

anatomy of kidney quiz

anatomy of kidney quiz is an engaging and educational way to explore the intricate structure and function of the kidneys. Understanding the anatomy of these vital organs can enhance your knowledge of human biology and medicine. This article provides an in-depth look at the kidneys, their components, and their functions, along with an informative quiz to test your understanding. You will discover the key parts of the kidneys, their roles in the urinary system, and common disorders that can affect them. Prepare to deepen your understanding of renal anatomy and physiology through this comprehensive guide.

- Understanding Kidney Anatomy
- Major Components of the Kidney
- Functions of the Kidney
- Common Kidney Disorders
- Taking the Anatomy of Kidney Quiz
- Conclusion

Understanding Kidney Anatomy

The kidneys are vital organs that play a crucial role in maintaining the body's homeostasis. They are bean-shaped structures located retroperitoneally on either side of the spine. Each adult kidney is approximately 10 to 12 centimeters long and weighs about 150 grams. The kidneys are responsible for filtering blood, removing waste products, and regulating fluid balance. Understanding kidney anatomy is essential for anyone interested in medicine, biology, or health sciences.

Anatomically, the kidneys consist of various regions, including the renal cortex, renal medulla, and renal pelvis. The renal cortex is the outer layer, while the renal medulla is located beneath it, containing the renal pyramids. The renal pelvis collects urine before it passes into the ureters. The kidneys are also highly vascularized, receiving about 20% of the cardiac output, which is critical for their filtering functions.

Major Components of the Kidney

The anatomy of the kidneys can be broken down into several key components, each playing a specific role in kidney function. Understanding these components is vital for anyone taking the anatomy of kidney quiz.

Renal Cortex

The renal cortex is the outermost layer of the kidney. It contains the renal corpuscles, which are essential for the filtration of blood. The nephron, the functional unit of the kidney, begins in the cortex. Each kidney contains approximately one million nephrons, which are responsible for filtering blood and producing urine.

Renal Medulla

The renal medulla lies beneath the cortex and consists of renal pyramids separated by renal columns. The renal pyramids contain the loops of Henle and collecting ducts, which are crucial for urine concentration. The arrangement of the pyramids and columns gives the medulla a striated appearance, which is essential for its function in urine formation.

Renal Pelvis

The renal pelvis is a funnel-shaped structure that collects urine from the renal calyces before it enters the ureters. It acts as a conduit for urine transport and plays a role in the collection and drainage of urine produced by the nephrons. Understanding the renal pelvis's anatomy is important for comprehending how urine flows from the kidneys to the bladder.

Nephrons

Nephrons are the functional units of the kidney, consisting of a renal corpuscle and a renal tubule. Each nephron is responsible for the filtration of blood and the reabsorption of water and electrolytes. The two main types of nephrons are cortical nephrons, which are located primarily in the cortex, and juxtamedullary nephrons, which extend deeper into the medulla. The nephron's structure is vital for understanding kidney function.

Functions of the Kidney

The kidneys serve several critical functions that are essential to maintaining overall health. These functions can be categorized into filtration, regulation, and hormone production.

Filtration

The primary function of the kidneys is to filter waste products from the blood. This includes the removal of urea, creatinine, and excess ions. The filtration process occurs in the glomerulus, where blood is filtered through a semipermeable membrane, allowing water and small molecules to pass while retaining larger proteins and blood cells.

Regulation of Fluid and Electrolytes

The kidneys play a key role in regulating the body's fluid balance and electrolyte levels. They adjust the excretion of water and electrolytes, such as sodium, potassium, and calcium, in response to the body's needs. This regulation is crucial for maintaining blood pressure and overall health.

Hormone Production

The kidneys produce several important hormones, including erythropoietin (EPO), which stimulates red blood cell production, and renin, which regulates blood pressure. Additionally, the kidneys are involved in the activation of vitamin D, which is necessary for calcium absorption in the intestines. These hormonal functions highlight the kidneys' role beyond mere filtration.

Common Kidney Disorders

Understanding kidney anatomy is essential for recognizing various disorders that can affect kidney function. Common kidney disorders include acute kidney injury, chronic kidney disease, and kidney stones.

Acute Kidney Injury (AKI)

Acute kidney injury is a sudden decrease in kidney function, often caused by

factors such as dehydration, medications, or infections. It can lead to a buildup of waste products in the blood and requires prompt medical attention. Understanding the anatomy of the kidneys helps in diagnosing and managing AKI effectively.

