

do you need to take calculus for nursing

do you need to take calculus for nursing is a common question among prospective nursing students. As you embark on your journey into the nursing field, understanding the prerequisites for nursing programs is crucial. While many students focus on the core subjects of biology and chemistry, mathematics—specifically calculus—often raises questions. This article will explore the role of calculus in nursing education, whether it is a requirement for nursing programs, and how math skills generally contribute to a successful nursing career. By the end, you will have a clearer understanding of the mathematical foundation necessary for nursing and how it impacts your educational path.

- Introduction
- Understanding Nursing Program Requirements
- The Role of Mathematics in Nursing
- Calculus vs. Other Math Requirements
- Benefits of Taking Calculus for Nursing Students
- Alternatives to Calculus in Nursing Education
- Conclusion
- FAQ

Understanding Nursing Program Requirements

Nursing programs vary significantly in their admission requirements, which can depend on the type of degree pursued—whether an Associate's Degree in Nursing (ADN), a Bachelor of Science in Nursing (BSN), or higher degrees. Most nursing programs require applicants to complete specific prerequisite courses, which typically include subjects like biology, chemistry, and anatomy. However, the mathematics requirements can differ widely between institutions.

While some programs may include calculus as a prerequisite, many nursing schools focus on general math skills, statistics, and algebra. To determine whether calculus is necessary for your desired program, it is essential to

research the specific admission criteria for each school. Consulting the program's website or contacting the admissions office can provide clarity on this topic.

The Role of Mathematics in Nursing

Mathematics plays a vital role in nursing, impacting various aspects of patient care and clinical practices. Nurses use mathematical concepts to perform medication calculations, assess patient data, and understand medical statistics. The ability to interpret numerical information accurately is critical for ensuring patient safety and effective treatment.

Key Mathematical Skills Used in Nursing

Some mathematical skills frequently utilized in nursing include:

- **Medication Calculations:** Nurses must calculate dosages, intravenous (IV) drip rates, and other medication-related figures to administer treatments safely.
- **Conversion of Units:** Understanding how to convert between different units of measurement, such as milligrams to grams, is essential in clinical settings.
- **Statistics:** Analyzing patient data and research findings requires a grasp of statistical concepts to make informed decisions.
- **Basic Algebra:** Nurses often use algebraic principles to solve equations related to dosage calculations and fluid balance.

While calculus is not commonly used in daily nursing practice, a solid foundation in mathematics overall is indispensable for success in the field.

Calculus vs. Other Math Requirements

When considering whether to take calculus for nursing, it is essential to differentiate between calculus and other mathematical requirements. Many nursing programs require students to complete courses in basic math, algebra, and statistics, which are more directly applicable to nursing duties.

Common Math Courses for Nursing Students

Most nursing programs require some combination of the following math courses:

- **Algebra:** Fundamental for all subsequent math courses and essential for understanding basic mathematical operations.
- **Statistics:** Critical for interpreting research results and understanding health data.
- **Basic Math:** Covers foundational skills necessary for calculations in nursing.

Benefits of Taking Calculus for Nursing Students

Although calculus is not a typical requirement for nursing programs, there are some benefits to taking calculus courses. First, calculus develops critical thinking and problem-solving skills that are useful in any scientific field, including nursing. Additionally, the analytical skills acquired through calculus can enhance a student's ability to understand complex medical concepts and research.

Potential Advantages of Calculus

Some advantages of studying calculus include:

- **Enhanced Analytical Skills:** Calculus encourages logical reasoning and analytical thinking, which are valuable in nursing assessments.
- **Preparation for Advanced Study:** If you consider pursuing advanced degrees in nursing or related fields, calculus may be required.
- **Improved Understanding of Medical Research:** Many studies in healthcare utilize calculus-based models, and familiarity with these concepts can be beneficial.

Alternatives to Calculus in Nursing Education

If calculus is not a requirement for your nursing program, there are alternative pathways to ensure you are prepared for the mathematical demands of the profession. Focusing on statistics and basic math courses will provide the necessary skills for most nursing tasks without the need for calculus.

Recommended Courses

Students aiming for a nursing career should prioritize the following math courses:

- **Statistics:** Essential for evaluating health research and patient data.
- **Basic Math Skills:** A refresher course in arithmetic and introductory math can help build confidence and competency.
- **Mathematics for Health Sciences:** Some institutions offer specialized courses tailored for nursing students that cover relevant math skills.

