graft definition history

graft definition history is a topic that offers rich insights into the evolution of a word deeply rooted in medicine, politics, and society. This article explores the multifaceted meaning of "graft," tracing its definitions from ancient times to its contemporary usage. Readers will discover how the term originated, its transformation across cultures and centuries, and its significance in both scientific and colloquial contexts. We will examine the medical definition of graft, discuss its historical applications, and look at how the word became associated with political corruption. The article also delves into notable events and figures that influenced the term's history, providing a comprehensive understanding of "graft" in all its forms. Whether you are a student, researcher, or simply curious, this guide will clarify the key aspects of graft definition history and why it remains a relevant topic today.

- Origin and Etymology of "Graft"
- Medical Definition and Evolution
- Graft in Political and Social Contexts
- Historical Milestones and Key Events
- Modern Usage and Semantic Shifts
- Notable Cases and Figures in Graft History
- Summary of Key Points

Origin and Etymology of "Graft"

The Linguistic Roots of Graft

The word "graft" has a complex linguistic history, drawing from Old French, Latin, and Greek origins. Its earliest recorded usage dates back to the 15th century, where it referred to the act of inserting a shoot or twig into a plant to allow both to grow together. The term's etymology is linked to the Old French "graffe," derived from the Latin "graphium," meaning stylus or pencil, which itself comes from the Greek "graphein," meaning to write or to scratch. This evolution reflects the physical act of cutting and joining, foundational to the concept of grafting in horticulture and medicine.

Early Usage and Semantic Expansion

Initially, "graft" was strictly associated with agriculture and botany, describing a method of plant propagation. Over time, the definition expanded to encompass medical procedures involving the transplantation of tissues. By the 19th century, "graft" began to acquire new connotations, particularly in the context of political corruption, further broadening its semantic range.

Medical Definition and Evolution

Understanding Graft in Medicine

In modern medical terminology, a "graft" refers to the process of transplanting living tissue from one part of the body to another, or from one individual to another. This can involve skin, bone, blood vessels, or organs. The medical definition of graft has evolved significantly since its inception, now encompassing a wide array of procedures in reconstructive surgery, organ transplantation, and regenerative medicine.

Types of Medical Grafts

- Autograft: Tissue transplanted from one site to another within the same individual.
- Allograft: Tissue transplanted from one individual to another of the same species.
- Xenograft: Tissue transplanted from one species to another.
- Isograft: Tissue transplanted between genetically identical individuals.

These medical advancements in graft technology have saved countless lives and improved patient outcomes worldwide. The history of grafts in medicine reflects the progress of scientific understanding and surgical innovation.

Graft in Political and Social Contexts

The Shift to Political Corruption

In the late 19th and early 20th centuries, "graft" took on a new meaning in political discourse, signifying corruption, bribery, or illicit gain. This usage emerged largely in the United States, where political machines and unscrupulous officials exploited their positions for personal enrichment. The term "graft" came to denote the unlawful acquisition of money, privileges, or power through dishonest practices.

Social Implications and Popularity

The association of "graft" with corruption became widely recognized during periods of intense political scrutiny, such as the Progressive Era. Journalists, reformers, and politicians used the term to highlight abuses of power and demand accountability. The social implications of graft extended beyond politics, touching on business ethics and public trust.

Historical Milestones and Key Events

Botanical and Agricultural Innovations

The earliest milestones in graft definition history are found in ancient agricultural practices. Farmers in China, Greece, and Rome developed grafting techniques to improve crop yields and cultivate desirable plant traits. These innovations laid the groundwork for modern horticulture and contributed to the global spread of the term.

Advancements in Medical Grafting

The 20th century saw groundbreaking advancements in medical grafting, including the first successful organ transplants and the development of synthetic graft materials. Notable events such as the first kidney transplant in 1954 and the rise of tissue engineering redefined the possibilities of medical science.

Political Scandals and Reform Movements

Key historical events in political graft include notorious scandals like the Tammany Hall corruption in New York and the Teapot Dome scandal during the Harding administration. These incidents prompted major reforms and shaped public understanding of graft as a societal issue.

Modern Usage and Semantic Shifts

Contemporary Definitions of Graft

Today, "graft" retains its dual meaning in both medical and political contexts. In medicine, it describes a wide array of transplantation procedures, while in everyday language, it often refers to corruption or dishonesty. The modern definition is informed by centuries of usage and adaptation, making "graft" a versatile term in English.

Semantic Variations Across Cultures

The concept of graft also varies across cultures and languages. In some regions, it is strictly associated with biological processes, while in others, the term is synonymous with political wrongdoing. This semantic shift demonstrates the dynamic nature of language and the influence of historical events on word meanings.

Notable Cases and Figures in Graft History

Pioneers in Medical Grafting

Pioneers such as Dr. Joseph Murray, who performed the first successful organ transplant, have played crucial roles in medical graft history. Their work has advanced the field and contributed to the evolving definition of graft in science and medicine.

Infamous Figures in Political Graft

Political figures like Boss Tweed and organizations such as Tammany Hall are synonymous with the history of graft in the United States. Their involvement in corruption scandals helped shape the public's perception and understanding of political graft.

Summary of Key Points

The history of "graft" encompasses its origins in language, its evolution in medical science, and its association with political corruption. From ancient agricultural practices to modern surgical advancements and notorious political scandals, the definition of graft has transformed across centuries and cultures. Understanding graft definition history provides valuable perspective on its significance in contemporary discourse and highlights the importance of language in shaping our perceptions of science and society.

Q: What is the original meaning of the word "graft"?

A: The original meaning of "graft" referred to inserting a shoot or twig into another plant to enable them to grow together, primarily used in agriculture and horticulture.

Q: How did the medical definition of graft evolve?

A: The medical definition of graft evolved from its botanical roots to describe the transplantation of living tissue, such as skin, bone, or organs, from one part of the body to another or between individuals.

Q: When did "graft" become associated with political corruption?

A: "Graft" became associated with political corruption in the late 19th and early 20th centuries, particularly in the United States, where it described dishonest practices for personal gain in politics and business.

Q: What are the main types of medical grafts?

A: The main types of medical grafts include autograft, allograft, xenograft, and isograft, each involving different sources and recipients for tissue transplantation.

Q: Which historical events are linked to the term graft in politics?

A: Historical events such as the Tammany Hall scandals and the Teapot Dome scandal are closely linked to the term graft in political contexts.

Q: Who was a pioneer in medical grafting?

