

# Acceptability of Juven Supplement Among Inpatient Population



## Background

- Juven has been clinically shown to support wound healing in 2 weeks ("Juven," n.d.).
- See Juven image to the left for more nutrition information and recommendations.
- A study researching patient compliance with consuming nutrition supplements done by Lad, Gott, and Gariballa (2005) found the following:

Only 43% of the study population consumed 80% of the prescribed supplement amount

Some influential factors on the outcome were taste and flavor

## Methodology

- **Sample:** 5 patients with a Juven order in an inpatient, acute-care setting
- **Procedures:** Every day for 4 weeks, we asked if the dietitians had any patients with a supplement order for Juven. For the patients that had an order and tried it, the following questions were asked:

Do you like the taste of the product?

If no, would you still consume it for wound-healing benefits?

If no, what would make the product more acceptable?

## Results

Pt	Acceptability	Would still consume?	What will make it better?
1	Dislike	No	Different flavor
2	Dislike	No	Different flavor
3	Dislike	Yes	DK, maybe different flavor
4	Like	Yes	-
5	Dislike	Yes	DK

Dislike (n=4) 80% | Re-consume (n=3) 60%  
Like (n=1) 20% | Not re-consume (n=2) 40%  
Total (n=5) 100%

## Introduction

The dietitians at OSF St. Joseph Medical Center order Juven for patients they determine are in need of increased nutrient needs related specifically to wound healing. However, it is unknown if the supplement is perceived as acceptable and is actually consumed by patients. The purpose of this study is to determine the taste acceptability of Juven among the inpatient population to determine if the supplement is worth the cost.

## Interpretation



60%  
would consume again

- The majority of patients would consume Juven again despite 80% of them finding the taste unacceptable.

Based on the results, patients are likely to comply with taking Juven and benefit from its properties that aid in wound healing

## Further Research



- Further research done on this topic could compare the different flavors of Juven for acceptability, as this study only analyzed one flavor.

- Due to the limitation of this study's small sample size, a study with a larger sample may provide further insight.

## References

- Juven. (n.d.) Retrieved from <https://abbottnutrition.com/juven>.
- Lad, H., Gott, M., & Gariballa, S. (2005). Elderly patient compliance and elderly patients and health professional's views and attitudes towards prescribed sip-feed supplements. *Journal of Nutrition, Health, and Aging*, 9(5), 310-4.