Chronic Kidney Disease (CKD)

Chronic kidney disease is a progressive loss of kidney function over time, commonly due to diabetes or hypertension. It can lead to end-stage renal disease, necessitating dialysis or kidney transplantation. Knowledge of kidney anatomy aids healthcare professionals in assessing the extent of damage and planning treatment.

Kidney Stones

Kidney stones are hard deposits formed from minerals and salts in the urine. They can cause severe pain and complications if they obstruct the urinary tract. Understanding the anatomy of the urinary system is crucial for diagnosing and treating kidney stones, as well as for preventing recurrence.

Taking the Anatomy of Kidney Quiz

Engaging in an anatomy of kidney quiz is an excellent way to reinforce what you have learned about the kidneys. Quizzes can range from basic identification of kidney structures to more complex questions about functions and disorders. They can help solidify your understanding and prepare you for further studies in health sciences.

When taking a quiz, consider the following tips to maximize your learning experience:

- Review the anatomy and functions of the kidneys thoroughly.
- Practice with diagrams to visualize kidney structures.
- Take quizzes that cover a broad range of topics related to kidney health.
- Use flashcards to memorize key terms and concepts.
- Discuss questions with peers to deepen understanding.

Conclusion

Understanding the anatomy of the kidneys is fundamental to grasping their crucial role in human physiology. From filtering blood to regulating fluid balance and producing hormones, the kidneys are indispensable to overall health. Engaging with an anatomy of kidney quiz can enhance your knowledge and retention of this vital information. As you continue to explore the complexities of renal anatomy and function, remember that a solid foundation in these concepts is key to succeeding in fields related to medicine and health sciences.

Q: What is the primary function of the kidneys?

A: The primary function of the kidneys is to filter waste products from the blood, regulate fluid and electrolyte balance, and produce hormones that are essential for various bodily functions.

Q: How many nephrons are there in each kidney?

A: Each kidney contains approximately one million nephrons, which are the functional units responsible for filtering blood and producing urine.

Q: What are common disorders of the kidneys?

A: Common kidney disorders include acute kidney injury, chronic kidney disease, kidney stones, and glomerulonephritis, among others.

Q: How do the kidneys regulate blood pressure?

A: The kidneys regulate blood pressure by controlling the volume of blood and the concentration of electrolytes. They also produce renin, which helps regulate blood pressure through the renin-angiotensin-aldosterone system.

Q: What role do the kidneys play in hormone production?

A: The kidneys produce several important hormones, including erythropoietin, which stimulates red blood cell production, and active vitamin D, which is necessary for calcium absorption.

Q: What is acute kidney injury?

A: Acute kidney injury is a sudden decline in kidney function, often caused by factors such as dehydration, medication, or underlying health conditions,

leading to a buildup of waste products in the blood.

Q: What is chronic kidney disease?

A: Chronic kidney disease is a progressive loss of kidney function over time, commonly resulting from diabetes or hypertension, which can eventually lead to end-stage renal disease requiring dialysis or transplantation.

Q: What are kidney stones and how do they form?

A: Kidney stones are hard mineral and salt deposits that form in the kidneys when there is an imbalance in the substances that make up urine, leading to crystallization.

Q: Why is it important to understand kidney anatomy?

A: Understanding kidney anatomy is essential for recognizing their functions, diagnosing disorders, and applying this knowledge in medical and health-related fields.

[Anatomy Of Kidney Quiz](#)

Find other PDF articles:

<http://www.speargroupllc.com/business-suggest-027/pdf?dataid=bHM82-7413&title=t-shirt-business-shopify.pdf>

anatomy of kidney quiz: Anatomy & Physiology All-in-One For Dummies (+ Chapter Quizzes Online) Erin Ody, 2023-03-28 The knee-bone's connected to the...what was it again? From complicated Latin names to what can seem like a million-and-one things to memorize, no one's saying anatomy and physiology is easy. But, with a little help from your friends at Dummies, it doesn't have to be impossible! Anatomy & Physiology All-in-One For Dummies is your go-to guide for developing a deep understanding of the parts of the human body and how it works. You'll learn the body's structures and discover how they function with expert help from the book's easy-to-use teaching features. You can even go online to access interactive chapter quizzes to help you absorb the material. With this book, you'll: Get a grip on key concepts and scientific terminology used to describe the human body Discover fun physiology facts you can apply to everyday life both inside and outside the classroom Learn how the body's different systems interact with one another So, if you're looking to ace that next test, improve your overall grade, reduce test anxiety, or just increase your confidence in the subject, grab a copy of Anatomy & Physiology All-in-One For Dummies. It's your one-stop, comprehensive resource for all things A&P!