A: Dr. Joseph Murray, who performed the first successful human organ transplant, is recognized as a pioneer in medical grafting.

Q: How does the meaning of graft vary across cultures?

A: In some cultures, "graft" is mainly associated with biological or medical processes, while in others, it is commonly understood as political or social corruption.

Q: What role did ancient civilizations play in the history of graft?

A: Ancient civilizations like China, Greece, and Rome developed early grafting techniques in agriculture, influencing the term's definition and propagation worldwide.

Q: What is the significance of graft in modern medicine?

A: In modern medicine, grafting procedures are vital for reconstructive surgery, organ transplantation, and regenerative therapies, significantly improving patient outcomes.

Q: How has the definition of graft changed over time?

A: The definition of graft has expanded from its original botanical meaning to include medical and political contexts, reflecting changes in language, science, and society through history.

Graft Definition History

Find other PDF articles:

 $\underline{https://fc1.getfilecloud.com/t5-w-m-e-02/files?ID=MsG94-4493\&title=bacteria-webquest-answer-key.}\\ \underline{pdf}$

Graft Definition History: Unearthing the Roots of Corruption

The term "graft," while seemingly straightforward, possesses a rich and surprisingly complex history. Understanding its evolution is crucial not just for comprehending its current usage but also for appreciating the enduring nature of corruption throughout human societies. This blog post delves into the graft definition history, tracing its etymology, exploring its historical applications, and examining its nuanced meanings across different contexts. We'll unpack the historical evolution of this word, revealing how its meaning has shifted and broadened over time, ultimately leading to its modern understanding. Get ready for a fascinating journey into the linguistic and socio-political roots of graft.

From Plant to Politics: The Etymological Journey of "Graft"

The word "graft" boasts a fascinating etymological journey, originating not in the halls of power but in the world of horticulture. Its earliest recorded usage, dating back to the late 14th century, refers to the horticultural practice of grafting. This involved inserting a cutting from one plant into another, essentially creating a hybrid. The imagery of this process – a foreign element seamlessly integrated into an existing structure – subtly foreshadows the later, more sinister connotations associated with the word.

The Shift in Meaning: From Botany to Bribery

The transition from the horticultural sense to the more common understanding of "graft" as corruption or bribery occurred gradually over centuries. This semantic shift was a natural progression, building upon the inherent duality of the grafting process. While grafting in horticulture is a constructive technique, the act of inserting something foreign into an established system, without its consent or due process, is inherently exploitative. This analogy subtly reflects the underhanded nature of corruption.

Graft Definition History: The Rise of Corrupt Practices

By the 17th century, the word "graft" started appearing in written texts in the context of dishonest acquisition of wealth or influence. The term's association with political and financial misconduct began to solidify during the 18th and 19th centuries, particularly in the rapidly expanding urban

environments of industrializing societies. The sheer scale of infrastructure projects and the concentration of wealth fueled opportunities for illicit enrichment, leading to widespread use of the word to describe such activities.

The Gilded Age and the Solidification of "Graft" in Political Discourse

The Gilded Age in the United States (roughly 1870-1900) serves as a prime example of the term's burgeoning use in the political arena. The era of rapid industrialization and vast wealth accumulation was unfortunately coupled with rampant corruption. Political bosses, using their influence to enrich themselves and their associates through bribery, kickbacks, and manipulation of public funds, became synonymous with the term "graft." Newspaper exposés, muckraking journalism, and political cartoons frequently featured the term, contributing significantly to its popular understanding.

Graft Definition History: The Modern Understanding

Today, "graft" overwhelmingly refers to the misuse of one's position or power for personal gain, often involving bribery, extortion, or embezzlement. It implies a clandestine and often systematic process of exploiting a system for illicit profit. The word evokes a sense of betrayal of public trust and a disregard for ethical conduct. The enduring presence of graft in contemporary society, across various sectors, demonstrates its persistent challenge to transparent and accountable governance.

Graft Across Industries: A Persistent Problem

While prominently associated with politics, "graft" extends far beyond the political sphere. Businesses, healthcare, and even non-profit organizations can fall prey to corrupt practices encompassed by the term. The misuse of company funds, fraudulent billing, insider trading – these all fall under the umbrella of graft, highlighting its pervasive nature.

Conclusion

The journey of the word "graft" from the horticultural practice of grafting to its modern-day association with corruption is a fascinating linguistic and sociological study. Its evolution reflects the

persistent challenge of ensuring accountability and transparency in human systems. Understanding the graft definition history allows us to better comprehend the enduring nature of this problem and the importance of actively combating it in all its forms. From the botanical origins to its contemporary political and economic implications, the word "graft" offers a captivating window into the complexities of power, corruption, and the enduring human struggle for ethical governance.

FAQs

- 1. What is the difference between graft and bribery? While often used interchangeably, bribery is a specific act of offering something of value to influence a decision, whereas graft encompasses a broader range of corrupt practices, including bribery, but also embezzlement, extortion, and other forms of illicit enrichment.
- 2. Is graft always illegal? While most instances of graft are clearly illegal, some forms might fall into grey areas, particularly involving conflicts of interest that aren't explicitly prohibited by law but are ethically questionable.
- 3. How has the definition of graft changed over time? The definition has broadened. While initially tied to horticulture, it evolved to describe corrupt financial dealings and now encompasses a wider spectrum of corrupt practices in various sectors.
- 4. What are some examples of graft in modern society? Examples include politicians accepting bribes in exchange for favors, corporate executives embezzling company funds, and healthcare professionals engaging in fraudulent billing practices.
- 5. How can we combat graft effectively? Effective measures include strengthening transparency and accountability mechanisms, implementing robust anti-corruption laws, promoting ethical conduct through education and training, and fostering a culture of whistleblowing and independent oversight.

