

Virtual Exhibit Hall: Novavax

June 7, 2023



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This webinar is being recorded and will be posted to the AIM website

Agenda

- 1:00- 1:02 ET: Welcome and Technology Overview (Monica)
- 1:02 – 1:25 ET: Novavax Presentation
- 1:25- 1:30: Q&A and Closing



Maria Young, Severe COVID-19 ECMO Survivor Associate Director of Advocacy, U.S. Eastern Region, Novavax

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Joined Novavax in January with over 15 years' experience working in health communications supporting multiple government agencies within the U.S. Department of Health and Human Services (HHS). In her role at Novavax, Maria has responsibility for national accounts along with strategic collaboration with the Eastern Region.

In 2021 Maria became a severe COVID-19 and ECMO (an extreme form of life support) survivor after spending over four months at the Johns Hopkins Hospital in Baltimore, Maryland. After her discharge, she established Maria's Miracle, a 501(c)3 non-profit dedicated to funding critical care medical training and supporting families and patients facing ECMO treatment or recovery from prolonged ICU stays. She continues to battle long COVID and the after effects of her time in the ICU.



ECMO Eligibility During COVID-19



While each Institution makes their own determination, ELSO provided the following guidance during the COVID-19 pandemic for best outcomes:

- Patients age <65 years old
- BMI <40
- Not immunocompromised
- Intubated <7 days
- No multi-system organ failure
- Will not reasonably survive next 48hrs without intervention
- Bed availability

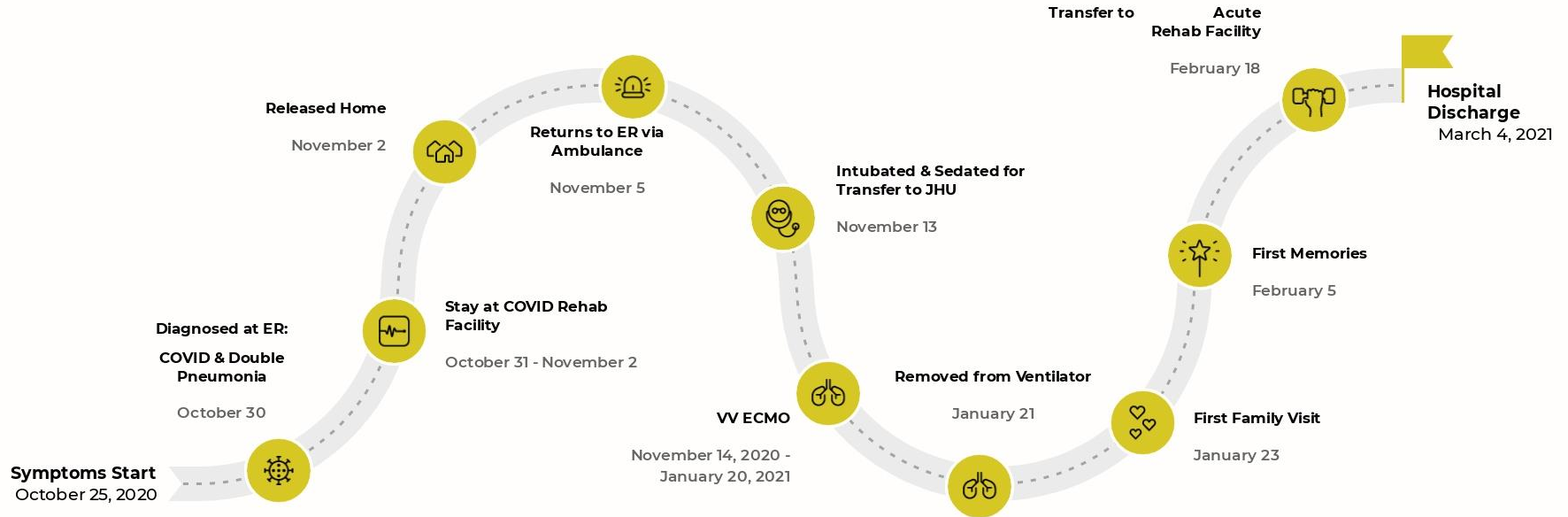
Total ELSO Registry COVID-19 ECMO Cases: **16,652** (10,730 in U.S.)

