UCONN HEALTH PRE-OP/PRE-PROCEDURE COVID-19 TESTING ALGORITHM

COVID-19 Status

Unknown

Previously Negative

New symptoms of COVID-19?

Yes

High risk exposure to COVID + person?

Yes

Surgeon assessment: risk of delay > risk of proceeding?

Yes

Surgeon + Anesthesiologist decide whether to proceed based on urgency.

No

Result negative?

Yes

Delay Surgery

No

To be admitted post-op?

Yes

Schedule Cepheid SARS-CoV-2 PCR test at Drive-thru Sampling Center

No

Fully vaccinated to COVID and not severely immunocompromised?

Yes

Manage as COVID Positive

No

>12 weeks from positive test

Yes

Presume COVID negative (Retesting not recommended – PCR test result may remain positive after recovery and patient no longer infectious)

<3 weeks

3-12 weeks from positive test

No

Symptom resolved?

Yes

Consider consult with Infectious Disease

No

<3 weeks

Immunocompromised?2

Yes

Abnormal

No

<3 weeks

Schedule SARS-CoV-2 PCR test at Drive-thru Sampling Center

Result negative?

Yes

No

Delay Surgery

No

To have previous SARS-CoV-2 PCR test within the last 72 hours?

Yes

No

Surgeon + Anesthesiologist decide whether to proceed based on urgency.

Is it >48 hours to procedure?

Yes

Schedule Cepheid SARS-CoV-2 PCR test at Drive-thru Sampling Center

No

Previously Positive

>12 weeks from positive test

Yes

Proceed with Surgery

<3 weeks

3-12 weeks from positive test

No

Symptom resolved?

Yes

New symptoms of COVID-19?

Yes

Consider consult with Infectious Disease

No

Presume COVID negative (Retesting not recommended – PCR test result may remain positive after recovery and patient no longer infectious)

Notes

1. Patients with severe immunocompromising conditions (stem cell or solid organ transplant recipients, Immunosuppressive drugs (ex. cancer chemotherapy, chronic steroids, TNF alpha inhibitors, immunomodulators), Inherited immunodeficiency, HIV infection with CD4 count < 200) should be handled on a case-by-case basis with consultation from Infection Control/Infectious Diseases

2. Fully vaccinated = Documentation of >2 weeks since last dose of Pfizer or Moderna series or single dose of J&J.