anatomy of kidney quiz: *The Ohio State Medical Journal* , 1909

anatomy of kidney quiz: *Class 10 Biology MCQ (Multiple Choice Questions)* Arshad Iqbal, The Class 10 Biology Multiple Choice Questions (MCQ Quiz) with Answers PDF (10th Grade Biology

MCQ PDF Download): Quiz Questions Chapter 1-10 & Practice Tests with Answer Key (Biology Questions Bank, MCQs & Notes) includes revision guide for problem solving with hundreds of solved MCQs. Class 10 Biology MCQ with Answers PDF book covers basic concepts, analytical and practical assessment tests. Class 10 Biology MCQ PDF book helps to practice test questions from exam prep notes. The Class 10 Biology MCQs with Answers PDF eBook includes revision guide with verbal, quantitative, and analytical past papers, solved MCQs. Class 10 Biology Multiple Choice Questions and Answers (MCQs) PDF: Free download chapter 1, a book covers solved quiz questions and answers on chapters: Biotechnology, coordination and control, gaseous exchange, homeostasis, inheritance, internal environment maintenance, man and environment, pharmacology, reproduction, support and movement tests for school and college revision guide. Class 10 Biology Quiz Questions and Answers PDF, free download eBook's sample covers beginner's solved questions, textbook's study notes to practice online tests. The book Grade 10 Biology MCQs Chapter 1-10 PDF e-Book includes high school question papers to review practice tests for exams. Class 10 Biology Multiple Choice Questions (MCQ) with Answers PDF digital edition eBook, a study guide with textbook chapters' tests for NEET/MCAT/MDCAT/SAT/ACT competitive exam. 10th Grade Biology Mock Tests Chapter 1-10 eBook covers problem solving exam tests from biology textbook and practical eBook chapter wise as: Chapter 1: Biotechnology MCQ Chapter 2: Coordination and Control MCQ Chapter 3: Gaseous Exchange MCQ Chapter 4: Homeostasis MCQ Chapter 5: Inheritance MCQ Chapter 6: Internal Environment Maintenance MCQ Chapter 7: Man and Environment MCQ Chapter 8: Pharmacology MCQ Chapter 9: Reproduction MCQ Chapter 10: Support and Movement MCQ The Biotechnology MCQ PDF e-Book: Chapter 1 practice test to solve MCQ questions on Introduction to biotechnology, genetic engineering, alcoholic fermentation, fermentation, carbohydrate fermentation, fermentation and applications, fermenters, lactic acid fermentation, lungs, and single cell protein. The Coordination and Control MCQ PDF e-Book: Chapter 2 practice test to solve MCQ questions on Coordination, types of coordination, anatomy, autonomic nervous system, central nervous system, disorders of nervous system, endocrine glands, endocrine system, endocrine system disorders, endocrinology, glucose level, human body parts and structure, human brain, human ear, human nervous system, human physiology, human receptors, life sciences, nervous coordination, nervous system function, nervous system parts and functions, neurons, neuroscience, peripheral nervous system, receptors in humans, spinal cord, what is nervous system, and zoology. The Gaseous Exchange MCQ PDF e-Book: Chapter 3 practice test to solve MCQ questions on Gaseous exchange process, gaseous exchange in humans, gaseous exchange in plants, cellular respiration, exchange of gases in humans, lungs, photosynthesis, respiratory disorders, thoracic diseases, and zoology. The Homeostasis MCQ PDF e-Book: Chapter 4 practice test to solve MCQ questions on Introduction to homeostasis, plant homeostasis, homeostasis in humans, homeostasis in plants, anatomy, human kidney, human urinary system, kidney disease, kidney disorders, urinary system facts, urinary system functions, urinary system of humans, urinary system structure, and urine composition. The Inheritance MCQ PDF e-Book: Chapter 5 practice test to solve MCQ questions on Mendel's laws of inheritance, inheritance: variations and evolution, introduction to chromosomes, chromosomes and cytogenetics, chromosomes and genes, co and complete dominance, DNA structure, genotypes, hydrogen bonding, introduction to genetics, molecular biology, thymine and adenine, and zoology. The Internal Environment Maintenance MCQ PDF e-Book: Chapter 6 practice test to solve MCQ questions on Excretory system, homeostasis in humans, homeostasis in plants, kidney disorders, photosynthesis, renal system, urinary system functions, and urinary system of humans. The Man and Environment MCQ PDF e-Book: Chapter 7 practice test to solve MCQ questions on Bacteria, pollution, carnivores, conservation of nature, ecological pyramid, ecology, ecosystem balance and human impact, flow of materials and energy in ecosystems, flows of materials and ecosystem energy, interactions in ecosystems, levels of ecological organization, parasites, photosynthesis, pollution: consequences and control, symbiosis, and zoology. The Pharmacology MCQ PDF e-Book: Chapter 8 practice test to solve MCQ questions on Introduction to pharmacology, addictive drugs, antibiotics and vaccines, lymphocytes, medicinal drugs, and narcotics drugs. The Reproduction MCQ PDF

