**Abstract – Pandemic Strategies put in place to Eliminate Hospital Supply Chain Shortages**

The Covid-19 outbreak has had a major effect on the hospital supply chain by slowing down distribution and decreasing the volume of personal equipment and medical supplies within the hospital. The Strong Memorial Hospital completely rely on these supplies to provide better care for their patients. Hence the need for faster deliveries. The re-evaluation of hospital medical supplies shortages during a pandemic is to pinpoint the problematic errors that the pandemic has brought to the forefront of the supply chain division and to implement a solution that

can effectively resolve these issues. The significant lack of equipment, medical supplies and delayed deliveries has led to the supply chain division to use a new strategy to eliminate shortages called the Program Cluster System. This system is set up to monitor and detect when medical supplies is running low and sends alert signals to let the stockroom personnel know that it’s time to reorder supplies before there is a shortage.

A method that can provide a solution to the problem is implementing a “pandemic clause” to the vendor’s contract. This contract purchasing clause will ensure consistent deliveries through-out the pandemic. By developing a long-term strategy with sustainability and the supply chain division this will help to address the issues brought on by the COVID-19 pandemic or any future pandemic. Due to the increase in the demand for supplies during the pandemic, the hospital’s supply chain division will ensure that there is team collaboration working with the Strong Memorial Suppliers to facilitate the improvement of healthcare supplies. The supply chain will ultimately offer an insight that is needed to make smarter and faster decisions. There is a need to have an accurate means of handling the manufacturers and distributors shipping and delivery times which will regulate its impact on the hospital supply chain division.

The results of this project are useful because a standard policy that safeguards the Strong Hospital against shortages during a pandemic has been put in place. This policy will ensure that, there will always be uninterrupted distributions of medical supplies along with surplus stockpiles ready and available for delivery. In conclusion, yearly evaluations and updated methods are needed to ensure that the supply chain division is keeping up with

consistent deliveries.