Conclusion

In summary, whether you need to take calculus for nursing depends largely on the specific requirements of the nursing program you choose. While calculus is generally not a prerequisite for most nursing degrees, a strong foundation in mathematics is crucial. Understanding medication calculations, statistical analysis, and basic math skills will serve you well in your nursing career. If you are considering advanced study or want to enhance your analytical skills, taking calculus may still be beneficial. Ultimately, focus on fulfilling your program's requirements and building the mathematical skills necessary for effective nursing practice.

FAQ

Q: Is calculus a requirement for all nursing programs?

A: No, calculus is not a requirement for all nursing programs. Most programs focus on basic math, algebra, and statistics instead.

Q: What math courses should I take for nursing?

A: Common math courses for nursing include basic math, algebra, and statistics. These courses will equip you with the necessary skills for nursing calculations.

Q: How does math apply to nursing practice?

A: Math is essential in nursing for medication calculations, converting units, and interpreting patient data and research statistics.

Q: Can I succeed in nursing without taking calculus?

A: Yes, you can succeed in nursing without taking calculus, as most nursing practices do not require it. Focus on the required math courses for your program.

Q: What are the benefits of taking calculus if it is not required?

A: Taking calculus can enhance your analytical and problem-solving skills, which can be beneficial for understanding complex medical concepts and research.

Q: Do I need to be good at math to become a nurse?

A: While you do not need to be a math expert, a solid understanding of basic math and some algebra is important for medication calculations and other nursing tasks.

Q: How can I improve my math skills for nursing?

A: You can improve your math skills by taking refresher courses, practicing math problems, and focusing on math specifically related to health sciences.

Q: Are there any online resources to help with nursing math skills?

A: Yes, there are many online resources, including tutorials, practice problems, and videos that focus on nursing-related math skills.

Q: Should I consult with an academic advisor about

math requirements for nursing?

A: Yes, consulting with an academic advisor can provide you with personalized guidance regarding math requirements and help you plan your course schedule effectively.

[Do You Need To Take Calculus For Nursing](#)

Find other PDF articles:

<https://explore.gcts.edu/textbooks-suggest-003/Book?ID=oEP25-7229&title=mechanics-of-materials-textbooks.pdf>

do you need to take calculus for nursing: *Critical Thinking 5th edition* Richard L Epstein, Michael Rooney, 2018-11-01 This fifth edition of Critical Thinking by the noted logician Richard L. Epstein is practical, engaging, and easy to teach. Students enjoy and understand it because it is clear and has hundreds of examples using a cast of characters who reason as we do every day. More than 1,000 exercises lead students to be able to reason well in their courses and their lives. Essay writing lessons and visual writing lessons, using the cast of characters, teach students that first comes clear thinking and then comes clear writing. A complete and comprehensive Instructor's Manual makes the text easy to teach and grade. New to this edition: chapters on explanations and reasoning in the sciences. • Over 1,000 examples and exercises from daily life. • A dozen original writing lessons fully integrated with the text. • Unique cartoon writing lessons help students apply critical thinking to non-verbal situations.

do you need to take calculus for nursing: *How to Teach Mathematics, Second Edition* Steven George Krantz, 1999 This expanded edition of the original bestseller, How to Teach Mathematics, offers hands-on guidance for teaching mathematics in the modern classroom setting. Twelve appendices have been added that are written by experts who have a wide range of opinions and viewpoints on the major teaching issues. Eschewing generalities, the award-winning author and teacher, Steven Krantz, addresses issues such as preparation, presentation, discipline, and grading. He also emphasizes specifics--from how to deal with students who beg for extra points on an exam to mastering blackboard technique to how to use applications effectively. No other contemporary book addresses the principles of good teaching in such a comprehensive and cogent manner. The broad appeal of this text makes it accessible to areas other than mathematics. The principles presented can apply to a variety of disciplines--from music to English to business. Lively and humorous, yet serious and sensible, this volume offers readers incisive information and practical applications.