In Hospital Mortality Rate: **47%**

*FOR PATIENTS WHO INITIATED ECMO OVER 90 DAYS AGO. 3.26.23



COVID-19 Hospitalization Journey



Hospitalization Challenges



DURING ECMO

- Tracheostomy
- Collapsed lungs
- UTIs
- Eye infection
- 3 Blood transfusions
- Bacterial infections
- Heparin allergy/HITT
- PEG tube placement
- Proned twice

AFTER ECMO

- Drug withdrawal
- Delirium
- Isolation
- Extreme muscle atrophy
- Pressure injury on scalp
- Vocal cord paralysis
- Nerve compression
- Swelling/Rigidity
- Demoralization

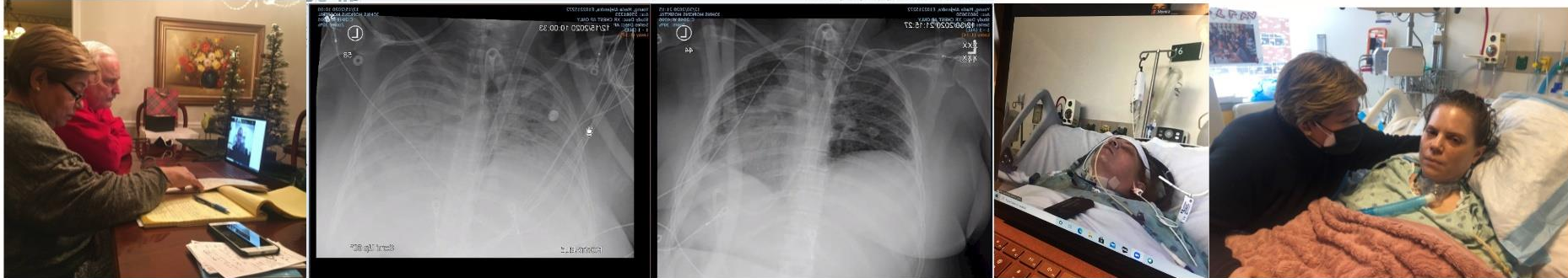
Family Experience

Challenges:

- Many questions, few answers
- Lack of access to patient and changing care team
- Few accessible resources about ECMO & COVID-19
- Decision fatigue and people requesting updates
- Limited hospital resources
- High emotions

Where support was found:

- Weekly zoom meetings with my care team
- Established flow of updates through community
- List of ways community can help
- Social media and virtual support groups



Recovery

Long COVID

- Brain Fog
- Dysautonomia
- Extreme Fatigue
- Shortness of Breath
- Hair Loss

ICU Impact

- Cognitive Impairment
- Body Deconditioning
- Post-Intensive Care Syndrome (PTSD)
- Vocal Cord Paralysis
- Nerve Damage in Left Hand



Impact to Life

- Required Complete Care
- Loss of Independence
- Loss of Wages
- Months of Intense PT, OT, & SLT
- Navigating Disability & Insurance



The Silver Lining



Upcoming Virtual Exhibit Hall Webinars

- Wednesday, June 7 at 2:30-3:00 PM ET | [Logtag Recorders](#)
- Wednesday, June 28 at 1:00-1:30 PM ET | [Bavarian Nordic](#)
- Thursday, June 29 at 1:30-2:00 PM ET | [Traceable](#)
- Wednesday, July 26 at 2:00-2:30 PM ET | [Pfizer](#)

Closing

- Still have questions? Submit your questions to monica_mayer@outlook.com and AIM will facilitate a response.
- Take the event evaluation that we will send at the end of the webinars. Your feedback will help us improve!
- The event recording and Vendor FAQs will be available on the AIM website

<https://www.immunizationmanagers.org/corporate-alliance/virtual-exhibit-hall/>