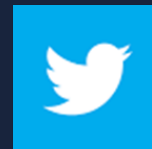
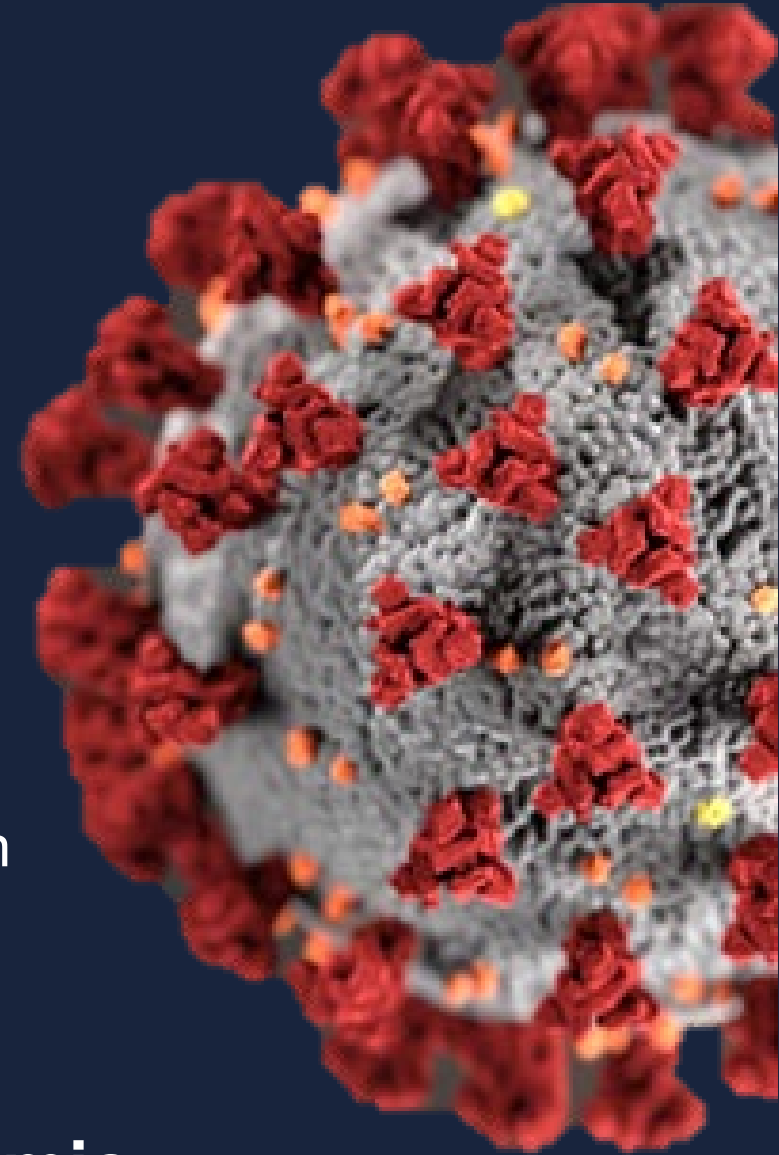


Cancer and COVID-19: Integrated Care Perspective

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Challenges that exist in Integrated Systems

- Cancer care and admissions combined with general inpatient population
- Hematopoietic cell transplant and Leukemia services are a large portion of inpatient services
- Plans for large number of inpatients and needed to prepare for shifting care in comprehensive system (e.g. less ICU bed availability for CAR-T cell therapies)
- Preparing for high-risk patients in high density outpatient environments

Jan 2nd, 2020

📌 Pinned Tweet



Wendy Kwok

@WK_vetepi

Been seeing interesting reports on a ?cluster of atypical #pneumonia cases in #Wuhan and alarm from the public about it potentially being #SARS - here's a great, balanced thread about that. In sum, heightened vigilance and surveillance is warranted but not panic 🦠
🧬 🔬



The Menachery Lab @TheMenacheryLab · Jan 1

Been doing my best to avoid twittering over the break, but a rumored return of #SARS in 2020 caused me to dive into twitter and google translate for more information. Here are some random facts, thoughts, and speculation on what may or may not be happening with in Wuhan.

