Background and Importance

- **Forecasting** for major inventory parameters are expected to be more challenging than usual in times of crisis such as the pandemic.
- **Safety stock values** have a critical importance in crisis management for inventory management.

Aim and Objectives

Critical Item (methylprednisolone)

- Determining the service level
- Obtaining a more rational foresight to perform more accurate forecasts

Materials and Methods

- Average Demand
- St.Deviation of Demand
- Average Lead Time
- St.Deviation of Lead Time

Results

<table>
<thead>
<tr>
<th></th>
<th>Methylprednisolone</th>
</tr>
</thead>
<tbody>
<tr>
<td>Predefined Safety Stock Value</td>
<td>2823</td>
</tr>
<tr>
<td>Average Daily Demand</td>
<td>308</td>
</tr>
<tr>
<td>Average Lead Time</td>
<td>6 days</td>
</tr>
</tbody>
</table>

Conclusion and Relevance

- We can be in a better position to respond to fluctuations of demand
- Our department would observe an increase in inventory costs

- In this respect, making a balanced decision is important for inventory management.