e-Book: Chapter 9 practice test to solve MCQ questions on Introduction to reproduction, sexual reproduction in animals, sexual reproduction in plants, methods of asexual reproduction, mitosis and cell reproduction, sperms, anatomy, angiosperm, calyx, endosperm, gametes, human body parts and structure, invertebrates, microspore, pollination, seed germination, sporophyte, and vegetative propagation. The Support and Movement MCQ PDF e-Book: Chapter 10 practice test to solve MCQ questions on Muscles and movements, axial skeleton, components of human skeleton, disorders of skeletal system, elbow joint, human body and skeleton, human body parts and structure, human ear, human skeleton, invertebrates, joint classification, osteoporosis, skeletal system, triceps and bicep, types of joints, and zoology.

anatomy of kidney quiz: Learn Human Body Anatomy by GoLearningBus WAGmob, 2015-01-20

anatomy of kidney quiz: Exercises for the Anatomy & Physiology Laboratory Erin C. Amerman, 2019-02-01 This concise, inexpensive, black-and-white manual is appropriate for one- or two-semester anatomy and physiology laboratory courses. It offers a flexible alternative to the larger, more expensive laboratory manuals on the market. This streamlined manual shares the same innovative, activities-based approach as its more comprehensive, full-color counterpart, *Exploring Anatomy & Physiology in the Laboratory*, 3e.

anatomy of kidney quiz: Standard Curriculum for Schools of Nursing National League of Nursing Education (U.S.). Committee on Education, 1922

anatomy of kidney quiz: Anatomy and Physiology for the Manual Therapies Andrew Kuntzman, Gerard J. Tortora, 2009-08-17 *Anatomy & Physiology for the Manual Therapies* 1e is designed to meet the specific needs of students preparing for careers in the manual therapies, such as massage therapy and careers as physical therapy assistants. This book provides the most appropriate depth of coverage for each body system -- in both narrative and visuals -- and by including relevant applications linking the content to situations they will face in their careers.

anatomy of kidney quiz: *Standard Curriculum for Schools of Nursing* National League of Nursing Education. Committee on Curriculum, 1920

anatomy of kidney quiz: *Exploring Anatomy & Physiology in the Laboratory, 4th Edition* Erin C. Amerman, 2022-01-14 Over three previous editions, *Exploring Anatomy & Physiology in the Laboratory* (EAPL) has become one of the best-selling A&P lab manuals on the market. Its unique, straightforward, practical, activity-based approach to the study of anatomy and physiology in the laboratory has proven to be an effective approach for students nationwide. This comprehensive, beautifully illustrated, and affordably priced manual is appropriate for a two-semester anatomy and physiology laboratory course. Through focused activities and by eliminating redundant exposition and artwork found in most primary textbooks, this manual complements the lecture material and serves as an efficient and effective tool for learning in the lab.

