



COVID-19 in Bariatric Surgical Practice

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Background information

- COVID-19
- Anesthesia implication
- Bariatric Surgery implication
- Long Term Follow up
Implication

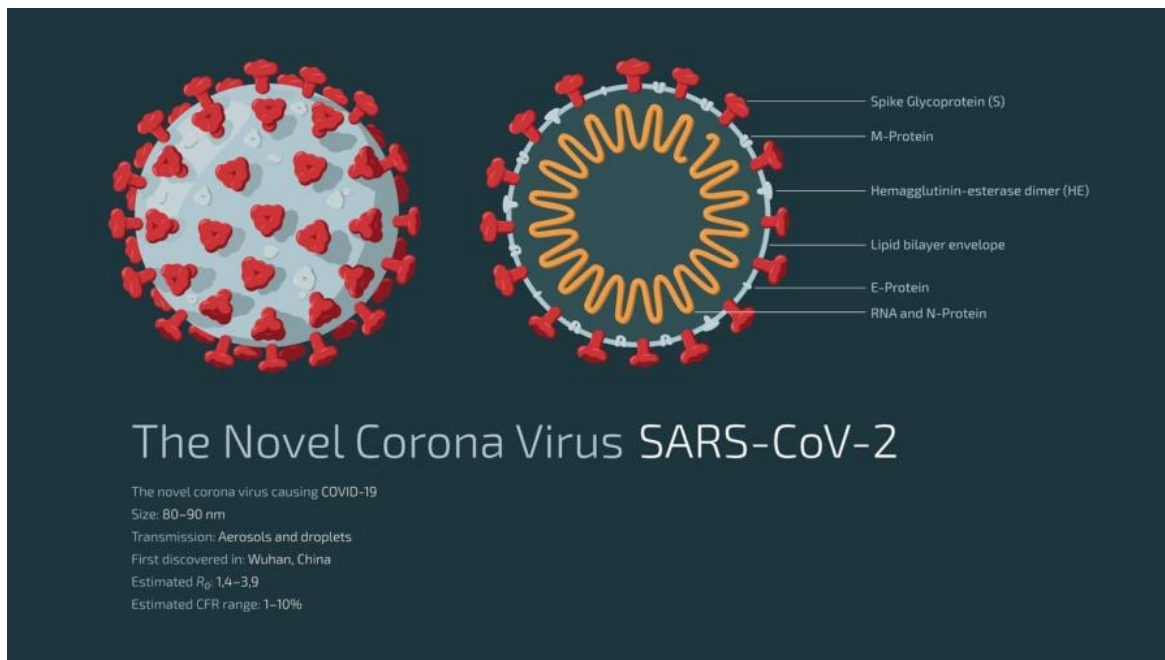
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- <https://www.cdc.gov/coronavirus/2019-ncov/hcp/clinical-guidance-management-patients.html>

Clinical Information:

- Symptoms
- Testing
- Timing for surgery

Testing

RNA Shedding for days and weeks (some reported for 3 months)



The tests commonly available for SARS-CoV-2 can detect either:

- the RNA – detected by the **PCR test**
- the surrounding proteins – detected by the rapid **lateral flow** devices
- the human body's response to the virus – detected by **antibody tests**.

Timing of Surgery



American Society of
Anesthesiologists

- Isolation recommendations change (December 2021)
- Timing of the surgery is based on the negative test, and the onset of the symptoms.
- The onset is more critical than the test results since it may linger. (December 8, 2020)



Anesthesia
Patient Safety
Foundation

https://www.dssurgery.com/elective-surgery-and-anesthesia-for-patients-after-covid-19-infection/?preview_id=10890&preview_nonce=7a2c342a0e&post_format=standard&_thumbnail_id=-1&preview=true

Bariatric Surgery



- COVID-19: IFSO LAC Recommendations for the Resumption of Elective Bariatric Surgery
 - US, Central and South America
 - Phased introduction
 - Policy, procedure,
 - “Water Trap” for all Suction Device
- COVID-19 and Obesity: Is Bariatric Surgery Protective? Retrospective Analysis on 2145 Patients Undergone Bariatric-Metabolic Surgery from High Volume Center in Italy (Lombardy)
 - 0.1% ICU admission after COVID, > 2000 patient post op


Bariatric Surgery

SURGERY FOR OBESITY
AND RELATED DISEASES

- Bariatric Surgery and COVID-19: What We Have Learned from the Pandemic in Iran: a Retrospective Observational Cohort Study
 - Nutritional Deficiencies
 - Reduced resolution of Diabetes
- Metabolic surgery may protect against admission for COVID-19 in persons with nonalcoholic fatty liver disease
 - NASH increased odds ration for hospitalization, M > F
 - Reduced NASH protective with metabolic surgery
- Bariatric surgery in patients with previous COVID-19 infection
 - Relative risk similar to: no history patients if no mechanical ventilation involved

Bariatric Surgery

- Weight loss, malnutrition, and cachexia in COVID-19: facts and numbers
 - 40% incidence of malnutrition



Journal of Cachexia,
Sarcopenia and Muscle

In Association with the Society on
Sarcopenia, Cachexia and Wasting Disorders

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