

## BACKGROUND

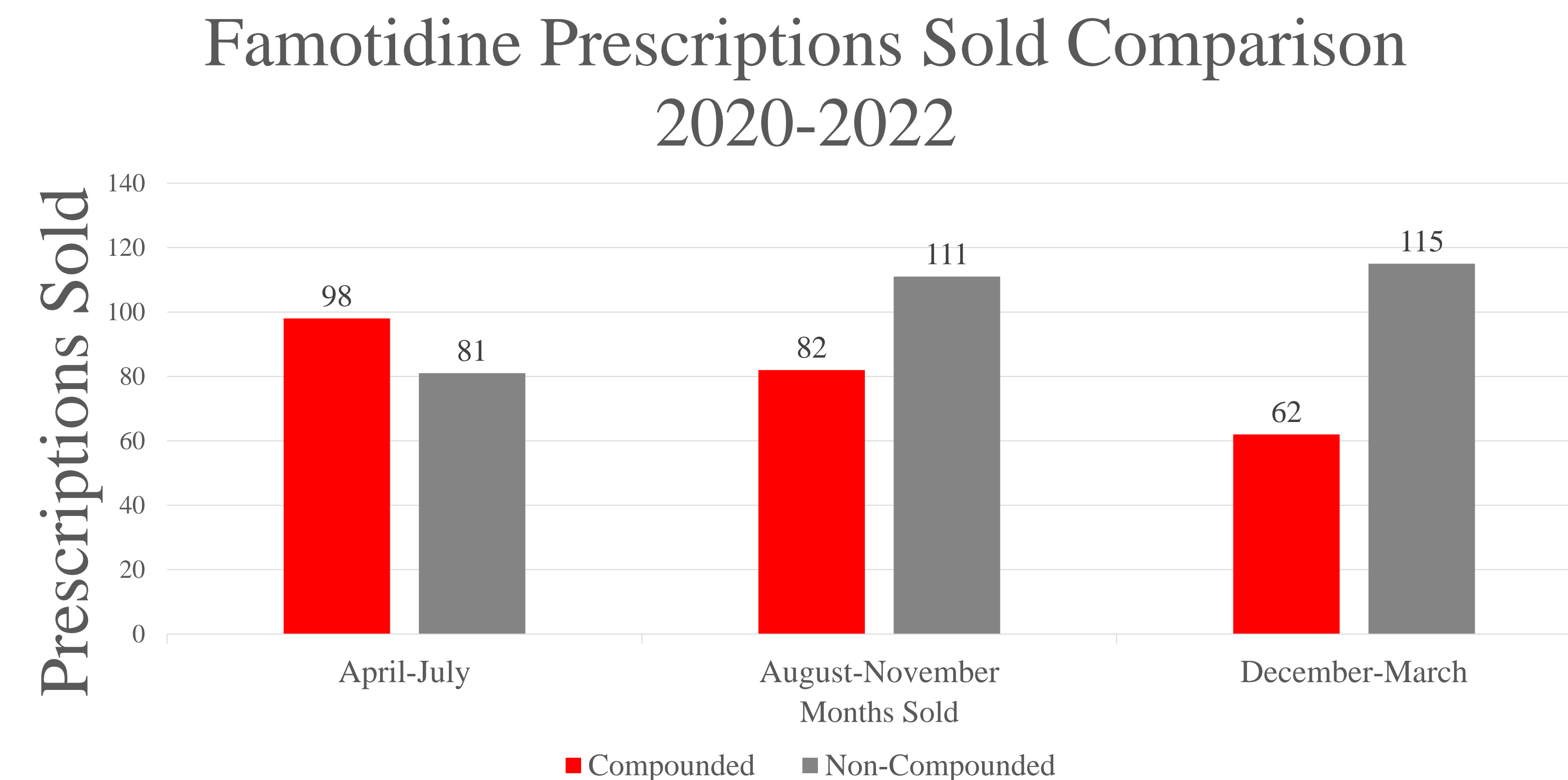
- Medication shortages are a never-ending issue in community pharmacies
- Strategies to get around this issue are few and far in between.
- In the community pharmacy space non-sterile compounding is an underutilized resource in general for many of these pharmacies
- Utilizing the previous history of a medication on the FDA shortage list that was able to be compounded, at this location, how to determine profitability and if a medication is worth pursuing for compounding

## Prerequisites

- USP 795 compounding standards
- Medication must be on the FDA medication shortage list.
  - Meaning it is commercially unavailable
- Existing compounding equipment and space
- Compounding space is compliant with USP and FDA standards.

## Financial Analysis/Implementation and Exit plan

- There is variability in costs for each medication, and the following model is just used as an example of this process
- Comparison of non-compounded Famotidine (2021-2022) vs. compounded famotidine (2020-2021) sales in a one-year period.



- Price breakdown per MEDISCA
  - Famotidine 100 grams= \$101.00
  - Lactose 2.5 kilograms= \$59.00
  - Gelatin Capsules 1000 capsules= \$14.00
  - Total Costs= \$174.00
  - Total Cost of Ingredients for 100 capsules=\$4.46
  - Total Cost of a 30-day supply for once daily dosing= \$30.00
    - Priced at \$1.00 per capsule to cover time to make and package the medication.
  - 60-day supply= \$35.00 | 90-day supply= \$40.00

- Implementing a SWOT analysis, for each medication undergoing review.
  - Used to determine further exploration into the possibility of compounding.
- Exit plan includes liquidation of assets to another compounding pharmacy/RLI, informing patients about the inability to continue the compound (transfers), contact prescribing physician.

## CONCLUSION

- This plan can play a critical role in addressing medication shortages
- If implemented this plan may meet the immediate needs of patients, but also contribute to the overall healthcare ecosystem.

## References

[USP <795>](#)  
[FDA](#)  
[Medisca](#)  
[Non-Sterile to Sterile Compounding: An Unconventional Response During the COVID-19 Pandemic. Journal of Pharmacy Practice](#)