

# Shifts in Surgery During Covid-19 Out Break

Isabelle Gomez\*

Journal Managing Editor, Surgery:Current Research, Barcelona, Spain

## PERSPECTIVE

On March 11 2020, world health organization has declared the Covid-19 as a pandemic from being an epidemic. Such drastic effect on health care system due to Covid pandemic was never seen in decades, this put much burden to the healthcare system all over the globe. Since then, health care system, government authorities are taking new measures to tackle the virus. The safety concerns towards the health care providers and effected patients brought stringent protocols during the Covid-19 pandemic. Priorities in healthcare system are modifying, due the current scenario brought by Covid-19. It has made functional surgeries to postpone but have made emergency surgeries important to operate and strict rules are followed for laparoscopic surgeries. Surgeries in cancer are carefully administered due to its importance, as delay may cause the tumor cell to double over a period of time. Dealing with cancer patients by the oncology team have faced much difficulties during these times, because some cancer surgeries when performed beyond the scheduled time limit can cause long term effects or permanent damage to the patient, however certain other are prolonged for months or even years without much damage.

During these difficult times of Covid-19, the major surgeries in the field of plastic surgeries are stopped, exception to the procedures of reconstructions of tumor excision. Patients suffering or suffered with Acute Ischemic Stroke (AIS) are proven to be high risk to Covid-19 infection, hence should treat them with utmost care.

Perioperative preparations were recommended during Covid-19 pandemic in from of eight categories that are described below:

- Common recommendation for surgical practices
- Emergency Surgery for critically ill COVID-19 positive or suspected patients

- Setup of operation room
- Transporting patients to Operational Room (OR)
- Preparation of the surgical staff
- Considerations of anesthesia
- Surgical approach
- Case completion

These eight categories of recommendations were also endorsed by the European Society of Emergency Surgery board. To decrease the virus transmission in the hospital area and to preserve the personal and human protective equipment, together with other essential required for treating Covid-19 infected individuals, this Covid pandemic has forced medical administrations to decrease the surgical procedures. Many medical departments have stopped or drastically reduced the elective operations. Much pressure of tackling Covid-19 pandemic has also disrupted the ability to treat patients suffering with thoracic malignancies. Surgeons are forced to prioritize the cancer related surgeries, due to the increasing number of people affected by Covid-19 and decrease of resources in hospitals. So, leaders from research, surgical and cancer organizations have come forward to guide the patients suffering from thoracic ailments on priority bases. The priorities for treatment are effected by considering the risk of delay, limitation of resources, such as facilities, clinicians, which can affect the surgical procedures and also keeping the number of visitors in control, maintaining social distancing. Thus the outbreak of SARS-COV-2 has brought significant changes to the health care system worldwide, shifting its administrative procedures into very new level. There is also considerable shift seen in department of medical surgeries. This new shift brought intervention of new technologies to the medical field and also made us stronger together.

**Correspondence to:** Isabelle Gomez, Journal Managing Editor, Surgery: Current Research, Barcelona, Spain, E-mail: [surggenopen@peerjournal.org](mailto:surggenopen@peerjournal.org)

**Received:** June 14, 2021; **Accepted:** June 15, 2021; **Published:** June 21, 2021

**Citation:** Gomez I (2021) Shifts in Surgery During Covid-19 Out Break. Surgery Curr Res. 11:118

**Copyright:** ©2021 Gomez I. This is an open-access article distributed under the terms of the Creative Commons Attribution License, which permits unrestricted use, distribution, and reproduction in any medium, provided the original author and source are credited.