graft definition history: Plunkitt of Tammany Hall William L. Riordon, 1995-11-01 Plunkitt of Tammany Hall A Series of Very Plain Talks on Very Practical Politics William L. Riordan "Nobody thinks of drawin' the distinction between honest graft and dishonest graft." This classic work offers the unblushing, unvarnished wit and wisdom of one of the most fascinating figures ever to play the American political game and win. George Washington Plunkitt rose from impoverished beginnings to become ward boss of the Fifteenth Assembly District in New York, a key player in the powerhouse political team of Tammany Hall, and, not incidentally, a millionaire. In a series of utterly frank talks given at his headquarters (Graziano's bootblack stand outside the New York County Court House), he revealed to a sharp-eared and sympathetic reporter named William L. Riordan the secrets of political success as practiced and perfected by him and fellow Tammany Hall titans. The result is not only a volume that reveals more about our political system than does a shelfful of civics textbooks, but also an irresistible portrait of a man who would feel happily at home playing ball with today's lobbyists and king makers, trading votes for political and financial favors. Doing for twentieth-century America what Machiavelli did for Renaissance Italy, and as entertaining as it is instructive, Plunkitt of Tammany Hall is essential reading for those who prefer twenty-twenty vision

to rose-colored glasses in viewing how our government works and why. With an Introduction by Peter Quinn and a New Afterword

graft definition history: The European Blood and Marrow Transplantation Textbook for Nurses Michelle Kenyon, Aleksandra Babic, 2018-03-14 This book is open access under a CC BY 4.0 license. This textbook, endorsed by the European Society for Blood and Marrow Transplantation (EBMT), provides adult and paediatric nurses with a full and informative guide covering all aspects of transplant nursing, from basic principles to advanced concepts. It takes the reader on a journey through the history of transplant nursing, including essential and progressive elements to help nurses improve their knowledge and benefit the patient experience, as well as a comprehensive introduction to research and auditing methods. This new volume specifically intended for nurses, complements the ESH-EBMT reference title, a popular educational resource originally developed in 2003 for physicians to accompany an annual training course also serving as an educational tool in its own right. This title is designed to develop the knowledge of nurses in transplantation. It is the first book of its kind specifically targeted at nurses in this specialist field and acknowledges the valuable contribution that nursing makes in this area. This volume presents information that is essential for the education of nurses new to transplantation, while also offering a valuable resource for more experienced nurses who wish to update their knowledge.

graft definition history: Grafting Helen Matthew Gumpert, 2012-11 History is a love story: a tale of desire and jealousy, abandonment and fidelity, abduction and theft, rupture and reconciliation. This contention is central to Grafting Helen, Matthew Gumpert's original and dazzling meditation on Helen of Troy as a crucial anchor for much of Western thought and literature. Grafting Helen looks at classicism—the privileged rhetorical language for describing cultural origins in the West—as a protracted form of cultural embezzlement. No coin in the realm has been more valuable, more circulated, more coveted, or more counterfeited than the one that bears the face of Helen of Troy. Gumpert uncovers Helen as the emblem for the past as something to be stolen, appropriated, imitated, extorted, and coveted once again. Tracing the figure of Helen from its classical origins through the Middle Ages, the French Renaissance, and the modern era, Gumpert suggests that the relation of current Western culture to the past is not like the act of coveting; it is the act of coveting, he argues, for it relies on the same strategies, the same defenses, the same denials, and the same delusions.

graft definition history: Surgical Management of Vitiligo Somesh Gupta, Dr. Mats J. Olsson, Amrinder J. Kanwar, Jean-Paul Ortonne, 2008-04-15 Although vitiligo has traditionally been very difficult to treat, anew breakthrough surgical treatment is expanding options for practitioners and patients. Standard treatments depend on the severity of the condition and the patient's feelings of disfigurement. Cover-up cosmetics workwell for some people. Other more sophisticated forms of treatmentinclude gradually developing color back in the depigmented areas(repigmentation) by PUVA or other ultraviolet light treatments, butthis is extremely slow and intensive, often requiring severalhundred treatments. This new form of treatment, which involves surgically transplanting melanocytes into the white areas, is most successfulin patients with stable vitiligo over less than 30% of their bodysurface area. It complements medical therapies in achieving complete and sustained repigmentation and is rapidly gaining popularity in all major centers. This is the first book available which describes this majoradvance in detail. Explains the new treatment of surgically transplantingmelanocytes into the affected areas of the skin to providedermatologists and surgeons with the latest state-of-the-artinformation Written by the international leaders who pioneered thistreatment Presents all the latest information on the topic, eliminating the need to search through multiple sources for specific data

graft definition history: Operative Techniques in Sports Medicine Surgery Mark D. Miller, Sam W. Wiesel, 2012-03-28 Operative Techniques in Sports Medicine Surgery provides full-color, step-by-step explanations of all operative procedures in sports medicine. It contains the sports-related chapters from Sam W. Wiesel's Operative Techniques in Orthopaedic Surgery. Written by experts from leading institutions around the world, this superbly illustrated volume focuses on

mastery of operative techniques and also provides a thorough understanding of how to select the best procedure, how to avoid complications, and what outcomes to expect. The user-friendly format is ideal for quick preoperative review of the steps of a procedure. Each procedure is broken down step by step, with full-color intraoperative photographs and drawings that demonstrate how to perform each technique. Extensive use of bulleted points and tables allows quick and easy reference. Each clinical problem is discussed in the same format: definition, anatomy, physical exams, pathogenesis, natural history, physical findings, imaging and diagnostic studies, differential diagnosis, non-operative management, surgical management, pearls and pitfalls, postoperative care, outcomes, and complications. To ensure that the material fully meets residents' needs, the text was reviewed by a Residency Advisory Board.

graft definition history: The Teapot Dome Scandal Laton McCartney, 2008-03-25 Mix hundreds of millions of dollars in petroleum reserves; rapacious oil barons and crooked politicians; under-the-table payoffs; murder, suicide, and blackmail; White House cronyism; and the excesses of the Jazz Age. The result: the granddaddy of all American political scandals, Teapot Dome. In The Teapot Dome Scandal, acclaimed author Laton McCartney tells the amazing, complex, and at times ribald story of how Big Oil handpicked Warren G. Harding, an obscure Ohio senator, to serve as our twenty-third president. Harding and his so-called "oil cabinet" made it possible for the oilmen to secure vast oil reserves that had been set aside for use by the U.S. Navy. In exchange, the oilmen paid off senior government officials, bribed newspaper publishers, and covered the GOP campaign debt. When news of the scandal finally emerged, the consequences were disastrous for the nation and for the principles in the plot to bilk the taxpayers: Harding's administration was hamstrung; Americans' confidence in their government plummeted; Secretary of the Interior Albert Fall was indicted, convicted, and incarcerated; and others implicated in the affair suffered similarly dire fates. Stonewalling by members of Harding's circle kept a lid on the story-witnesses developed "faulty" memories or fled the country, and important documents went missing-but contemporary records newly made available to McCartney reveal a shocking, revelatory picture of just how far-reaching the affair was, how high the stakes, and how powerful the conspirators. In giving us a gimlet-eyed but endlessly entertaining portrait of the men and women who made a tempest of Teapot Dome, Laton McCartney again displays his gift for faithfully rendering history with the narrative touch of an accomplished novelist.

