

History Of Brain Tumor Icd 10



History of Brain Tumor ICD-10 Coding: A Comprehensive Guide

The International Classification of Diseases, Tenth Revision (ICD-10) is a crucial medical coding system used globally to classify diseases and other health problems. Understanding how brain tumors are classified within this system is critical for researchers, healthcare providers, and insurance companies. This comprehensive guide delves into the history of brain tumor ICD-10 coding, exploring its evolution, the complexities involved, and the importance of accurate coding for effective healthcare management.

The Evolution of Brain Tumor Classification in ICD-10

The ICD-10 system, adopted by most countries in the late 1990s and early 2000s, represented a significant leap forward in disease classification compared to its predecessor, ICD-9. For brain tumors, this meant a move towards a more precise and detailed system, acknowledging the diverse nature of these conditions. Earlier versions struggled to capture the nuances of tumor location, type, and grade, leading to inconsistencies in data collection and analysis.

ICD-10 introduced a hierarchical structure that allowed for greater specificity. Instead of broad categories, it uses a combination of alphanumeric codes to identify the exact type and location of the tumor. This granular approach improved the accuracy of epidemiological studies, facilitating a deeper understanding of brain tumor incidence, prevalence, and treatment outcomes. The improved coding also allowed for better tracking of treatment effectiveness and identification of potential risk factors.

The initial implementation of ICD-10 for brain tumors wasn't without challenges. The sheer number of possible combinations of tumor type, location, and grade necessitated a thorough understanding of the coding system by medical professionals. Consistent application of the codes across different healthcare settings was – and still is – a priority.

Key Aspects of ICD-10 Brain Tumor Coding

The ICD-10 codes for brain tumors begin with the chapter "C70-C72," encompassing various primary malignant neoplasms of the brain and other parts of the central nervous system. Within this chapter, further subdivisions specify the exact tumor location and histology (cellular structure). For example, a code might specify the location as the cerebrum, cerebellum, or brainstem, while also detailing the specific type of tumor, such as glioblastoma, meningioma, or astrocytoma.

Furthermore, grading is a crucial component. Tumor grades, ranging from I to IV (with IV being the most aggressive), significantly impact prognosis and treatment decisions. These grades are reflected within the detailed codes, providing vital information for healthcare professionals and researchers. The inclusion of grading in the ICD-10 codes allows for a more precise picture of tumor aggressiveness and facilitates more effective stratification in clinical trials and epidemiological studies.

Challenges and Ongoing Developments

Despite the improvements introduced by ICD-10, challenges remain. The complexity of the coding system requires continuous education and training for medical coders and healthcare professionals. Maintaining consistency in code application across different institutions and geographical locations is an ongoing effort. This is particularly challenging given the constant evolution of our understanding of brain tumors and the development of new diagnostic techniques and treatments.

Furthermore, the evolving landscape of molecular diagnostics presents a challenge. The identification of specific genetic mutations and molecular subtypes significantly impacts treatment choices and prognosis. While ICD-10 doesn't yet fully incorporate these molecular details, future revisions may need to integrate this information for more comprehensive classification.

The Importance of Accurate ICD-10 Coding for Brain Tumors

Accurate ICD-10 coding for brain tumors is paramount for several reasons. It directly influences:

Research and Epidemiology: Precise coding provides reliable data for epidemiological studies, allowing researchers to track trends, identify risk factors, and assess the effectiveness of various

treatment strategies.

Healthcare Resource Allocation: Accurate coding helps healthcare systems allocate resources effectively, ensuring that patients receive appropriate care and treatment.

Insurance Reimbursement: Correct coding is essential for accurate insurance claims processing and reimbursement. Incorrect codes can lead to delays or denials of claims.

Clinical Trials and Research: Accurate coding is essential for selecting appropriate patients for clinical trials and ensuring the integrity of research findings.

Conclusion

The history of brain tumor ICD-10 coding reflects a continuous effort to refine and improve the classification of these complex diseases. While significant advancements have been made, challenges remain in maintaining accuracy and consistency. The ongoing evolution of our understanding of brain tumors necessitates ongoing updates and refinements to the ICD-10 system to ensure that it remains a valuable tool for healthcare professionals, researchers, and insurance companies alike. Accurate coding is essential for effective healthcare management, research advancement, and improving the lives of those affected by brain tumors.

