

DISSERTATION SYNOPSIS

MANPREET SINGH

BATCH – PM-14

ROLL NO – 0403

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TITLE –

To bridge the gap of prescriber's perception in regards of nutraceutical products.

INTRODUCTION-

Nutraceutical products can be considered non-specific biological therapies used to promote general well-being, control symptoms, and prevent malignant processes. The term “nutraceutical” combines the two words “nutrient,” which is a nourishing food component, and “pharmaceutical,” which is a medical drug.

RESEARCH QUESTIONS –

1. What are the perceptions of prescribers regarding the efficacy and safety of nutraceutical products?
2. What factors influence prescribers' attitudes towards recommending nutraceutical products to patients?
3. How do prescribers perceive the efficacy and safety of nutraceutical products compared to pharmaceuticals?

OBJECTIVES –

1. To assess prescriber knowledge and attitudes towards nutraceutical products.
2. To evaluate current practices in nutraceutical recommendations by prescribers.
3. To identify barriers and facilitators influencing prescriber use of nutraceuticals.

HYPOTHESIS:

Prescribers' perceptions of nutraceutical products will be influenced by factors such as their education, training, and exposure to evidence-based research. Additionally, prescribers who have positive attitudes towards integrative medicine may have more favorable perceptions of nutraceutical products compared to traditional pharmaceuticals.

MATERIAL & METHODS –

Study Design –

This study will utilize a cross-sectional observational design to collect data from prescribers across various healthcare settings

Study Population:

The target population will be licensed prescribers in Ludhiana, Punjab India. This could include other healthcare professionals authorized to prescribe nutraceuticals.

SETTING –

Hexagon Nutrition, Ludhiana (Punjab)

STUDY POPULATION –

1. Inclusion Criteria–

- Licensed prescriber practicing In Ludhiana, Punjab, India.
- Hospitals
- Willingness to participate in the study.

2. Exclusion Criteria:

- Prescribers on leave or unable to participate due to time constraints.
- Healthcare professionals who are not licensed to prescribe medications.

3. STUDY TOOLS –

A structured questionnaire will be developed to gather data on prescribers' perceptions, attitudes, and knowledge regarding nutraceutical products.

4. SAMPLE SIZE -

All pharmacists and dieticians in the Hospitals of Ludhiana, Punjab. The sample size will be determined using appropriate statistical methods to ensure adequate power to detect meaningful differences in perceptions among prescribers.

5. DURATION OF STUDY

90 days – March 24,2024 – June 13,2024

SAMPLING TECHNIQUE-

Convincing Sampling.

DATA COLLECTION PLAN-

- Development of the questionnaire based on research questions and objectives.
- Pilot testing of the questionnaire for validity and reliability.
- Recruitment of participants from various healthcare settings.
- Distribution of the questionnaire and collection of responses.
- Data cleaning and analysis using appropriate statistical methods.
- Interpretation of findings and dissemination of results through research publications and presentations.

ETHICAL CONSIDERATIONS –

Informed consent from all the study participants.

IMPLICATIONS OF RESEACH-

This research aims to provide valuable insights into the perceptions of prescribers regarding nutraceutical products. The findings may inform healthcare policies, educational interventions, and clinical practice guidelines to promote better integration of nutraceuticals into patient care.

INFERENCES –

Vishvakarma, P., Mandal, S., & Verma, A. (2023). A review on current aspects of nutraceuticals and dietary supplements. *International Journal of Pharma Professional's Research (IJPPR)*, 14(1), 78-91.

Hussain, B., Sajid, M. A., Nabeel, M., Saeed, A., & Shah, A. A. (2020). Study of assessment of knowledge of patients and health care professionals about the use of nutraceuticals. *World Journal of Pharmaceutical Research*, 9(6), 49-119.

Conover, E. A. (2002). Over-the-counter products: nonprescription medications, nutraceuticals, and herbal agents. *Clinical obstetrics and gynecology*, 45(1), 89-98.