do you need to take calculus for nursing: Mathematical Aspects of Artificial Intelligence Frederick Hoffman, American Mathematical Society, 1998 There exists a history of great expectations and large investments involving artificial intelligence (AI). There are also notable shortfalls and memorable disappointments. One major controversy regarding AI is just how mathematical a field it is or should be. This text includes contributions that examine the connections between AI and mathematics, demonstrating the potential for mathematical applications and exposing some of the more mathematical areas within AI. The goal is to stimulate interest in people who can contribute to the field or use its results. Included in the work by M. Newborn on the famous Deep Blue chess match. He discusses highly mathematical techniques involving graph theory, combinatorics and probability and statistics. G. Shafer offers his development of probability through probability trees with some of the results appearing here for the first time. M. Golumbic treats

temporal reasoning with ties to the famous Frame Problem. His contribution involves logic, combinatorics and graph theory and leads to two chapters with logical themes. H. Kirchner explains how ordering techniques in automated reasoning systems make deduction more efficient. Constraint logic programming is discussed by C. Lassez, who shows its intimate ties to linear programming with crucial theorems going back to Fourier. V. Nalwa's work provides a brief tour of computer vision, tying it to mathematics - from combinatorics, probability and geometry to partial differential equations. All authors are gifted expositors and are current contributors to the field. The wide scope of the volume includes research problems, research tools and good motivational material for teaching.

do you need to take calculus for nursing: Teaching the Female Brain Abigail Norfleet James, 2011-12-15 James' text is a wonderful resource for teachers and parents of girls. The practical suggestions for math and science teachers are an absolute highlight. If educators read and follow the encouraging suggestions in this book, more girls would be empowered to succeed in math and science. —Kate Broadley, Researcher Alliance of Girls' Schools Incorporate brain-based research to empower girls in the classroom! As any classroom teacher can tell you, there are discernible differences in the way girls and boys learn. This engaging, practical guide examines how girls' unique sensory, physical, cognitive, and emotional characteristics affect their performance in the classroom, and shows you how to adapt classroom experiences to assist girls' learning, particularly in math and science. Abigail Norfleet James provides research-based findings to build your understanding of how females learn differently, whether in coed or single-sex settings, and clarifies assumptions held by both teachers and students about themselves. Inside, readers will find: Specific instructional techniques and practical applications for differentiating instruction in math and science Ways of dealing with girls' stress Up-to-date findings on left- vs. right-brain learning, styles of learning, and math anxiety Resources, figures, and charts, as well as quizzes in each chapter that introduce the topic and challenge preconceived notions of learning differences Teach in ways that complement the female brain and give girls the best education possible!

do you need to take calculus for nursing: How to Teach Mathematics Steven G. Krantz, 2015-10-07 This third edition is a lively and provocative tract on how to teach mathematics in today's new world of online learning tools and innovative teaching devices. The author guides the reader through the joys and pitfalls of interacting with modern undergraduates--telling you very explicitly what to do and what not to do. This third edition has been streamlined from the second edition, but still includes the nuts and bolts of good teaching, discussing material related to new developments in teaching methodology and technique, as well as adding an entire new chapter on online teaching methods.

do you need to take calculus for nursing: Med Math Simplified - Second Edition Jamie Davis, RN, NRP, BA, AAS, 2017-10-02 Struggling with medication math in nursing or paramedic school? Worried you've calculated the wrong medication dose for your patient? This book is for you. Med Math Simplified represents the hard lessons learned by the author while becoming a paramedic and later a nurse. It uses the concepts of dimensional analysis with a good old common sense approach to learning the math and formulas needed to safely and correctly arrive at drug doses for your patients. This book was originally created as part of an online video course where Jamie took viewers on a step-by-step tour of the problems and equations in the program. Many of his audience members wanted a resource they could take with them after the course to review and practice the skills learned in the video program. Thus the eBook and paperback book versions of the program were born.

do you need to take calculus for nursing: Teaching Mathematics Through Games Mindy Capaldi, 2021-05-18 Active engagement is the key to learning. You want your students doing something that stimulates them to ask questions and creates a need to know. Teaching Mathematics Through Games presents a variety of classroom-tested exercises and activities that provoke the active learning and curiosity that you hope to promote. These games run the gamut from well-known favorites like SET and Settlers of Catan to original games involving simulating structural inequality

in New York or playing Battleship with functions. The book contains activities suitable for a wide variety of college mathematics courses, including general education courses, math for elementary education, probability, calculus, linear algebra, history of math, and proof-based mathematics. Some chapter activities are short term, such as a drop-in lesson for a day, and some are longer, including semester-long projects. All have been tested, refined, and include extensive implementation notes.