graft definition history: Kirklin/Barratt-Boyes Cardiac Surgery E-Book James K Kirklin, Eugene H. Blackstone, 2012-10-26 Now in its 4th edition, Kirklin/Barratt-Boyes Cardiac Surgery remains your indispensable source for definitive, state-of-the-art answers on every aspect of adult and pediatric cardiac surgery. This dynamic medical reference thoroughly and systematically covers the full range of new and classic surgical procedures—including the latest alternate and minimally invasive surgical techniques—and presents the up-to-date clinical evidence you need to make effective management decisions. - Be certain with expert, dependable, accurate answers for every stage of your career from the most comprehensive, definitive text in the field! - Get comprehensive coverage of all areas of cardiac surgery, including ischemic, valvular, and congenital heart disease; cardiac tumors; constrictive pericarditis; thoracic aortic surgery; cardiac transplantation; coronary artery disease; aortic valve disease; cardiac rhythm disturbances; heart failure and transplantation; disease of the thoracic aorta; tetralogy of Fallot; anesthesia; and postoperative care. - Stay current with the latest advancements and practices. Comprehensive updates throughout include new information on endovascular management of thoracic aorta disease; new data on clinical outcomes; the most recent minimally invasive procedures; non-invasive CT angiography; new alternative surgical approaches to mitral valve surgery; and many other hot topics! - Make the most well-informed decisions and achieve optimal outcomes by exploring each condition's natural history; diagnostic criteria; indications for surgery; operative techniques; and follow-up care. - Reference information quickly thanks to a new, streamlined format. - Visually grasp and better understand critical information with the aid of a new, full-color design that includes an abundance of detailed charts and graphs. - Stay current with the latest advancements and practices. Comprehensive

updates throughout include new information on endovascular management of thoracic aorta disease; new data on clinical outcomes; the most recent minimally invasive procedures; non-invasive CT angiography; new alternative surgical approaches to mitral valve surgery; and many other hot topics! - Reference information quickly thanks to a new, streamlined format and easily searchable online access to the complete text, downloadable image library, reference links, and more at www.expertconsult.com.

graft definition history: Vitiligo Somesh Gupta, Dr. Mats J. Olsson, Dr. Davinder Parsad, Henry W. Lim, Nanja van Geel, Amit G. Pandya, 2018-04-30 Practical guidance based on expert experience and evidence for developing management strategies for vitiligo This complete guide to vitiligo provides a full appraisal of strategy for the treatment of this autoimmune disease that affects 1-2% of the world's population. It addresses all aspects of vitiligo, covering the science, medical and surgical therapies, and the psychological evaluations and approaches based on the proper understanding of the causes and classification of a particular case. Management of vitiligo is challenging and requires a multipronged approach. Vitiligo: Medical and Surgical Management is a comprehensive, timely, state-of-the-art resource that will help those involved with affected patients better understand and treat this disease, which takes its toll on the mental wellness of those afflicted by it. It takes an evidenced-based approach to the disease's treatment; provides an overview of the surgical management; covers tissue and cellular grafting; and more. Thoroughly guides those involved in the clinical aspects of vitiligo Aids diagnosis and classification of severity Balances evidence and experience Compiled by world-leading expert editors Comprehensive in nature, Vitiligo: Medical and Surgical Management contains a strong practical element, and is a welcome go-to source for practicing dermatologists and those training to become a dermatologist.

graft definition history: The Gilded Age Mark Twain, Charles Dudley Warner, 1892 graft definition history: Operative Techniques in Hand, Wrist, and Forearm Surgery Sam W. Wiesel, 2010-09-14 Operative Techniques in Hand, Wrist, and Forearm Surgery contains the chapters on the hand, wrist, and forearm from Sam W. Wiesel's Operative Techniques in Orthopaedic Surgery and provides full-color, step-by-step explanations of all operative procedures. Written by experts from leading institutions around the world, this superbly illustrated volume focuses on mastery of operative techniques and also provides a thorough understanding of how to select the best procedure, how to avoid complications, and what outcomes to expect. The user-friendly format is ideal for quick preoperative review of the steps of a procedure. Each procedure is broken down step by step, with full-color intraoperative photographs and drawings that demonstrate how to perform each technique. Extensive use of bulleted points and tables allows quick and easy reference. Each clinical problem is discussed in the same format: definition, anatomy, physical exams, pathogenesis, natural history, physical findings, imaging and diagnostic studies, differential diagnosis, non-operative management, surgical management, pearls and pitfalls, postoperative care, outcomes, and complications. To ensure that the material fully meets residents' needs, the text was reviewed by a Residency Advisory Board.

graft definition history: A History of Organ Transplantation David Hamilton, 2013-12-21 A History of Organ Transplantation is a comprehensive and ambitious exploration of transplant surgery—which, surprisingly, is one of the longest continuous medical endeavors in history. Moreover, no other medical enterprise has had so many multiple interactions with other fields, including biology, ethics, law, government, and technology. Exploring the medical, scientific, and surgical events that led to modern transplant techniques, Hamilton argues that progress in successful transplantation required a unique combination of multiple methods, bold surgical empiricism, and major immunological insights in order for surgeons to develop an understanding of the body's most complex and mysterious mechanisms. Surgical progress was nonlinear, sometimes reverting and sometimes significantly advancing through luck, serendipity, or helpful accidents of nature. The first book of its kind, A History of Organ Transplantation examines the evolution of surgical tissue replacement from classical times to the medieval period to the present day. This well-executed volume will be useful to undergraduates, graduate students, scholars, surgeons, and

the general public. Both Western and non-Western experiences as well as folk practices are included.