FAQs

1. What is the difference between ICD-9 and ICD-10 for brain tumor coding? ICD-10 provides a significantly more detailed and specific system compared to ICD-9, allowing for better classification of tumor type, location, and grade.
2. Where can I find the most up-to-date ICD-10 codes for brain tumors? The World Health Organization (WHO) website and national healthcare websites provide the most current and official ICD-10 codes.
3. Is it necessary for every healthcare professional to be an expert in ICD-10 brain tumor coding? While deep expertise isn't required for all professionals, a basic understanding of the system is crucial for accurate documentation and communication.
4. How do molecular markers affect ICD-10 coding for brain tumors? Currently, ICD-10 coding doesn't directly incorporate molecular markers, but this may change in future revisions as our understanding of molecular subtypes improves.
5. What are the consequences of inaccurate ICD-10 coding for brain tumors? Inaccurate coding can lead to inaccurate data analysis, flawed research conclusions, problems with insurance reimbursement, and potentially suboptimal patient care.

history of brain tumor icd 10: Evaluation of the Disability Determination Process for Traumatic Brain Injury in Veterans National Academies of Sciences, Engineering, and Medicine,

Health and Medicine Division, Board on Health Care Services, Committee on the Review of the Department of Veterans Affairs Examinations for Traumatic Brain Injury, 2019-05-20 The Veterans Benefits Administration (VBA) provides disability compensation to veterans with a service-connected injury, and to receive disability compensation from the Department of Veterans Affairs (VA), a veteran must submit a claim or have a claim submitted on his or her behalf. Evaluation of the Disability Determination Process for Traumatic Brain Injury in Veterans reviews the process by which the VA assesses impairments resulting from traumatic brain injury for purposes of awarding disability compensation. This report also provides recommendations for legislative or administrative action for improving the adjudication of veterans' claims seeking entitlement to compensation for all impairments arising from a traumatic brain injury.

history of brain tumor icd 10: ICD-10-CM Official Guidelines for Coding and Reporting - FY 2021 (October 1, 2020 - September 30, 2021) Department Of Health And Human Services, 2020-09-06 These guidelines have been approved by the four organizations that make up the Cooperating Parties for the ICD-10-CM: the American Hospital Association (AHA), the American Health Information Management Association (AHIMA), CMS, and NCHS. These guidelines are a set of rules that have been developed to accompany and complement the official conventions and instructions provided within the ICD-10-CM itself. The instructions and conventions of the classification take precedence over guidelines. These guidelines are based on the coding and sequencing instructions in the Tabular List and Alphabetic Index of ICD-10-CM, but provide additional instruction. Adherence to these guidelines when assigning ICD-10-CM diagnosis codes is required under the Health Insurance Portability and Accountability Act (HIPAA). The diagnosis codes (Tabular List and Alphabetic Index) have been adopted under HIPAA for all healthcare settings. A joint effort between the healthcare provider and the coder is essential to achieve complete and accurate documentation, code assignment, and reporting of diagnoses and procedures. These guidelines have been developed to assist both the healthcare provider and the coder in identifying those diagnoses that are to be reported. The importance of consistent, complete documentation in the medical record cannot be overemphasized. Without such documentation accurate coding cannot be achieved. The entire record should be reviewed to determine the specific reason for the encounter and the conditions treated.

history of brain tumor icd 10: ICD-10-CM/PCS Coding: Theory and Practice, 2016 Edition - E-Book Karla R. Lovaasen, 2015-07-16 With this comprehensive guide to inpatient coding, you will 'learn by doing!' ICD-10-CM/PCS Coding: Theory and Practice, 2016 Edition provides a thorough understanding of diagnosis and procedure coding in physician and hospital settings. It combines basic coding principles, clear examples, plenty of challenging exercises, and the ICD-10-CM and ICD-10-PCS Official Guidelines for Coding and Reporting to ensure coding accuracy using the latest codes. From leading medical coding authority Karla Lovaasen, this expert resource will help you succeed whether you're learning to code for the first time or making the transition to ICD-10! Coding exercises and examples let you apply concepts and practice coding with ICD-10-CM/PCS codes. Coverage of disease includes illustrations and coding examples, helping you understand how commonly encountered conditions relate to ICD-10-CM coding. ICD-10-CM and ICD-10-PCS Official Guidelines for Coding and Reporting provide fast, easy access to examples of proper application. Full-color design with illustrations emphasizes important content such as anatomy and physiology and visually reinforces key concepts. Integrated medical record coverage provides a context for coding and familiarizes you with documents you will encounter on the job. Coverage of common medications promotes coding accuracy by introducing medication names commonly encountered in medical records. Coverage of both common and complex procedures prepares you for inpatient procedural coding using ICD-10-PCS. MS-DRG documentation and reimbursement details provide instruction on proper application of codes NEW! 30-day trial access to TruCode® includes additional practice exercises on the Evolve companion website, providing a better understanding of how to utilize an encoder. UPDATED content includes icd-10 code revisions, ensuring you have the latest coding information.