do you need to take calculus for nursing: *Memoirs of a High School Dropout: Secrets to Success* Samuel Hobbs, 2008-07-29 Meet Sam. He is your typical, over-achieving high school student. But, with 40 days left to graduate, 17-year-old Sam Hobbs dropped out of high school... And he has never enjoyed life more. Be with Sam as he struggles through childhood, rebels through adolescence, but somehow learns what it takes to make it to the top.

do you need to take calculus for nursing: *Critical Thinking* Richard L. Epstein, 2002 Featuring its own cast of characters, a personal and accessible tone, and carefully crafted in step by step units, Epstein's CRITICAL THINKING sets new standards of clarity for presenting subject matter. Extensively class tested, the text uses an enormous number of everyday examples and exercises to illuminate key points and ideas. It is the only text in philosophy in which students work with cartoons to convert the non-verbal into arguments and arrive at conceptual understanding. It is also the only text-workbook-instructor's manual system designed and constructed simultaneously to provide the most fully integrated learning and teaching system available.

do you need to take calculus for nursing: *How to Reason + Reasoning in the Sciences* Richard L Epstein, 2019-02-05 Too often we're guided by what we last heard, by our friends' approval, by impulse—our desires, our fears. Without reflection. Without even stopping to think. ** In this book you'll learn how to reason and find your way better in life. You'll learn to see the consequences of what you and others say and do. You'll learn to see the assumptions that you and others make. You'll learn how to judge what you should believe. These are the skills we all need to make good decisions. ** Claims. Arguments. Fallacies. Analogies. Generalizing. Cause and Effect. Explanations. These are clearly set out with hundreds of examples from daily life showing how to use them. Illustrations using a cast of cartoon characters make the concepts memorable. And many exercises will help you to check your understanding. ** Truly a book for all—from high school to graduate school, from auto repair to managing a company. How to Reason will help you find a way in life that is clearer and not buffeted by the winds of nonsense and fear. ***** In Reasoning in the Sciences, you'll learn how to use your reasoning skills to understand how scientists make definitions, what an experiment is, what can go wrong with an experiment, how scientists reason with models and theories, what counts as a good explanation in science, and how to distinguish science from magic, religion, and fraud. No background in science is needed, just a healthy appetite for learning.

do you need to take calculus for nursing: *The Pocket Guide to Critical Thinking* Richard L Epstein, 2019-07-09 First comes clear thinking, then comes clear writing. *** The Pocket Guide to Critical Thinking teaches very clearly the essential skills to reason better—for classwork, for writing, and in everyday life. Hundreds of pertinent, analyzed, and engaging examples from the Internet, magazines, newspapers, radio, as well as dialogues of cartoon characters illustrate how to analyze arguments and make better decisions. The Pocket Guide is both the perfect supplement for any course that requires critical thinking and a practical aid for self-study. This fifth edition has new chapters on reasoning in the sciences that provide the basics for any student to begin the study of any science: explanations, experiments, the scientific methods, and models and theories.

do you need to take calculus for nursing: *Teaching Secondary and Middle School Mathematics* Daniel J. Brahier, 2016-02-12 Teaching Secondary and Middle School Mathematics combines the latest developments in research, standards, and technology with a vibrant writing style to help teachers prepare for the excitement and challenges of teaching secondary and middle school mathematics today. In the fully revised fifth edition, scholar and mathematics educator Daniel Brahier invites teachers to investigate the nature of the mathematics curriculum and reflect on research-based best practices as they define and sharpen their own personal teaching styles. The

fifth edition has been updated and expanded with a particular emphasis on the continued impact of the Common Core State Standards for Mathematics and NCTM's just-released Principles to Actions, as well as increased attention to teaching with technology, classroom management, and differentiated instruction. Features include: A full new Chapter 7 on selection and use of specific tools and technology combined with Spotlight on Technology features throughout clearly illustrate the practical aspects of how technology can be used for teaching or professional development. Foundational Chapters 1 and 2 on the practices and principles of mathematics education have been revised to build directly on Common Core State Standards for Mathematics and Principles to Actions, with additional references to both documents throughout all chapters. A new Chapter 4 focuses on the use of standards in writing objectives and organizing lesson plan resources while an updated Chapter 5 details each step of the lesson planning process. A fully revised Chapter 12 provides new information on teaching diverse populations and outlines specific details and suggestions for classroom management for mathematics teachers. Classroom Dialogues features draws on the author's 35-year experience as an educator to present real-world teacher-student conversations about specific mathematical problems or ideas How Would You React? features prepares future teachers for real-life scenarios by engaging them in common classroom situations and offering tried-and-true solutions. With more than 60 practical, classroom-tested teaching ideas, sample lesson and activities, Teaching Secondary and Middle School Mathematics combines the best of theory and practice to provide clear descriptions of what it takes to be an effective teacher of mathematics.

