



# ALBERTA CRITICAL CARE

## THE ALBERTA ICU COVID EXPERIENCE

### MARCH, 2020

#### It all began...

March 5th: First COVID positive patient in AB is identified  
 March 11th: WHO declares COVID a pandemic & Care of the Critically Ill COVID Adult Patient document completed  
 March 16th: 1st Alberta ICU COVID patient admitted  
 March 17th: Public Health Emergency declared in AB & Care of the Critically Ill Pediatric Patient completed  
 First condensed OPACCA is offered



### MAY, 2020

In May the Provincial Educational Resource for Proning during COVID Pandemic was released. By the end of the month 35 COVID patients had been proned in the ICU.



### JULY, 2020

In July, the Altered Clinical Practice Guidelines were completed and released & the CC SCN offered it's 10th Psychological First Aid for Critical Care course.



### SEPTEMBER, 2020

In September we saw our 100th patient discharged from ICU.



### NOVEMBER, 2020

By the end of month, COVID patient stats for adult ICUs:  
 Median length of stay is 7 days  
 Median age is 61  
 6% of COVID patients receiving CRRT.



### JANUARY, 2021

January 12th: 500th COVID patient transferred out of an Alberta ICU  
 January 26th: 100 million cases to date worldwide  
 Peter Lougheed ICU hit 25 patients in their 18 bed ICU



### MAY & JUNE, 2021

The beginning of May saw our 1000th patient transferred out of Alberta ICUs.

May 3rd: Northern Lights- 12 pts in their 3 ICU & 3 CCU beds  
 May 17th: Peak of WAVE 3 with 178 COVID patients in ICUs  
 May 19th: Red Deer ICU- 21 patients in their 12 bed ICU  
 May 23rd: Chinook- 15 patients in their 10 bed ICU

ICU patients were transferred in from Manitoba as their ICUs saw record numbers. Our 173 provincially available med/surg ICU beds surged to 305! To date we have had >1500 COVID patients in our ICUs.

### APRIL, 2020



April 2nd: 1 million cases world wide  
 April 21st: Peak of WAVE 1, 21 patients in Alberta ICUs  
 April saw the CC SCN put on a Provincial COVID webinar and offer their first Psychological First Aid for Critical Care course. By the end of the month we had our 1st pediatric ICU COVID positive patient.

### JUNE, 2020



During June the first full length virtual OPACCA took place and on June 28th we had reached 10 million cases worldwide.

### AUGUST, 2020



50 COVID patients have now been proned in the ICU. That's 37% of all COVID patients to date!

### OCTOBER, 2020



Oct 13: First time overlapping OPACCA courses offered

### DECEMBER, 2020



Dec 14th: 1st reported case of UK variant  
 Dec 15th: Vaccines arrive & the 1st dose of vaccine was administered to an ICU nurse in Alberta  
 Dec 21st: Peak of WAVE 2, 143 COVID patients in Alberta ICUs  
 Dec 19th: Grey Nuns hit 18 ICU patients in their 8 bed ICU

### APRIL, 2021

Critical Care Triage Framework was published and the CC SCN hosted a live triage webinar. Pediatric ICU admissions over the pandemic now total 35. As of April 27th we have had 31 COVID patients in the province requiring ECMO. Grand Prairie has 3 ICU and 3 CCU beds; on April 30th they hit 11 patients. Almost 200% capacity!