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Karla R. Lovaasen, 2015-08-12 With this comprehensive guide to inpatient coding, you will 'learn by doing!' ICD-10-CM/PCS Coding: Theory and Practice, 2016 Edition provides a thorough understanding of diagnosis and procedure coding in physician and hospital settings. It combines basic coding principles, clear examples, plenty of challenging exercises, and the ICD-10-CM and ICD-10-PCS Official Guidelines for Coding and Reporting to ensure coding accuracy using the latest codes. From leading medical coding authority Karla Lovaasen, this expert resource will help you succeed whether you're learning to code for the first time or making the transition to ICD-10! Coding exercises and examples let you apply concepts and practice coding with ICD-10-CM/PCS codes. Coverage of disease includes illustrations and coding examples, helping you understand how commonly encountered conditions relate to ICD-10-CM coding. ICD-10-CM and ICD-10-PCS Official Guidelines for Coding and Reporting provide fast, easy access to examples of proper application. Full-color design with illustrations emphasizes important content such as anatomy and physiology and visually reinforces key concepts. Integrated medical record coverage provides a context for coding and familiarizes you with documents you will encounter on the job. Coverage of common medications promotes coding accuracy by introducing medication names commonly encountered in medical records. Coverage of both common and complex procedures prepares you for inpatient procedural coding using ICD-10-PCS. MS-DRG documentation and reimbursement details provide instruction on proper application of codes NEW! 30-day trial access to TruCode? includes additional practice exercises on the Evolve companion website, providing a better understanding of how to utilize an encoder. UPDATED content includes icd-10 code revisions, ensuring you have the latest coding information.

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history of brain tumor icd 10: Buck's 2021 ICD-10-CM for Hospitals - E-Book Elsevier, 2020-09-25 Selecting diagnosis codes is faster and easier with Buck's 2021 ICD-10-CM for Hospitals. Designed by coders for coders, this full-color manual includes all the ICD-10 codes that you need for today's inpatient coding. As coders need extensive knowledge to code with ICD-10-CM — and to choose from the thousands of possible codes — this edition makes it easier with colorful anatomy plates (including Netter's Anatomy illustrations) to help you understand anatomy and how it can affect your code choices. In addition, it comes with durable spiral binding, and includes a companion website with the latest coding updates.

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Coding and Reporting (OGCRs) are listed in full and also integrated within the code set, providing fast, easy access to coding rules. - Symbols and highlights draw attention to codes that may require special consideration before coding, including: - New, Revised, and Deleted - Codes that call for the use of additional character(s) - Includes, Excludes 1 and Excludes 2 - Use Additional - Unspecified - Code First and Code Also - Placeholder X symbol reminds you to assign placeholder X for codes less than 6 characters that require a 7th character. - Additional elements within specific codes define terms and add coding instructions relating to difficult terminology, diseases and conditions, or coding in a specific category. - Items are included throughout the Tabular List to ensure accurate coding, providing additional information on common diseases and conditions. - Codingupdates.com companion website includes the latest changes to the ICD coding system. - NEW! 2016 ICD-10-CM: Standard Edition replaces Carol Buck's ICD-9-CM, Volumes 1 and 2; this manual includes an introduction to ICD-10-CM coding in Part I, an alphabetic index to diseases and injuries in Part II, and the Tabular List of diseases and injuries in Part III. - UPDATED 2016 Official Code set reflects the latest ICD-10 codes needed for diagnosis coding.