graft definition history: The Rose and Mackay Textbook of Autoimmune Diseases M. Eric Gershwin, George C. Tsokos, Betty Diamond, 2024-08-05 The Rose-Mackay Textbook of Autoimmune Diseases, Seventh Edition is a comprehensive reference that emphasizes the 3 P's of 21st Century medicine: precision, prediction, and prevention. Topics cover the modern systems approach to biology that involves large amounts of personalized, ongoing physiologic data (omics) coupled with advanced methods of analysis, new tests of genetic engineering, such as CRISPR, auto inflammatory diseases, autoimmune responses to tumor immunotherapy, and information on normal immune response and disorders. Each of the major autoimmune disorders is discussed by researchers and clinical investigators experienced in dealing with patients. This new edition continues its success with 75% of the content revised, updated, or completely new. This edition is a valuable resource to clinicians involved in the diagnosis and treatment of autoimmune disease, as well as to scientists who want to follow developments in the field. - Provides new research on autoimmune diseases, their diagnosis, prevention, and therapy - Covers a complete range of all common, rare and new autoimmune diseases, including cancer and COVID - Extensively revised with 75% new material based on autoimmunity, developments in the different diagnosis and therapies for these autoimmune diseases, and a completely updated description of the different diseases - Supplemented with a website that hosts a Podcast per chapter

graft definition history: Southern Scoundrels Jeff Forret, Bruce E. Baker, 2021-04-21 The history of capitalist development in the United States is long, uneven, and overwhelmingly focused on the North. Macroeconomic studies of the South have primarily emphasized the role of the cotton economy in global trading networks. Until now, few in-depth scholarly works have attempted to explain how capitalism in the South took root and functioned in all of its diverse—and duplicitous—forms. Southern Scoundrels explores the lesser-known aspects of the emergence of capitalism in the region: the shady and unscrupulous peddlers, preachers, slave traders, war profiteers, thieves, and marginal men who seized available opportunities to get ahead and, in doing so, left their mark on the southern economy. Eschewing conventional economic theory, this volume features narrative storytelling as engaging and seductive as the cast of shifty characters under examination. Contributors cover the chronological sweep of the nineteenth-century South, from the antebellum era through the tumultuous and chaotic Civil War years, and into Reconstruction and beyond. The geographic scope is equally broad, with essays encompassing the Chesapeake, South Carolina, the Lower Mississippi Valley, Texas, Missouri, and Appalachia. These essays offer a series of social histories on the nineteenth-century southern economy and the changes wrought by capitalist transformation. Tracing that story through the kinds of oily individuals who made it happen, Southern Scoundrels provides fascinating insights into the region's hucksters and its history. Contents Introduction, Jeff Forret and Bruce E. Baker "Preachers and Peddlers: Credit and Belief in the Flush Times," John Lindbeck "A Gentleman and a Scoundrel? Alexander McDonald, Financial Reputation, and Slavery's Capitalism," Alexandra J. Finley "'How Deeply They Weed into the Pockets': Slave Traders, Bank Speculators, and the Anatomy of a Chesapeake Wildcat, 1840-1843," Jeff Forret "Bernard Kendig: Orchestrating Fraud in the Market and the Courtroom," Maria R. Montalvo "William A. Britton v. Benjamin F. Butler: Occupied New Orleans, Confiscation, and the Disruption of the Cotton Trade in Wartime Natchez," Jeff Strickland "Devils at the Doorstep: Confederate Judges, Masters of Sequestration," Rodney J. Steward "'Irresistibly Impelled toward Illegal Appropriation': The Civil War Schemes of William G. Cheeney," Jimmy L. Bryan, Jr. "Das Kapital on Tchoupitoulas Street: The Marketing of Stolen Goods and the Reserve Army of Labor in Reconstruction-Era New Orleans," Bruce E. Baker "The Violent Lives of William Faucett," Elaine S. Frantz "Eureka! Law and Order for Sale in Gilded Age Appalachia," T. R. C. Hutton

graft definition history: *Arterial Grafting for Coronary Artery Bypass Surgery* Guo-Wei He, 2006-08-25 This updated edition examines the biological characteristics and clinical use of arterial grafts for coronary artery bypass surgery. It contains first-hand information on arterial grafts, as

well as vein grafts with regard to biological characteristics, clinical use including off-pump coronary bypass grafting surgery, results, and future developments. The book is a practical guide and as a stimulus for further improvement of arterial grafting techniques.

graft definition history: Kirklin/Barratt-Boyes Cardiac Surgery James K Kirklin, Eugene H. Blackstone, 2012-10-26 Now in its 4th edition, Kirklin/Barratt-Boyes Cardiac Surgery remains your indispensable source for definitive, state-of-the-art answers on every aspect of adult and pediatric cardiac surgery. This dynamic medical reference thoroughly and systematically covers the full range of new and classic surgical procedures-including the latest alternate and minimally invasive surgical techniques-and presents the up-to-date clinical evidence you need to make effective management decisions. Be certain with expert, dependable, accurate answers for every stage of your career from the most comprehensive, definitive text in the field! Get comprehensive coverage of all areas of cardiac surgery, including ischemic, valvular, and congenital heart disease; cardiac tumors; constrictive pericarditis; thoracic aortic surgery; cardiac transplantation; coronary artery disease; aortic valve disease; cardiac rhythm disturbances; heart failure and transplantation; disease of the thoracic aorta; tetralogy of Fallot; anesthesia; and postoperative care. Stay current with the latest advancements and practices. Comprehensive updates throughout include new information on endovascular management of thoracic aorta disease; new data on clinical outcomes; the most recent minimally invasive procedures; non-invasive CT angiography; new alternative surgical approaches to mitral valve surgery; and many other hot topics! Make the most well-informed decisions and achieve optimal outcomes by exploring each condition's natural history; diagnostic criteria; indications for surgery; operative techniques; and follow-up care. Reference information quickly thanks to a new, streamlined format and easily searchable online access to the complete text, downloadable image library, reference links, and more at expertconsult.com. Visually grasp and better understand critical information with the aid of a new, full-color design that includes an abundance of detailed charts and graphs. Stay current with the latest advancements and practices. Comprehensive updates throughout include new information on endovascular management of thoracic aorta disease; new data on clinical outcomes; the most recent minimally invasive procedures; non-invasive CT angiography; new alternative surgical approaches to mitral valve surgery; and many other hot topics! Reference information quickly thanks to a new, streamlined format and easily searchable online access to the complete text, downloadable image library, reference links, and more at www.expertconsult.com.

graft definition history: The Diagnosis and Treatment of Periodontal Disease John F. Prichard, 1979

graft definition history: Cornea and External Eye Disease Thomas Reinhard, Frank Larkin, D. F. P. Larkin, 2006 Essentials in Ophthalmology is a new review series covering all of ophthalmology categorized in eight subspecialties. It will be published quarterly, thus each subspecialty will be reviewed biannually. Given the multiplicity of medical publications already available, why is a new series needed? Consider that the half-life of medical knowledge is estimated to be around 5 years. Moreover, it can be as long as 8 years between the first description of a medical innovation in a peer-reviewed scientific journal and publication in a medical textbook. A series that narrows this time span between journal and textbook would provide a more rapid and efficient transfer of medical knowledge into clinical practice, and enhance care of our patients.

