

With decades of experience in addressing changing market conditions, and strong relationships with a global network of trusted suppliers, Myoderm is committed to keeping you informed about issues surrounding clinical trial supply. Should you have questions, we would be happy to assist. We recommend that you also check with the Centers for Disease Control & Prevention, the National Health Service, the World Health Organization and local government websites for the most up-to-date information about the coronavirus situation.



LOGISTICS

The environment for global logistics continues to be dynamic, with many regional variations.

South America

On May 28, the U.S. government implemented a new ban on travel from Brazil. Rates for cargo to and from Brazil are likely to increase due to cancellation of passenger flights and decreased wide-body capacity. Already, outbound flights from Brazil have reduced capacity by 80 percent to 100 percent.

Asia/Pacific

Although production in China has nearly returned to pre-crisis levels, widespread flight passenger cancellations continue to constrain airfreight capacity on all major trade lanes, despite the additional freighters that have entered the market. This week the U.S. Department of Transportation announced a ban on all commercial passenger flights by Chinese carriers beginning June 16, but it is not expected to impact cargo operations.

Flights from Australia to most destinations have reduced capacity by 80 percent to 90 percent.

Europe

In the European Union, we are beginning to see gradually reduced restrictions—most notably easing border checks and expanding flight operations to more airports. The number of flights per day in Europe increased over the last two weeks in May and are now back to the levels last seen at the end of March 2020—an 85-percent reduction in flights from the same period in 2019. European air cargo capacity has only increased 7 percent since mid-April. Trans-Atlantic freight capacity is at 81 percent since February and shows no signs of recovery.

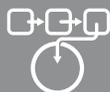
Looking ahead, many countries are planning to ease restrictions further around June 15. They include:

- France
- Belgium
- Spain
- Croatia

These dates may be pushed back further, but we anticipate more transport options by the end of June.

Shipping Tips:

- Make flights to the nearest airport a priority, as some areas are still experiencing border closures and service disruptions between cities.
- Search IATA's Airlines Cargo Operations Status page for updates on nearly all global cargo carriers.



TRIAL PLANNING

Myoderm's Clinical Trial Equipment and Supplies team reports that some—but not all—manufacturers are beginning to ease restrictions on large, one-time purchases in the global market. However, we still see limitations on inventory availability, such as:

- Restricting supply for clinical trials or not taking additional requests for products for use in third-party clinical trials.
- Not approving requests for product for new trials or for uses not approved prior to the SARS-CoV-2 outbreak.
- Denying sample-size requests for products being used to treat COVID-19.
- Requiring trial information before providing a quote for requested supply.

Still important to plan ahead to obtain product

The United Kingdom's revised export ban allows exportation of products for clinical trial use. The lockdown in India is still causing severe inventory issues for many large manufacturers with a presence in that country. Country closures and remote workforces continue to delay responses to requests for price/availability, documentation and other relevant information, and it is becoming increasingly difficult to obtain accurate lead times.

To address these issues proactively, Myoderm suggests:

- **Stay local:** Avoid moving product in and out of countries to source locally when possible, as such movements can increase logistic fees and surcharges.
- **Build in flexibility:** When designing protocols, reference the primary active ingredient rather than a specific brand/manufacturer to ensure that your trial submission is not unnecessarily restrictive.
- **Act now:** If product with enough remaining "shelf life" is available to satisfy current use, secure it now due to uncertainty of longer expiration supply availability.

Don't overlook sourcing for ancillary supplies.

Around the world, personal protective equipment (PPE) allocations continue to be prioritized for hospitals and medical centers, so we are seeing increasing demand for respirators, surgical masks, coveralls, goggles, disposable face shields, gloves and similar items.

Should you have any questions or concerns about product or ancillary supplies and equipment, our dedicated Clinical Trial Equipment and Supplies team members are available to discuss the ways in which we can assist you during these challenging times.