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Carol J. Buck, 2015-11-12 Select diagnosis codes accurately with Carol J. Buck's 2016 ICD-10-CM for Physicians: Professional Edition. Designed by coders for coders, this full-color manual includes all the ICD-10 codes needed for today's outpatient and physician-based coding. As coders need more extensive knowledge to work with ICD-10-CM — and to choose from the thousands of possible codes — this edition provides an essential background in A&P, pathology, and medical terminology, along with colorful Netter's Anatomy illustrations and clear instructions for using the book. Together with the durable spiral binding, these features make professional diagnosis coding faster and easier. Also included is a companion website with the latest coding news and updates! UNIQUE! Full-color Netter's Anatomy art is included in a separate section for easy reference and cross-referenced within the Tabular List, to help you understand anatomy and how it may affect choosing codes. Full-color design includes consistent color-coded symbols and text, providing easier access to codes and coding information. More than 150 full-color illustrations provide visual orientation and enhance understanding of specific coding situations. Official Guidelines for Coding and Reporting (OGCRs) are listed in full and also integrated within the code set, providing fast, easy access to coding rules. Convenient Guide to the Updates in the front of the book lists all new, revised, and deleted codes, providing at-a-glance lookup of the annual changes. Symbols and highlights draw attention to codes that may require special consideration before coding, including: New, Revised, and Deleted Codes that call for the use of additional character(s) Includes, Excludes 1 and Excludes 2 Use Additional Unspecified Code First and Code Also Items are included throughout the Tabular List to ensure accurate coding, providing additional information on common diseases and conditions. Placeholder X symbol reminds you to assign placeholder X for codes less than 6 characters that require a 7th character. Additional elements within specific codes define terms and add coding instructions relating to difficult terminology, diseases and conditions, or coding in a specific category. Manifestation code identifies conditions for which it is important to record both the etiology and the symptom of the disease. Age and Sex edits from the Definition of Medicare Code Edits help to ensure accuracy by denoting codes that are used only with patients of a specific age or sex. American Hospital Association's Coding Clinic® citations include official ICD-10-CM coding advice relating to specific codes and their usage. Codingupdates.com companion website includes the latest changes to the ICD coding system.

history of brain tumor icd 10: Buck's 2025 ICD-10-CM for Hospitals - E-BOOK Elsevier Inc, Jackie Koesterman, 2024-09-26 Selecting diagnosis codes is faster and easier with Buck's 2025 ICD-10-CM for Hospitals. Designed by coders for coders, this full-color manual includes all the ICD-10 codes that you need for today's inpatient coding. As coders need extensive knowledge to code with ICD-10-CM — and to choose from the thousands of possible codes — this edition makes it easier with colorful anatomy plates (including Netter's Anatomy illustrations) to help you understand anatomy and how it can affect your code choices. In addition, it comes with durable spiral binding,

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history of brain tumor icd 10: *2012 ICD-10-CM Draft Standard Edition -- E-Book* Carol J. Buck, 2016-06-16 - NEW! Age and Sex edits from the Medicare Code Editor alert you to codes that are used only with patients of a specific age or sex, helping to ensure accurate reporting - Present on

Admission symbol highlights the diseases that will always be coded as present on admission. - Hospital Acquired Condition symbol notes specific conditions that will always be coded as hospital acquired for easier recognition.