graft definition history: *Mechanisms of Vascular Disease* Robert Fitridge, M. M. Thompson, 2011 New updated edition first published with Cambridge University Press. This new edition includes 29 chapters on topics as diverse as pathophysiology of atherosclerosis, vascular haemodynamics, haemostasis, thrombophilia and post-amputation pain syndromes.

graft definition history: Corneal Graft Failure Ruth Porter, Julie Knight, 2009-09-16 The Novartis Foundation Series is a popular collection of the proceedings from Novartis Foundation Symposia, in which groups of leading scientists from a range of topics across biology, chemistry and medicine assembled to present papers and discuss results. The Novartis Foundation, originally known as the Ciba Foundation, is well known to scientists and clinicians around the world.

graft definition history: *Plastic and Reconstructive Surgery Fundamentals* Daniel De-Luna-Gallardo.

graft definition history: Putin's Kleptocracy Karen Dawisha, 2015-09-22 The raging question in the world today is who is the real Vladimir Putin and what are his intentions. Karen Dawisha's brilliant Putin's Kleptocracy provides an answer, describing how Putin got to power, the cabal he brought with him, the billions they have looted, and his plan to restore the Greater Russia. Russian scholar Dawisha describes and exposes the origins of Putin's kleptocratic regime. She presents extensive new evidence about the Putin circle's use of public positions for personal gain even before Putin became president in 2000. She documents the establishment of Bank Rossiya, now sanctioned by the US; the rise of the Ozero cooperative, founded by Putin and others who are now subject to visa bans and asset freezes; the links between Putin, Petromed, and "Putin's Palace" near Sochi; and the role of security officials from Putin's KGB days in Leningrad and Dresden, many of whom have maintained their contacts with Russian organized crime. Putin's Kleptocracy is the result of years of research into the KGB and the various Russian crime syndicates. Dawisha's sources include Stasi archives; Russian insiders; investigative journalists in the US, Britain, Germany, Finland, France, and Italy; and Western officials who served in Moscow. Russian journalists wrote part of this story when the Russian media was still free. "Many of them died for this story, and their work has largely been scrubbed from the Internet, and even from Russian libraries," Dawisha says. "But some of that work remains."

graft definition history: Textbook of Male Genitourethral Reconstruction Francisco E. Martins, Sanjay B. Kulkarni, Tobias S. Köhler, 2019-11-12 This textbook provides a guide to reconstructive surgery of genitourethral problems in male patients. The first section covers all aspects of urethral reconstruction, including the functional anatomy of the urethra, etiology, epidemiology, and demographic differences in urethral pathology. The second section focuses on surgical reconstruction of penile and scrotal anomalies and dysfunctions. Textbook of Male Genitourethral Reconstruction aims to aid the management of male genitourethral reconstruction patients by reviewing the recent advancements in technology and surgical technique. This book is relevant to urologists, plastic and reconstructive surgeons, medical students, and health care professionals working within urology and plastic surgery. Chapter "Tissue Transfer Techniques in the Management of Urethral Stricture Disease: Flaps and Grafts" is available open access under a Creative Commons Attribution 4.0 International License via link. springer.com.

graft definition history: Horticultural Reviews, Volume 35 Jules Janick, 2009-10-16 Horticultural Reviews presents state-of-the-art reviews on topics in horticultural science and technology covering both basic and applied research. Topics covered include the horticulture of fruits, vegetables, nut crops, and ornamentals. These review articles, written by world authorities, bridge the gap between the specialized researcher and the broader community of horticultural scientists and teachers. All contributions are anonymously reviewed and edited by Professor Jules Janick of Purdue University, USA, and published in the form of one or two volumes per year. Recently published articles include: Artificial Pollination in Tree Crop Production (v34) Cider Apples and Cider-Making Techniques in Europe and North America (v34) Garlic: Botany and Horticulture (v33) Controlling Biotic Factors That Cause Postharvest Losses of Fresh Market Tomatoes (v33) Taxus spp.: Botany, Horticulture, and Source of Anti-Cancer Compounds (v32) The Invasive Plant Debate: A Horticultural Perspective (v32)

graft definition history: Comprehensive Clinical Nephrology E-Book Jurgen Floege, Richard J. Johnson, John Feehally, 2010-11-08 Comprehensive Clinical Nephrology provides you with all the tools you need to manage all forms of kidney disease. Drs. Jürgen Floege, Richard J. Johnson, John Feehally and a team of international experts have updated this fourth edition to include hot topics such as treatment of hypertensive emergencies, herbal and over-the-counter medicines and the kidney, neurologic complications of the kidney, and more. This essential resource gives you quick access to today's best knowledge on every clinical condition in nephrology. Make efficient, informed decisions with just the right amount of basic science and practical clinical guidance for

every disorder. Diagnose effectively and treat confidently thanks to more than 1100 illustrations, abundant algorithms, and tables that highlight key topics and detail pathogenesis for a full range of kidney conditions and clinical management. Get coverage of the latest developments in the field with 18 new chapters on the Management of the Diabetic Patient with Chronic Kidney Disease, Treatment of Hypertensive Emergencies, Principles of Drug Dosing and Prescribing of Chronic Kidney Disease, Herbal and Over-the-Counter Medicines and the Kidney, Neurologic Complications of the Kidney, and more. Tap into the experience and expertise of the world's leading authorities in the field of nephrology. Floege, Johnson, and Feehally give you the information you need to make quick and correct clinical decisions

graft definition history: Cardiovascular Disability Institute of Medicine, Board on the Health of Select Populations, Committee on Social Security Cardiovascular Disability Criteria, 2010-12-04 The Social Security Administration (SSA) uses a screening tool called the Listing of Impairments to identify claimants who are so severely impaired that they cannot work at all and thus immediately qualify for benefits. In this report, the IOM makes several recommendations for improving SSA's capacity to determine disability benefits more quickly and efficiently using the Listings.