do you need to take calculus for nursing: *If You're Not Going to College* Charles G. Spiegler, Martin Hamburger, 1959

do you need to take calculus for nursing: How to Reason Richard L. Epstein, 2019-02-05 Too often we're guided by what we last heard, by our friends' approval, by impulse—our desires, our fears. Without reflection. Without even stopping to think. In this book you'll learn how to reason and find your way better in life. You'll learn to see the consequences of what you and others say and do. You'll learn to see the assumptions that you and others make. You'll learn how to judge what you should believe. These are the skills we all need to make good decisions. Illustrations using a cast of cartoon characters make the concepts memorable. And many exercises will help you to check your understanding. Truly a book for all—from high school to graduate school, from auto repair to managing a company. How to Reason will help you find a way in life that is clearer and not buffeted by the winds of nonsense and fear.

do you need to take calculus for nursing: *Medical Bulletin of the European Command* , 1966

do you need to take calculus for nursing: **Guide to College Majors 2008** Princeton Review, Princeton Review Publishing Staff, 2005-02 Provides information on over three hundred common college majors, from accounting to zoology, including related fields, prior high school subjects, possible courses of study, and career and salary prospects for graduates.

do you need to take calculus for nursing: **Official Gazette of the United States Patent and Trademark Office** , 2006

do you need to take calculus for nursing: **Statistics for Advanced Practice Nurses and Health Professionals** Manfred Stommel, PhD, Katherine J. Dontje, 2014-06-09 Print+CourseSmart

do you need to take calculus for nursing: *Medical-surgical Care Planning* Nancy Meyer Holloway, 2004 Revised for nursing students, educators, and practicing nurses, this complete reference contains almost 100 comprehensive clinical care plans for adult patients in medical-surgical units. New to this edition are care plans for acute alcohol withdrawal, hypertensive crisis, Parkinson's disease, sickle cell disease, transplantation, and end of life.

do you need to take calculus for nursing: **Saunders Q&A Review for the NCLEX-RN® Examination E-Book** Linda Anne Silvestri, 2011-11-23 With more than 5,800 test questions, Saunders Q&A Review for the NCLEX-RN® Examination, 5th Edition provides the practice you need to succeed on the NCLEX-RN exam. To enhance your review, each question includes a test-taking strategy, rationales for correct and incorrect answers, and page references to major nursing

textbooks. The companion Evolve website adds a pre-test to help in identifying any areas of weakness, and lets you answer questions in quiz, study, or exam mode. Written by NCLEX review expert Linda Anne Silvestri, this book organizes questions to match the Client Needs and Integrated Processes found in the most recent NCLEX-RN test plan. This review is part of the popular Saunders Pyramid to Success, which has helped more than 1.5 million nurses pass the NCLEX exam! A detailed test-taking strategy is included for each question, providing clues for analyzing and selecting the correct answer. Rationales are provided for both correct and incorrect answer options. Questions categorized by Cognitive Level, Client Needs area, Integrated Process, and clinical content area help you focus on the question types you find most difficult. All alternate item format questions (multiple response, prioritizing, fill-in-the-blank, figure/illustration (hot spot), audio, video, and chart/exhibit) are included. Chapters organized by Client Needs simplify your review and reflect the question mix in the NCLEX-RN® test plan blueprint. A 85-question comprehensive exam represents the content and percentages of question types identified in the NCLEX-RN test plan. Preparation for your NCLEX-RN review includes chapters on nonacademic preparation, test-taking strategies, the CAT format, and a view of the NCLEX-RN from a new graduate's perspective. Page references to Elsevier textbooks direct you to remediation material for any question answered incorrectly. A companion Evolve website includes a pre-test to help in identifying any areas of weakness, and lets you answer questions in quiz, study, or exam mode. Automatic updates of the Evolve site allow you to check for changes to content or functionality throughout the life of the edition. Content from the most recent NCLEX-RN® test plan covers the newest topics you could see on the exam. 600 questions are added, for a total of 5,800 in the book and on the companion Evolve website. Hundreds of new alternate item format questions provide even more opportunity for practice. A Priority Nursing Tip is included with each question, providing important patient care information. A full-color design and over 20 new figures enhance understanding and increase the book's visual appeal. Review format includes chapters on how to study for and take the NCLEX examination, and includes a test for each Client Need category, a test on Integrated Processes, and a comprehensive test for practice in answering questions from all areas. A new content-area index makes it easier to find questions and review a given disorder/topic.