[Show this thread](#)

Jan 22nd, 2020

The screenshot shows the NPR website interface. At the top, the NPR logo is on the left, and links for SIGN IN, NPR SHOP, and DONATE NOW are on the right. Below this is a navigation bar with links for NEWS, ARTS & LIFE, MUSIC, SHOWS & PODCASTS, and a SEARCH icon. The main content area features a social media sharing sidebar on the left with icons for Facebook, Twitter, Facebook Messenger, and Email. The article title is "1st U.S. Case Of Coronavirus Confirmed In Washington State" under the "NATIONAL" category. The byline is "WILL STONE" and the date/time is "January 22, 2020 · 5:06 AM ET". It notes the article was "Heard on Morning Edition". The source is listed as "FROM knkx". At the bottom, there is a blue "2-Minute Listen" button with a play icon, and a row of icons for adding to a playlist, downloading, and other audio controls.

npr SIGN IN NPR SHOP DONATE NOW

NEWS ARTS & LIFE MUSIC SHOWS & PODCASTS SEARCH

NATIONAL

1st U.S. Case Of Coronavirus Confirmed In Washington State

January 22, 2020 · 5:06 AM ET
Heard on [Morning Edition](#)

WILL STONE FROM knkx

2-Minute Listen + PLAYLIST

Cancer Centers Better Prepared

- Organized and well established respiratory virus prevention programs (experience with H1N1 influenza)
- Screening approaches in place for patients with rapid testing availability
- Staff well trained and focused on infection prevention, policies to limit presentism
- Patients and caregivers well educated about community exposures, highest risk groups significantly more cautious
- Cancer centers very well connected through societies and collaborations which allowed for early sharing of policies, procedures and experiences

Prioritization of transplants and CAR-T therapy

	Urgent	Consider delay	Delay
Allo	<ul style="list-style-type: none"> —High-risk AML in CR1 —AML and ALL > CR1 —Secondary AML 	<ul style="list-style-type: none"> —MDS-EB —CMML-1 and 2 —High-risk ALL in CR1 	<ul style="list-style-type: none"> —Intermediate-risk AML in MRD-negative CR1, tolerating consolidation —Standard-risk ALL in MRD-negative CR1, tolerating maintenance or consolidation —MDS without EB, tolerating transfusions —Myeloproliferative disorders with low blast count and without evidence of rapid progression, tolerating transfusions
Auto	<ul style="list-style-type: none"> —Aggressive lymphoma 		<ul style="list-style-type: none"> —Multiple myeloma (consider stem cell collection) —Low-grade lymphoma —Autoimmune diseases

- Limit transplants to those at highest risk
- Delay those who were stable/under control


Ueda BMT 2020

Building Testing Capacity Offsite

- **Drive-through testing stations** outside of clinical areas for pts and staff
 - Community testing sites outside of system often crowded and turn around time >48 hours
- Pre-procedure testing and prior to new arrivals for patients entering system
- Testing symptomatic employees and those exposed either in clinic or in community
- “Conference rooms to clinical care”
- Flexible staff who could play different roles



Leveraging Technology: App-based symptom screening



Seattle Cancer Care Alliance
Fred Hutch · Seattle Children's · UW Medicine

COVID-19 Symptom Screening

Enter your SCCA email address to get started

For questions, concerns, or suggestions about this screening tool, email covid19@seattlecca.org.
This site is protected by reCAPTCHA and the Google [Privacy Policy](#) and [Terms of Service](#) apply.


Fred Hutch · Seattle Children's · UW Medicine

COVID-19 Symptom Screening

Do you have any of the following new or worsening symptoms?