graft definition history: ESSKA Instructional Course Lecture Book Jacques Menetrey, Stefano Zaffagnini, Daniel Fritschy, C. Niek van Dijk, 2012-12-13 This book contains a collection of instructional course lectures given during the 15th ESSKA (European Society of Sports Traumatology, Knee Surgery and Arthroscopy) Congress, held in Geneva during May 2012. The lectures cover a wide range of hot topics in the field, including diverse injuries and management techniques. Each lecture has a practical focus and provides an up-to-date synthesis of core knowledge on the subject in question with the aid of high-quality illustrations. Take home messages and key recommendations are highlighted. This book will be of value to practitioners and researchers alike.

graft definition history: Immunological mechanisms of chronic graft rejection Ann Elizabeth Busker, 1988

graft definition history: Bone Implant Grafting John Older, 2012-12-06 Surgeons differ in their enthusiasm for autografts, allografts and metallic implants, nevertheless, all have their place in orthopedic surgery. For some defects in the skeleton, bone grafting may be the only solution. The pros and cons of bone grafting are thoroughly discussed by eighteen distinguished authorities in this book. Their exchange of views and experiences reflects the diversity of thinking worldwide and points to exciting possibilities for future improvements. The twenty-eight chapters describe: the natural history and immunology of auto and allografting; innovative surgical techniques together with results, whether successful or not; and bone banking and its related problems, especially HIV.

graft definition history: The Teaching Files: Brain and Spine Imaging E-Book Girish M. Fatterpekar, Thomas P. Naidich, Peter M. Som, 2011-11-28 Practical and clinically focused, Brain and Spine Imaging - a title in the Teaching Files Series - provides you with over 300 interesting and well-presented cases to help you better diagnose any disease of the brain and spine. Expert in the field, Dr. Girish Fatterpekar, MD uses a logical organization throughout, making referencing difficult diagnoses easier than ever before. Detailed discussions of today's modalities and technologies keep you up to date, and challenging diagnostic questions probe your knowledge of the material. This unique, case-based resource offers you an ideal way to sharpen your diagnostic skills and study for board exams. Get expert, practical guidance from over 300 cases, and brief but thorough descriptions of findings that help you make review easier than ever before. Stay current with the most up-to-date radiologic modalities and technologies. Provides brief but thorough descriptions of findings putting the information you need at your fingertips. Expand your knowledge with references to the most important sources on specific topics of interest. Find key information quickly and easily thanks to consistently formatted chapters that include Demographics/Clinical History; Findings; Discussion; Characteristic/Clinical Features; Radiologic Findings; Primary Differential Diagnosis; and Suggested Readings. See how to resolve challenging diagnostic questions by reviewing discussions of similar cases.

graft definition history: Operative Techniques in Adult Reconstruction Surgery Javad Parvizi, Richard H. Rothman, Sam W. Wiesel, 2012-02-03 Operative Techniques in Adult Reconstruction Surgery contains the chapters on adult reconstruction from Sam W. Wiesel's Operative Techniques in Orthopaedic Surgery and provides full-color, step-by-step explanations of all operative procedures. Written by experts from leading institutions around the world, this superbly illustrated volume focuses on mastery of operative techniques and also provides a thorough understanding of how to select the best procedure, how to avoid complications, and what outcomes to expect. The user-friendly format is ideal for quick preoperative review of the steps of a procedure. Each procedure is broken down step by step, with full-color intraoperative photographs and drawings that demonstrate how to perform each technique. Extensive use of bulleted points and tables allows quick and easy reference. Each clinical problem is discussed in the same format: definition, anatomy, physical exams, pathogenesis, natural history, physical findings, imaging and diagnostic studies, differential diagnosis, non-operative management, surgical management, pearls and pitfalls, postoperative care, outcomes, and complications. To ensure that the material fully meets residents' needs, the text was reviewed by a Residency Advisory Board.

graft definition history: The Massachusetts Eye and Ear Infirmary Illustrated Manual of Ophthalmology E-Book Peter K. Kaiser, Neil J. Friedman, Roberto Pineda II, 2014-04-15 The Massachusetts Eye and Ear Infirmary Illustrated Manual of Ophthalmology is the must-have medical reference book for the ever-changing field of ophthalmology. Thoroughly updated to include the latest advances in the field, the fourth edition of this renowned manual features high-quality color images and an intuitive design for easy comprehension and reference. Ideal for ophthalmic practitioners and allied health professionals alike, this indispensable resource is your comprehensive guide for the speedy diagnosis and treatment of the most common eye disorders. Consult this title on your favorite e-reader, conduct rapid searches, and adjust font sizes for optimal readability. Accurately diagnose problems through the support of full-color photographs and real case studies. Rapidly locate key information with a highly templated format that includes chapters organized anatomically, not by ophthalmic subspecialty, in addition to key boxes and highlighted emergency management boxes. Apply the latest knowledge and techniques in the diagnosis and treatment of ocular disease, including anti-VEGF therapy for retina disorders; optical coherence tomography and high-resolution imaging modalities; new corneal and refractive surgical approaches; advances in uveitis, glaucoma, neuro-ophthalmology; and more. Stay abreast of the most recent spectral domain OCT with numerous scans included throughout the book. Quickly address critical situations with highlighted emergency management boxes, as well as bonus appendices that provide a wealth of supplemental information helpful for the non-specialist, including guidance on the basics in examination methods, differential diagnosis, common medications, measurements and more. Identify subtleties and nuances by examining over 800 full-color illustrations depicting a complete range of clinical disorders, imaging and testing methods, and surgical techniques, as well as brand-new videos of eye movement examination. Access the full text and videos online at Expert Consult.

graft definition history: Comprehensive Clinical Nephrology E-Book Richard J. Johnson, John Feehally, Jurgen Floege, 2014-09-05 Consult this title on your favorite e-reader, conduct rapid searches, and adjust font sizes for optimal readability. The right amount of basic science and practical clinical guidance assists in making efficient and informed decisions. Extensive updates on key topics keep you at the forefront of the field. New chapters on glomerulonephritis associated with complement disorders, interventional treatments for hypertension, renal disease and cancer, and epidemiology and prognostic impact of acute kidney injury. Over 1,500 color illustrations highlight key topics and detail pathogenesis for a full range of kidney conditions and clinical management. Hundreds of color coded algorithms promote quick reference and to help you retain concepts. Over 400 NEW self-assessment questions available at Expert Consult.