history of brain tumor icd 10: *ICD-10-CM 2022 the Complete Official Codebook with Guidelines* American Medical Association, 2021-09-20 ICD-10-CM 2022: The Complete Official Codebook provides the entire updated code set for diagnostic coding, organized to make the challenge of accurate coding easier. This codebook is the cornerstone for establishing medical necessity, correct documentation, determining coverage and ensuring appropriate reimbursement. Each of the 22 chapters in the Tabular List of Diseases and Injuries is organized to provide quick and simple navigation to facilitate accurate coding. The book also contains supplementary appendixes including a coding tutorial, pharmacology listings, a list of valid three-character codes and additional information on Z-codes for long-term drug use and Z-codes that can only be used as a principal diagnosis. Official 2022 coding guidelines are included in this codebook. FEATURES AND BENEFITS Full list of code changes. Quickly see the complete list of new, revised, and deleted codes affecting the CY2022 codes, including a conversion table and code changes by specialty. QPP symbol in the tabular section. The symbol identifies diagnosis codes associated with Quality Payment Program (QPP) measures under MACRA. New and updated coding tips. Obtain insight into coding for physician and outpatient settings. Chapter 22 features U-codes and coronavirus disease 2019 (COVID-19) codes Improved icon placement for ease of use New and updated definitions in the tabular listing. Assign codes with confidence based on illustrations and definitions designed to highlight key components of the disease process or injury and provide better understanding of complex diagnostic terms. Intuitive features and format. This edition includes color illustrations and visual alerts, including color-coding and symbols that identify coding notes and instructions, additional character requirements, codes associated with CMS hierarchical condition categories (HCC), Medicare Code Edits (MCEs), manifestation codes, other specified codes, and unspecified codes. Placeholder X. This icon alerts the coder to an important ICD-10-CM convention--the use of a placeholder X for three-, four- and five-character codes requiring a seventh character extension. Coding guideline explanations and examples. Detailed explanations and examples related to application of the ICD-10-CM chapter guidelines are provided at the beginning of each chapter in the tabular section. Muscle/tendon translation table. This table is used to determine muscle/tendon action (flexor, extensor, other), which is a component of codes for acquired conditions and injuries affecting the muscles and tendons Index to Diseases and Injuries. Shaded guides to show indent levels for subentries. Appendixes. Supplement your coding knowledge with information on proper coding practices, risk-adjustment coding, pharmacology, and Z-codes.

history of brain tumor icd 10: 2017 ICD-10-CM Hospital Professional Edition - E-Book Carol J. Buck, 2016-09-23 Updated 2017 Official Code set reflects the latest ICD-10 codes needed for diagnosis coding. NEW! Enhanced Official Guidelines for Coding and Reporting are listed in full in the Introduction, at the beginning of each chapter, and integrated within the code set, providing easier reference to coding rules when they are needed most. NEW! Updated design better differentiates between Os and 0s. NEW! Netter's Anatomy art symbol is included in the Tabular List, making it easier to look up and understand anatomy. NEW color images show difficult coding concepts.

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2015-01-01 - Full-color format includes consistent color-coded symbols, and is specifically designed to meet the needs of hospital inpatient, outpatient, and professional coding.

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history of brain tumor icd 10: 2016 ICD-10-CM Standard Edition Carol J. Buck, 2015-08-17 Select diagnosis codes accurately with Carol J. Buck's 2016 ICD-10-CM: Standard Edition. Designed by coders for coders, this practical manual includes all the ICD-10 codes needed for basic inpatient, outpatient, and Medicare coding. As coders need more extensive knowledge to code with ICD-10-CM - and to choose from the thousands of possible codes - this edition provides an essential background in A&P, pathology, and medical terminology, along with colorful Netter's Anatomy illustrations and clear instructions for using the book. Together, these features make diagnosis coding faster and easier. Also included is a companion website with the latest coding news and updates! UNIQUE! Full-color Netter's Anatomy art is included in a separate section for easy reference and cross-referenced within the Tabular List to help you understand anatomy and how it may affect choosing codes. More than 150 illustrations provide visual orientation and enhance understanding of specific coding situations. Convenient Guide to the Updates in the front of the book lists all new, revised, and deleted codes, providing at-a-glance lookup of the annual changes. Two-color design provides an economical version of this coding manual. Official Guidelines for Coding and Reporting (OGCRs) are listed in full and also integrated within the code set, providing fast, easy access to coding rules. Symbols and highlights draw attention to codes that may require special consideration before coding, including: New, Revised, and Deleted Codes that call for the use of additional character(s) Includes, Excludes 1 and Excludes 2 Use Additional Unspecified Code First and Code Also Placeholder X symbol reminds you to assign placeholder X for codes less than 6 characters that require a 7th character. Additional elements within specific codes define terms and add coding instructions relating to difficult terminology, diseases and conditions, or coding in a specific category. Items are included throughout the Tabular List to ensure accurate coding, providing additional information on common diseases and conditions. Codingupdates.com companion website includes the latest changes to the ICD coding system. NEW! 2016 ICD-10-CM: Standard Edition replaces Carol Buck's ICD-9-CM, Volumes 1 and 2; this manual includes an introduction to ICD-10-CM coding in Part I, an alphabetic index to diseases and injuries in Part II, and the Tabular List of diseases and injuries in Part III. UPDATED 2016 Official Code set reflects the latest ICD-10 codes needed for diagnosis coding.

