Patients	IN	Waiting room	Waiting room, toilet, staff area, sampling room	Transparent surface: 2 m deep x 1 m wide for patient; without: 1 m distance between patient and staff	Mixed	Natural 60/l/s/patient	Dilution	Ground floor	Patients only, wc and washbasin
		OUT	Patient wards							
	Staff	IN	From staff area							
		OUT	Back to staff area							
Sampling	Mixed	IN	From mixed area	Triage, patient wards	9 mq, one room for each patient	Mixed	Natural 60/l/s/patient	Dilution	Ground floor	Patients only, wc and washbasin
		OUT	Back to mixed area							
Staff entrance	Staff	IN	From outside	Staff area		Staff only	Natural	Dilution	Ground floor	In staff area
		OUT	Toward outside							
Changing room	Staff	IN	From staff entrance	Staff entrance, staff area		Staff only	Natural	Dilution	Ground floor	In staff area
		OUT	Toward staff area							
Offices	Staff	IN	From staff area	Staff area		Staff only	Natural	Dilution		In staff area
		OUT	Toward staff area							
Logistic area	Staff	IN	From staff area	Staff area, outside for goods offloading	According to bed capacity and estimated consumption	Staff only	Natural	Dilution	Ground floor	In staff area
		OUT	Toward staff area							
	Goods	IN	From outside							
		OUT	Toward staff area							
Mild/Moderate cases wards	Patients	IN	From mixed area	Mixed area, staff area	2m between patients in all directions	Rooms: mixed	Natural 60/l/s/patient	Dilution	It can be replaced by community facility	Patients toilet only
		OUT	Toward mixed area							
	Staff	IN	From staff area or form mixed area			Corridor: staff only				
		OUT	Toward staff area or toward mixed area							
Severe wards	Patients	IN	From mixed area	Mixed area, staff area	3,5 x 3,2 meters	Rooms: mixed	Natural or mechanical 160/l/s/patient	1. Dilution 2. Portable HEPA 3. HEPA + air extractors	As closed as possible to triage and critical ward	Patients toilet only
		OUT	Toward mixed area							
	Staff	IN	From staff area or form mixed area			Corridor: staff only				
		OUT	Toward staff area or toward mixed area							
Critical ward	Patients	IN	From mixed area	Mixed area, staff area	3,5 x 3,2 meters	Rooms: mixed	Natural or mechanical 160/l/s/patient	1. Dilution 2. Portable HEPA 3. HEPA + air extractors	As closed as possible to triage	Patients toilet only
		OUT	Toward mixed area							
	Staff	IN	From staff area or form mixed area			Corridor: staff only				
		OUT	Toward staff area or toward mixed area							
Morgue	Body	IN	From mixed area	Mixed area, staff area			Natural	Dilution		
		OUT	Toward outside							
	Staff	IN	From staff area or form mixed area							
		OUT	Toward staff area or toward mixed area							

COORDINATION OF ORGANIZATIONS

Joint planning groups

Clear leadership

Data driven

Utilize skills and resources

Cumulative total: cases reported January 1 to July 9, 2020

N = 3028 cases

NW 14

NE 15

NI 36

NSCG

TCS 67

NVI

NVI 59

NSCG

FE 498

OK 103

KB 13

EK 18

CVI 26

48

SVI

Greater Vancouver Inset