graft definition history: *Hospital Surgery* Omer Aziz, Sanjay Purkayastha, Paraskevas Paraskeva, 2009-02-16 Combining key surgical principles with modern practical knowledge, and packaged in a clear and concise format, Hospital Surgery is an invaluable tool for those studying for

exams and managing patients on the wards. Divided into logical sections covering the major stages in the journey of the surgical patient, the reader will have ready access to the key information required to guide clinical management. Major sections of the book on procedures, investigations and operations are structured to provide stepwise and methodical accounts of how to perform surgical interventions. The text is supported by a superb set of surgical and anatomical drawings. This is essential reading for all junior doctors and foundation-level trainees seeking to build their surgical expertise.

graft definition history: Cardiothoracic Anesthesia and Critical Care, An Issue of Anesthesiology Clinics Karsten Bartels, Stefan Dieleman, 2019-11-15 This issue of Anesthesiology Clinics, edited by Dr. Karsten Bartels and Dr. Stefan Dieleman in collaboration with Consulting Editor Dr. Lee Fleisher, focuses on Cardiothoracic Anesthesia and Critical Care. Topics in this issue include: Anesthetic Management for Endovascular Repair of the Thoracic Aorta; Ethical Considerations for Mechanical Support; Modulating Perioperative Ventricular Excitability; Echocardiography Education for Anesthesia Trainees; Mitochondrial Dysfunction After Cardiac Surgery; New Approaches to Perioperative Right Ventricular Assessment; New Techniques for Optimization of Donor Lungs/Hearts; Recent Developments in Catheter-Based Cardiac Procedures; Heart Failure in Adults with Congential Heart Disease; Optimizing Perioperative Blood and Coagulation Management During Cardiac Surgery; Advances in the Prevention of AKI Following Cardiac Surgery; Clinical Trials That Should be Done in Cardiac Anesthesia; and Cardiac Surgery and the Blood-Brain Barrier.

graft definition history: Operative Techniques in Foot and Ankle Surgery Mark E. Easley, Sam W. Wiesel, 2011 Written by experts from leading institutions around the world, this fully illustrated volume focuses on mastery of operative techniques. Each procedure is broken down step by step, with full-color intraoperative photographs and drawings that demonstrate how to perform each technique.

Graft definition history: Machine Made: Tammany Hall and the Creation of Modern American Politics Terry Golway, 2014-03-03 "Golway's revisionist take is a useful reminder of the unmatched ingenuity of American politics."—Wall Street Journal History casts Tammany Hall as shorthand for the worst of urban politics: graft and patronage personified by notoriously crooked characters. In his groundbreaking work Machine Made, journalist and historian Terry Golway dismantles these stereotypes, focusing on the many benefits of machine politics for marginalized immigrants. As thousands sought refuge from Ireland's potato famine, the very question of who would be included under the protection of American democracy was at stake. Tammany's transactional politics were at the heart of crucial social reforms—such as child labor laws, workers' compensation, and minimum wages— and Golway demonstrates that American political history cannot be understood without Tammany's profound contribution. Culminating in FDR's New Deal, Machine Made reveals how Tammany Hall "changed the role of government—for the better to millions of disenfranchised recent American arrivals" (New York Observer).

graft definition history: Minimally Invasive Cardiac Surgery Daniel J. Goldstein, Mehmet C. Oz, 2003-09-23 In 1962, Thomas Kuhne coined the term "paradigm shift" while arguing that human knowledge advances by quantum leaps with interspersed smaller steps. Preparation for the major advance is generally not a concerted effort by thought leaders. Rather, a few (or one) visionaries gain insights into a process and are able to definitely demonstrate the accuracy of their worldview. Often, the epiphany does not occur during the intellectual lifetime of the discoverers. Medicine has had numerous such "paradigm shifts" including the compelling reworking of Galen's concepts of the body. Of note, the scientific world of the time explained the new views by arguing that the human body must have changed between the time of ancient Greece and modern Europe. The inauguration of cardiac surgery itself required profound shifts in medicine's view of physiology. Yet, over the ensuing 40 years, the field was fine tuned so we could provide greater than 95% success rates in elective surgery with low cost and short h- pital stays. In some parts of the world, the procedures were viewed as commodities and prices dropped as providers were unable to differentiate the

quality of their work. As patients and their physicians became more demanding, the desire to make the procedures "minimally invasive" grew. In effect, what we were really searching for was a life saving procedure that also preserved quality of life. In short, "minimally invasive" has really been a code phrase for procedures that disrupt our quality of life the least.

graft definition history: The Knee Joint Michel Bonnin, Ned Annunziato Amendola, Johan Bellemans, Steven J. MacDonald, Jacques Menetrey, 2013-07-04 Pushed by the progress of biology, technology and biomechanics, knee surgery has dramatically evolved in the last decades. This book is a state of the art concerning all aspects of knee surgery from ligament reconstruction to Total Knee Arthroplasty. An international panel of renowned authors have worked on this didactic fully illustrated book. It will help young surgeons to understand basic sciences and modern sugical techniques. The experienced surgeon will find help to deal with difficult cases and clarifications in recent technologic advances such as cartilage surgery, navigation and mini invasive surgery.

graft definition history: Operative Techniques in Pediatric Orthopaedics John M. Flynn, Sam W. Wiesel, 2012-02-13 Operative Techniques in Pediatric Orthopaedics contains the chapters on pediatric surgery from Sam W. Wiesel's Operative Techniques in Orthopaedic Surgery and provides full-color, step-by-step explanations of all operative procedures. Written by experts from leading institutions around the world, this superbly illustrated volume focuses on mastery of operative techniques and also provides a thorough understanding of how to select the best procedure, how to avoid complications, and what outcomes to expect. The user-friendly format is ideal for quick preoperative review of the steps of a procedure. Each procedure is broken down step by step, with full-color intraoperative photographs and drawings that demonstrate how to perform each technique. Extensive use of bulleted points and tables allows quick and easy reference. Each clinical problem is discussed in the same format: definition, anatomy, physical exams, pathogenesis, natural history, physical findings, imaging and diagnostic studies, differential diagnosis, non-operative management, surgical management, pearls and pitfalls, postoperative care, outcomes, and complications. To ensure that the material fully meets residents' needs, the text was reviewed by a Residency Advisory Board.

graft definition history: Renal Nursing Nicola Thomas, 2008-01-01 Forskningsbaseret tilgang til sygeplejen indenfor nefrologi. Bogen dækker alle stadier i udviklingen og behandlingen af nyresygdomme, herunder kost og psykologisk støtte samt palliativ pleje i slutstadiet.

Back to Home: https://fc1.getfilecloud.com