- Fever
- Chills
- Cough
- Sore throat
- Shortness of breath
- Chest tightness
- Congestion (stuffy nose)
- Runny nose
- Muscle aches or pains
- Fatigue
- Headache
- Loss of smell or taste
- New onset diarrhea

☐ I acknowledge that I've answered truthfully and to the best of my knowledge.



Seattle Cancer Care Alliance
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COVID-19 Symptom Screening

COVID Pass

CLEARED FOR WORK ON CAMPUS

When you enter an SCCA facility, you must wear:

1. The appropriate type of mask
2. "I've been screened" Sticker

Saturday

1/16/2021 06:30 PM

For questions, concerns, or suggestions about this screening tool, email covid19@seattlecca.org.
This site is protected by reCAPTCHA and the Google [Privacy Policy](#) and [Terms of Service](#) apply.

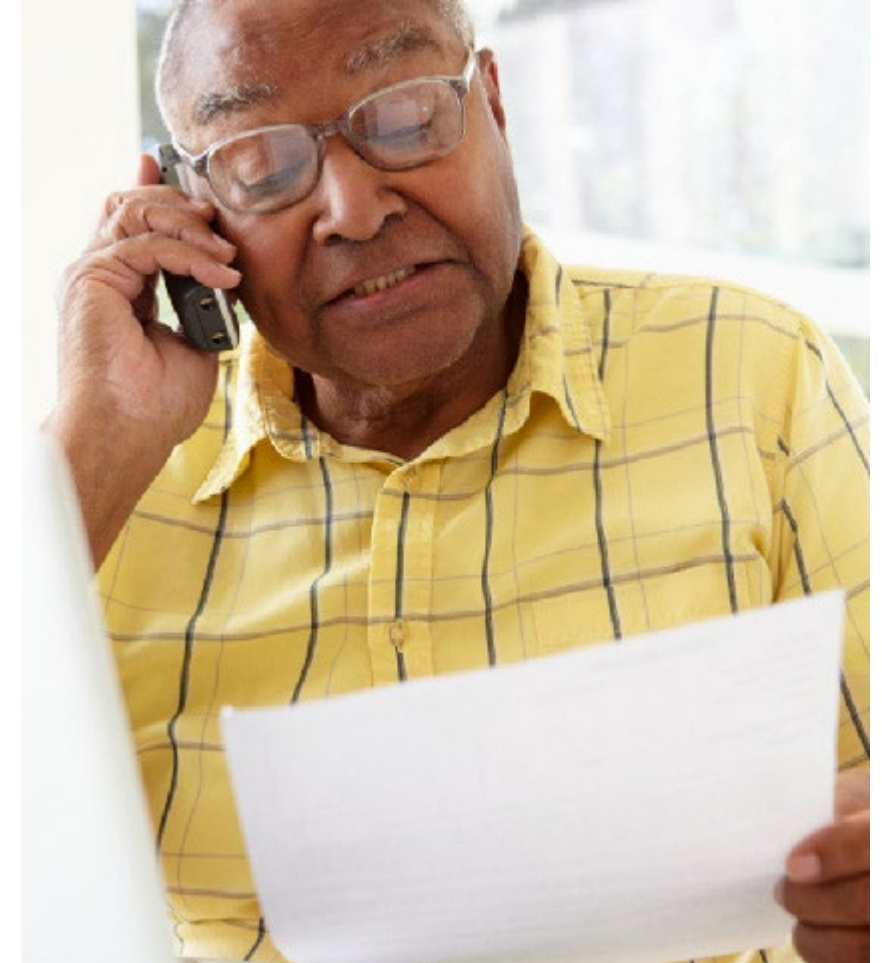
Communication: Example – pre-visit messaging

- System to call patients and review for symptoms pre-appts
- Allowed to identify patients early and send for testing
- Limited patients with active symptoms on campus

Following COVID-19+ patients

- Allowed teams to track patient's symptoms and move to higher level of care if need
- Organize repeat testing

