CONCEPT MAP OF GENETIC DISORDERS (most of this info is also in your notes. Some information is added here so you can understand examples of each category. If you don't see a Genetic Disorders disease in your notes, you won't have to know it for the exam.) Two categories—chromosomal aberrations & single gene disorders Chromosomal aberrations Key characteristics (XC): Single gene disorders (next page) · one or more chromosomes damaged often caused by clastogens such as xravs, drugs, viruses, free radicals Alterations in structure KC: 2 sub-categories: alterations in number (aneuploidy) when parts of chromosomes are deleted, duplicated, or rearranged one type of rearrangement is called translocation alterations in structure an example of translocation-- Philadelphia chromosome. Alterations in number (aneuploidy) KC: Philadelphia chromosome -> CML caused by non-disjunction-failure to divide properly KC: non-disjunction results in too few chromosomes (45) or too results from translocation. many (47): part of a particular chromosome "breaks off" & attaches to another. · the left over, deformed, piece is known as the Philadelphia too fewtoo manychromosome monosomy polysomy If a person has this chromosome, will more likely have. CML—chronic myelocytic leukemia · CML occurs because the genes on the once-healthy Turner's Syndrome Trisomy 21 (Down's syndrome) chromosome control WBC production-now those genes KCC: RC: damaged -> WBC production "goes crazy" in bone marrow -> 31" chromosome set has 3. presence of only: huge number of WBCs in blood (leukocytosis)-> diagnosis of instead of two & this causes. 45 chromosomes leukemia. -one X instead of XX malfunction of the genes that code for normal development. 58/5 (phenotypel): mental retardation epicanthic fold. short limbs large tongue-

Genetic Disorders Concept Mapping Answers Key

Donna D. Ignatavicius, M. Linda Workman

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Lewis's Medical-Surgical Nursing Diane Brown, Helen Edwards, Lesley Seaton, Thomas Buckley, 2017-03-25 Perfect for Undergraduate Nursing Students Postgraduate Specialist Nursing Pathways Advanced Medical Surgical Nursing TAFE Bachelor of Nursing Program Lewis s Medical Surgical Nursing Assessment and Management of Clinical Problems 4th Edition is the most comprehensive go to reference for essential information about all aspects of professional nursing care of patients Using the nursing process as a framework for practice the fourth edition has been extensively revised to reflect the rapid changing nature of nursing practice and the increasing focus on key nursing care priorities Building on the strengths of the third Australian and New Zealand edition and incorporating relevant global nursing research and practice from the prominent US title Medical Surgical Nursing 9Th Edition Lewis s Medical Surgical Nursing 4th Edition is an essential resource for students seeking to understand the role of the professional nurse in the contemporary health environment 49 expert contributors from Australia and New Zealand Current research data and Australian and New Zealand statistics Focus on evidence based practice Review questions and clinical reasoning exercises Evolve Resources for instructor and student including quick quiz s test banks review questions image gallery and videos Chapter on current national patient safety and clinical reasoning Over 80 new and revised case studies Chapter on rural and remote area nursing Fully revised chapter on chronic illness and complex care Chapter on patient safety and clinical reasoning Greater emphasis on contemporary health issues such as obesity and emergency and disaster nursing Australia and New Zealand sociocultural focus Denise R. Ferrier.2021 Medical-surgical Nursing Donna D. Ignatavicius, M. Linda Workman, 2013 Using a uniquely collaborative and reader friendly approach expert authors Donna D Ignatavicius and M Linda Workman cover all the latest trends evidence based treatment guidelines and additional updated information needed for safe clinical practice in medical surgical nursing This seventh edition features an expanded emphasis on patient safety and NCLEX Examination preparation new ties to the QSEN priorities for patient safety and a greater alignment with the language and focus of clinical practice A new chapter on evidence based practice and a wealth of effective online learning tools help solidify your mastery of medical Study Guide for Pathophysiology Carie A. Braun, Cindy Anderson, 2006-10-01 This student workbook is surgical nursing designed to accompany Braun and Anderson's Pathophysiology Functional Alterations in Human Health The workbook contains additional case studies and questions test taking strategies quiz questions and exercises involving concept mapping

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btc has a square thread with a flat root and crest a runout design and five buttress threads per inch each thread type is suited for a specific well condition stc is a good choice for shorter length casing applications that do not involve high axial loads or bending

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the two steps are identified as 1 the 75 percent shoulder width method 2 the mismatched outside diameter method the two methods are fully described in annex i 6 2 3 other considerations table 3 table a 3 have bevel diameters that cover a range from a suggested minimum od to a maximum od the tables also contain a reference id

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inspection inspection criteria for all api connections is as outlined in api rp 5a5 ensure the complete thread area has no tears gouges or raised metal black crested threads within the complete thread area must not exceed 25 of the circumference of two 2 threads complete thread length is indicated in api rp 5b1

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