Related to do you need to take calculus for nursing

Osteopathic medicine: What kind of doctor is a D.O.? - Mayo Clinic You know what M.D. means, but what does D.O. mean? What's different and what's alike between these two kinds of health care providers?

Statin side effects: Weigh the benefits and risks - Mayo Clinic Statins lower cholesterol and protect against heart attack and stroke. But they may lead to side effects in some people. Healthcare professionals often prescribe statins for people

Arthritis pain: Do's and don'ts - Mayo Clinic Arthritis is a leading cause of pain and limited mobility worldwide. There's plenty of advice on managing arthritis and similar conditions with exercise, medicines and stress

Long COVID: Lasting effects of COVID-19 - Mayo Clinic COVID-19 can have lasting symptoms that affect many parts of the body. Learn more about the symptoms and effects of long COVID

Calorie Calculator - Mayo Clinic If you're pregnant or breast-feeding, are a competitive athlete, or have a metabolic disease, such as diabetes, the calorie calculator may overestimate or underestimate your actual calorie needs

Shingles - Symptoms & causes - Mayo Clinic Shingles is a viral infection that causes a painful rash. Shingles can occur anywhere on your body. It typically looks like a single stripe of blisters that wraps around the

Creatine - Mayo Clinic Find out how creatine might affect your athletic performance and how the supplement interacts with other drugs

Treating COVID-19 at home: Care tips for you and others COVID-19 can sometimes be treated at home. Understand emergency symptoms to watch for, how to protect others if you're ill,

how to protect yourself while caring for a sick loved

Vitamin B-12 - Mayo Clinic Know the causes of a vitamin B-12 deficiency and when use of this supplement is recommended

Parkinson's disease - Symptoms and causes - Mayo Clinic 3 days ago Parkinson's disease is a movement disorder of the nervous system that worsens over time. The nervous system is a network of nerve cells that controls many parts of the

Osteopathic medicine: What kind of doctor is a D.O.? - Mayo Clinic You know what M.D. means, but what does D.O. mean? What's different and what's alike between these two kinds of health care providers?

Statin side effects: Weigh the benefits and risks - Mayo Clinic Statins lower cholesterol and protect against heart attack and stroke. But they may lead to side effects in some people. Healthcare professionals often prescribe statins for people

Arthritis pain: Do's and don'ts - Mayo Clinic Arthritis is a leading cause of pain and limited mobility worldwide. There's plenty of advice on managing arthritis and similar conditions with exercise, medicines and stress

Long COVID: Lasting effects of COVID-19 - Mayo Clinic COVID-19 can have lasting symptoms that affect many parts of the body. Learn more about the symptoms and effects of long COVID

Calorie Calculator - Mayo Clinic If you're pregnant or breast-feeding, are a competitive athlete, or have a metabolic disease, such as diabetes, the calorie calculator may overestimate or underestimate your actual calorie needs

Shingles - Symptoms & causes - Mayo Clinic Shingles is a viral infection that causes a painful rash. Shingles can occur anywhere on your body. It typically looks like a single stripe of blisters that wraps around the

Creatine - Mayo Clinic Find out how creatine might affect your athletic performance and how the supplement interacts with other drugs

Treating COVID-19 at home: Care tips for you and others COVID-19 can sometimes be treated at home. Understand emergency symptoms to watch for, how to protect others if you're ill, how to protect yourself while caring for a sick loved

Vitamin B-12 - Mayo Clinic Know the causes of a vitamin B-12 deficiency and when use of this supplement is recommended

Parkinson's disease - Symptoms and causes - Mayo Clinic 3 days ago Parkinson's disease is a movement disorder of the nervous system that worsens over time. The nervous system is a network of nerve cells that controls many parts of the body,

Back to Home: <https://explore.gcts.edu>