anatomy of kidney quiz: *A Reference List of Audiovisual Materials Produced by the United States Government* National Audiovisual Center, 1978

anatomy of kidney quiz: Living Anatomy Joseph E. Donnelly, 1990 This book takes a hands-on approach that aims to help students learn the essentials of anatomy quickly, easily, and functionally. Students locate anatomical structures on partners and then learn the structures' functions by manipulating their partners' movements. By becoming anatomy 'practitioners,' they learn what is relevant and applicable to their future professions

anatomy of kidney quiz: A Reference List of Audiovisual Materials Produced by the United States Government, 1978 National Audiovisual Center, 1978

anatomy of kidney quiz: Human Biology Daniel D. Chiras, 2013

anatomy of kidney quiz: A Reference List of Audiovisual Materials Produced by the United States Government, 1978

anatomy of kidney quiz: Physician Coding Exam Review 2013 - E-Book Carol J. Buck, 2012-12-14 - NEW! Real-world, physician-based coding cases provide extra practice and preparation for the CPC exam.

anatomy of kidney quiz: Facility Coding Exam Review 2013 - E-Book Carol J. Buck,

2012-12-14 - NEW! Facility-based coding activities challenge you to apply your knowledge to 35 realistic inpatient case scenarios, providing valuable practice and preparation for the CCS exam.

anatomy of kidney quiz: *Chironian* , 1885

anatomy of kidney quiz: *American Quarterly of Roentgenology* , 1919

anatomy of kidney quiz: *Human Form, Human Function: Essentials of Anatomy & Physiology, Enhanced Edition* Thomas H McConnell, Kerry L. Hull, 2020-03-27 Human Form, Human Function is the first essentials level text that seamlessly weaves together form (anatomy) with function (physiology), an approach that caters to how instructors teach and students learn. Authors Tom McConnell and Kerry Hull incorporate real-life case studies as the vehicle for learning how form and function are linked. Through careful organization, thoughtful presentation, and a conversational narrative, the authors have maintained a sharp focus on communication: between body organs and body systems, between artwork and student learning, between content and student comprehension. Each feature reinforces critical thinking and connects anatomy and physiology to the world of health care practice. This original text offers an exceptional student learning experience: an accessible and casual narrative style, dynamic artwork, and a complete suite of ancillaries help build a solid foundation and spark students' enthusiasm for learning the human body.

anatomy of kidney quiz: *Cerebrovascular Bibliography* , 1969-07

Related to anatomy of kidney quiz

Human Anatomy Explorer | Detailed 3D anatomical illustrations There are 12 major anatomy systems: Skeletal, Muscular, Cardiovascular, Digestive, Endocrine, Nervous, Respiratory, Immune/Lymphatic, Urinary, Female Reproductive, Male Reproductive,

Human body | Organs, Systems, Structure, Diagram, & Facts human body, the physical substance of the human organism, composed of living cells and extracellular materials and organized into tissues, organs, and systems. Human

TeachMeAnatomy - Learn Anatomy Online - Question Bank Explore our extensive library of guides, diagrams, and interactive tools, and see why millions rely on us to support their journey in anatomy. Join a global community of learners and

Human anatomy - Wikipedia Human anatomy can be taught regionally or systemically; [1] that is, respectively, studying anatomy by bodily regions such as the head and chest, or studying by specific systems, such

Human body systems: Overview, anatomy, functions | Kenhub This article discusses the anatomy of the human body systems. Learn everything about all human systems of organs and their functions now at Kenhub!

Open 3D Model | AnatomyTOOL Open Source and Free 3D Model of Human Anatomy. Created by Anatomists at renowned Universities. Non-commercial, University based. To learn, use and build on

Anatomy - MedlinePlus Anatomy is the science that studies the structure of the body. On this page, you'll find links to descriptions and pictures of the human body's parts and organ systems from head

Human Anatomy Explorer | Detailed 3D anatomical illustrations There are 12 major anatomy systems: Skeletal, Muscular, Cardiovascular, Digestive, Endocrine, Nervous, Respiratory, Immune/Lymphatic, Urinary, Female Reproductive, Male Reproductive,

Human body | Organs, Systems, Structure, Diagram, & Facts human body, the physical substance of the human organism, composed of living cells and extracellular materials and organized into tissues, organs, and systems. Human

TeachMeAnatomy - Learn Anatomy Online - Question Bank Explore our extensive library of guides, diagrams, and interactive tools, and see why millions rely on us to support their journey in anatomy. Join a global community of learners and

Human anatomy - Wikipedia Human anatomy can be taught regionally or systemically; [1] that is, respectively, studying anatomy by bodily regions such as the head and chest, or studying by specific systems, such

Human body systems: Overview, anatomy, functions | Kenhub This article discusses the anatomy of the human body systems. Learn everything about all human systems of organs and their functions now at Kenhub!