history of brain tumor icd 10: Adenocarcinoma of the Prostate Andrew W. Bruce, John Trachtenberg, 2012-12-06 Carcinoma of the prostate increasingly dominates the attention of urologists for both scientific and clinical reasons. The search for an explanation and the prediction of the variable behaviour of the malignant prostatic cell continues unabated. The search for more precise tumour staging and more effective treatment is equally vigorous. Editors Andrew Bruce and John Trachtenberg have assembled acknowledged leaders in prostate cancer to present those areas of direct interest to the clinician. There are a number of other topics that might have been

considered but most of these, such as experimental tumour models or biochemical factors affecting cell growth, still lack immediate application for the clinician. Carcinoma of the prostate continues to have its highest incidence in the western world, and the difference in comparison with the incidence in the Far East appears to be real and not masked by diagnostic or other factors. A number of other epidemiological aspects need careful analysis: Is the incidence increasing? Is the survival improving? Is the prognosis worse in the younger patient? Epidemiological data are easily misused and misinterpreted so that a precise analysis of the known facts makes an important opening chapter to this book.

history of brain tumor icd 10: Buck's 2025 ICD-10-CM for Physicians - E-BOOK Elsevier Inc, Jackie Koesterman, 2024-09-26 Selecting diagnosis codes is faster and easier with Buck's 2025 ICD-10-CM for Physicians. Designed by coders for coders, this full-color manual includes all the ICD-10 codes that you need to code medical services provided in physicians' offices and outpatient settings. As coders need extensive knowledge to code with ICD-10-CM — and to choose from the thousands of possible codes — this edition makes it easier with colorful anatomy plates (including Netter's Anatomy illustrations) to help you understand anatomy and how it can affect your code choices. In addition, it comes with durable spiral binding, and includes a companion website with the latest coding updates.

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characters that require a 7th character. Manifestation code identifies conditions for which it is important to record both the etiology and the symptom of the disease. Age and Sex edits from the Definition of Medicare Code Edits help to ensure accuracy by denoting codes that are used only with patients of a specific age or sex. Codingupdates.com companion website includes the latest changes to the ICD coding system.

history of brain tumor icd 10: ICD-10-CM 2018 the Complete Official Codebook American Medical Association, 2017-09 ICD-10-CM 2018: The Complete Official Codebook provides the entire updated code set for diagnostic coding. This codebook is the cornerstone for establishing medical necessity, determining coverage and ensuring appropriate reimbursement.

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history of brain tumor icd 10: Buck's 2019 ICD-10-CM Hospital Professional Edition E-Book Elsevier, 2019-05-10 Selecting diagnosis codes is faster and easier with Buck's 2019 ICD-10-CM Hospital Edition. Designed by coders for coders, this full-color manual includes all the ICD-10 codes that you need for today's inpatient coding. As coders need extensive knowledge to code with ICD-10-CM — and to choose from the thousands of possible codes — this edition makes it easier with colorful Netter's Anatomy illustrations to help you understand anatomy and how it can affect your code choices. In addition, it comes with durable spiral binding, and includes a companion website with the latest coding news and updates.

history of brain tumor icd 10: Medicare Coverage of Routine Screening for Thyroid Dysfunction Institute of Medicine, Board on Health Care Services, Committee on Medicare Coverage of Routine Thyroid Screening, 2003-09-01 When the Medicare program was established in 1965, it was viewed as a form of financial protection for the elderly against catastrophic medical expenses, primarily those related to hospitalization for unexpected illnesses. The first expansions to the program increased the eligible population from the retired to the disabled and to persons receiving chronic renal dialysis. It was not until 1980 that an expansion of services beyond those required for the diagnosis or treatment of illness or injury or to improve the functioning of a malformed body member was included in Medicare. These services, known as preventive services, are intended either to prevent disease (by vaccination) or to detect disease (by diagnostic test) before the symptoms of illness appear. A Committee was formed to conduct a study on the addition of coverage of routine thyroid screening using a thyroid stimulating hormone test as a preventive benefit provided to Medicare beneficiaries under Title XVIII of the Social Security Act for some or all Medicare beneficiaries.

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