Social Media and Web-based Data/Guidance KEY



Caregivers/Family

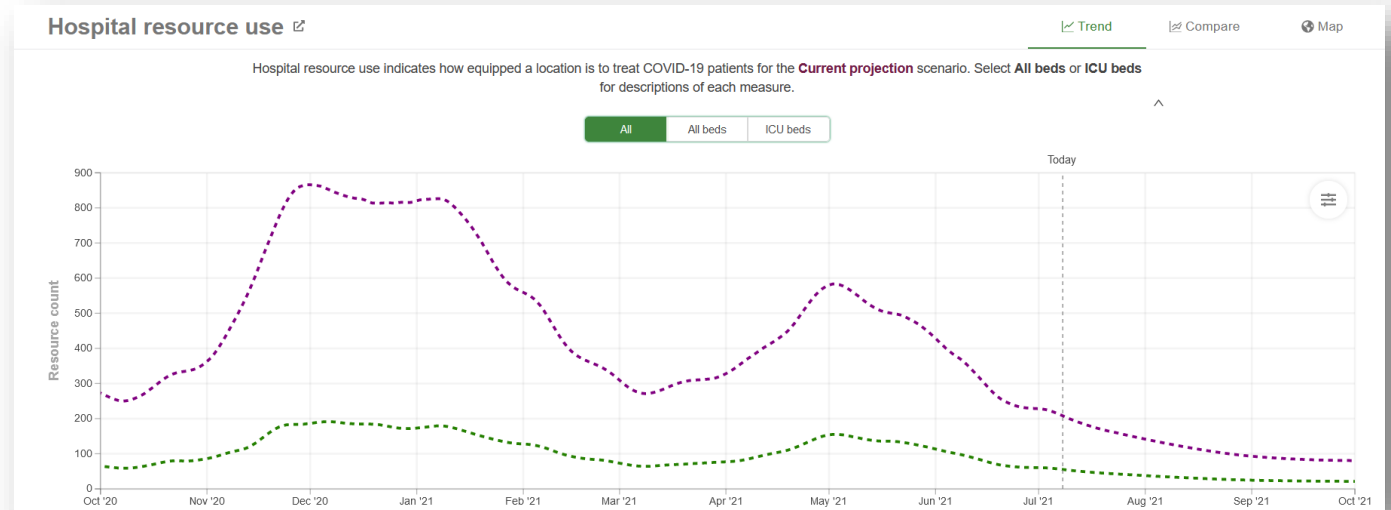
- Household transmission is high
- Caregivers and family more likely to leave home and have at risk exposures
- Cannot prevent exposures
- “Cocoon” strategy, to vaccinate all those close contacts of high-risk patients (known vaccine efficacy vs. unknown efficacy)¹
- Targeted effort to assure household contacts/caregivers get vaccinated
 - Experience with influenza vaccine helped address this issue



1. Woodfield Cancer 2021

Using Modeling Data to Predict Needs

- IHME models predicted when we might run out of ICU beds
- Allowed system to plan to possible surge
- Models had weaknesses, but allowed for planning worst cases scenarios
- Could model out PPE usage to determine needs and plan for potential shortages
- Allowed teams to prioritize planning for shifts in care during expected peaks, but inaccuracies also delayed some care



So much great work

- Baseline prevention strategies protected patients
- Education for patients around respiratory etiquette during winter season allowed for seamless transition during pandemic
- Sharing of protocols, prevention and experiences (US and worldwide)
- National guidelines developed quickly
- Studies on a “shoe-string” that required others to use their time and energy to support studies
- Vaccine delivery systems
- A focus on equity amongst our systems and vaccine allocation

Save our notes from COVID-19

- What worked?
- What policies should you save?
- Where did you make mistakes?
- What do you wish you had done in advance?
- Who stood out as leaders?
- What extra training do you need?
- Where we weaknesses in our system?
- What was the best way to communicate?

Questions?

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