Open 3D Model | AnatomyTOOL Open Source and Free 3D Model of Human Anatomy. Created by Anatomists at renowned Universities. Non-commercial, University based. To learn, use and build on **Anatomy - MedlinePlus** Anatomy is the science that studies the structure of the body. On this page, you'll find links to descriptions and pictures of the human body's parts and organ systems from head

Human Anatomy Explorer | Detailed 3D anatomical illustrations There are 12 major anatomy systems: Skeletal, Muscular, Cardiovascular, Digestive, Endocrine, Nervous, Respiratory, Immune/Lymphatic, Urinary, Female Reproductive, Male Reproductive,

Human body | Organs, Systems, Structure, Diagram, & Facts human body, the physical substance of the human organism, composed of living cells and extracellular materials and organized into tissues, organs, and systems. Human

TeachMeAnatomy - Learn Anatomy Online - Question Bank Explore our extensive library of guides, diagrams, and interactive tools, and see why millions rely on us to support their journey in anatomy. Join a global community of learners and

Human anatomy - Wikipedia Human anatomy can be taught regionally or systemically; [1] that is, respectively, studying anatomy by bodily regions such as the head and chest, or studying by specific systems, such

Human body systems: Overview, anatomy, functions | Kenhub This article discusses the anatomy of the human body systems. Learn everything about all human systems of organs and their functions now at Kenhub!

Open 3D Model | AnatomyTOOL Open Source and Free 3D Model of Human Anatomy. Created by Anatomists at renowned Universities. Non-commercial, University based. To learn, use and build on **Anatomy - MedlinePlus** Anatomy is the science that studies the structure of the body. On this page, you'll find links to descriptions and pictures of the human body's parts and organ systems from head

Human Anatomy Explorer | Detailed 3D anatomical illustrations There are 12 major anatomy systems: Skeletal, Muscular, Cardiovascular, Digestive, Endocrine, Nervous, Respiratory, Immune/Lymphatic, Urinary, Female Reproductive, Male Reproductive,

Human body | Organs, Systems, Structure, Diagram, & Facts human body, the physical substance of the human organism, composed of living cells and extracellular materials and organized into tissues, organs, and systems. Human

TeachMeAnatomy - Learn Anatomy Online - Question Bank Explore our extensive library of guides, diagrams, and interactive tools, and see why millions rely on us to support their journey in anatomy. Join a global community of learners and

Human anatomy - Wikipedia Human anatomy can be taught regionally or systemically; [1] that is, respectively, studying anatomy by bodily regions such as the head and chest, or studying by specific systems, such

Human body systems: Overview, anatomy, functions | Kenhub This article discusses the anatomy of the human body systems. Learn everything about all human systems of organs and their functions now at Kenhub!

Open 3D Model | AnatomyTOOL Open Source and Free 3D Model of Human Anatomy. Created by Anatomists at renowned Universities. Non-commercial, University based. To learn, use and build on **Anatomy - MedlinePlus** Anatomy is the science that studies the structure of the body. On this page, you'll find links to descriptions and pictures of the human body's parts and organ systems from head

Related to anatomy of kidney quiz

Anatomy of the Kidney (News Medical6y) The renal system, also known as the urinary system, consists of the urethra, bladder, ureters, and the kidneys. The kidneys are two bean-shaped organs responsible for filtering minerals from the blood

Anatomy of the Kidney (News Medical6y) The renal system, also known as the urinary system, consists of the urethra, bladder, ureters, and the kidneys. The kidneys are two bean-shaped organs responsible for filtering minerals from the blood

Quiz, already used in elderly, could determine death risk for kidney dialysis patients of all ages (EurekAlert!12y) A simple six-question quiz, typically used to assess disabilities in the elderly, could help doctors determine which kidney dialysis patients of any age are at the greatest risk of death, new Johns

Quiz, already used in elderly, could determine death risk for kidney dialysis patients of all ages (EurekAlert!12y) A simple six-question quiz, typically used to assess disabilities in the elderly, could help doctors determine which kidney dialysis patients of any age are at the greatest risk of death, new Johns

Back to Home: <http://www.speargroupllc.com>