

Embryology An Illustrated Colour Text 2e

Now over 70,000 copies sold! This comprehensively revised edition of Clinical Biochemistry offers essential reading for today's students of medicine and other health science disciplines – indeed, anyone who requires a concise, practical introduction to the subject. Topics are clearly presented in a series of double-page 'learning units', each covering a particular aspect of clinical biochemistry. Four sections provide a core grounding in the subject: Introducing clinical biochemistry gives an insight into how modern hospital laboratories work, and includes an entirely new series of learning units on the interpretation of test results Core biochemistry covers the bulk of routine analyses, and their relevance to the clinical setting Endocrinology provides an overview of endocrine investigations as well as a practical approach to thyroid, adrenal, pituitary and gonadal function testing Specialised investigations embraces an assortment of other topics that students may encounter This edition represents the most radical revision of the book to date. Every learning unit has been examined and updated to reflect current developments and clinical best practice. Entirely new material includes a series of learning units on interpretation and analytical aspects of clinical biochemistry. Coverage of fluid biochemistry is now more comprehensive. New "Want to know more?" links throughout the book point readers to relevant further information. (Printed version) now includes the complete eBook version for the first time – downloadable for anytime access and enhanced with new, interactive multiple choice questions for each section, to test your understanding and aid exam preparation

As indicated by its title, this monograph deals chiefly with morphologically recognizable deviations from the normal anatomical condition of the human CNS. The AD-associated pathology is illustrated from its beginnings (sometimes even in childhood) to its final form, which is reached late in life. The AD process commences much earlier than the clinically recognizable phase of the disorder, and its timeline includes an extended preclinical phase. The further the pendulum swings away from the symptomatic final stages towards the early pathology, the more obvious the lesions become, although from a standpoint of severity they are more unremarkable and thus frequently overlooked during routine neuropathological assessment. For this reason, the authors deal with the hallmark lesions in the early phases of the AD process in considerable detail

As seen in Real Simple's 2017 Gift Guide An illustrated guide to the challenges and pleasures of the introverted life Introversion is "in." But there are still many misconceptions about introverts in the world. They're shy. Anti-social. They don't want to have close relationships. They're all cat people. They don't like big parties (okay, that last one might be true). INFJoe, the cartoon persona of artist and introvert Aaron Caycedo-Kimura, is here to set the record straight. Filled with charming comic book style illustrations, this book provides invaluable insights into the introverted life with plenty of humor and wit. Full of moments that will make introverts say, "That's so me!" as well as helpful tips on surviving at parties and in the workplace, Text, Don't Call is the perfect gift for your quiet friends, or the extroverted ones who could use some help to better understand the introverts in their lives.

Embryology E-BookAn Illustrated Colour TextElsevier Health Sciences

Now fully revised and updated, this leading ICT series volume offers concise, superbly illustrated coverage of neuroanatomy that throughout makes clear the relevance of the anatomy to the practice of modern clinical neurology. Building on the huge success of previous editions, Neuroanatomy ICT, fifth edition is designed and written primarily with the medical student in mind, although it will again be valued by the

range of other students and professionals who need a clear, current understanding of this important area. Minimum assumptions are made of existing knowledge of the subject. This edition now comes with an enhanced electronic version - hosted on the new, improved Student Consult platform - providing an even richer learning experience and rapid reference anytime, anywhere! "A clear guide to a complex subject that's useful for students and clinicians alike not just for students: it's also the perfect tool for refreshing the memory of a busy clinician" Reviewed by: Dr Amit Kumar, GP in Aylesford, On behalf of (journal): Pulse Notoriously difficult concepts made clear in straightforward and concise text Level of detail carefully judged to facilitate understanding of the fundamental neuroanatomical principles and the workings of the nervous system, providing a sound basis for the diagnosis and treatment of contemporary neurological disorders All new line drawings and photographs incorporated throughout to further improve clarity and reflect the latest imaging techniques Clinical material and topic summaries fully updated and highlighted in succinct boxes within the text Clinical syndromes/symptoms index provided with cross-referencing to relevant text Memorable pictorial summaries of symptoms associated with the main clinical syndromes New added value electronic content - including self-assessment material to aid revision and check your understanding - is incorporated within the superb, complimentary enhanced eBook Highly Commended in Obstetrics and gynaecology in the 2017 BMA Medical Book Awards Embryology at a Glance is a highly illustrated and innovative introduction to key embryological concepts, with concise, memorable descriptions of major embryological developments. This new edition covers the basic principles of human development, from mitosis and meiosis, before exploring the primary formation of each body system, including the development of the musculoskeletal, circulatory, digestive, reproductive, and nervous systems during the foetal and neonatal periods. Key features include: New chapters on cell signalling genes, stem cells, and antenatal screening for common congenital and genetic defects Full colour photographs and illustrations Links to clinical practice highlighted throughout Timelines of each developmental stage MCQs and EMQs for revision and review A companion website at www.ataglanceseries.com/embryology featuring 15 brand new animations, and podcasts to help clearly explain the processes that occur during development. An additional instructor resource contains an image bank of all the figures from the book to aid teaching this fascinating area Embryology at a Glance provides the perfect alternative to the overwhelming detail seen in conventional embryology texts. It provides just the right level of detail on embryology and congenital abnormalities for all medical students and health professionals to develop a thorough understanding of human development and its implications for clinical practice.

This concise source for the clinical anatomy of the visual system covers the clinical anatomy of the eye, its adnexa, and the visual pathways in a well-illustrated, well-referenced format. It balances histologic content of the microscopic anatomy with functional aspects of the eye and visual system. Clear illustrations complement the text and provide clinical information on diseases and disorders that represent departures from normal clinical anatomy. Full color illustrations throughout enhance the anatomical and clinical information. The only anatomy text written by an optometrist for optometrists and students - it provides a strong foundation for recognizing and understanding clinical situations, problems, and treatments. Clinical Comment sections have been expanded to include more clinical correlation comments and put knowledge of ocular anatomy into a practice perspective. Clinical appearance of normal structures is now included, with normal photos of the cornea, iris, lens, retina, etc., to show how appearance is directly related to structure. New information on aging changes in ocular tissue and the visual pathway keeps readers current with the expanding field of geriatric care and the changes that occur to normal anatomy.

This series extracts the most important information on each topic and presents it in a concise, uncluttered fashion to prepare students for the USMLE. High-Yield means exactly that! High-Yield Embryology, Fifth Edition provides a concentrated, efficient review of embryology material

tested on the USMLE Step 1. Concepts are presented in a streamlined outline format with tables, diagrams, photos, and radiographs to clarify important material. In response to student feedback, the Fifth Edition features: New and updated figures Additional USMLE-style case studies at the end of each chapter An expanded section on early development

Now fully revised and updated, this leading ICT series volume offers concise, superbly illustrated coverage of neuroanatomy, that throughout makes clear the relevance of the anatomy to the practice of modern clinical neurology. Building on the success of previous editions, Neuroanatomy ICT, sixth edition has been fine-tuned to meet the needs of today's medical students – and will also prove invaluable to the range of other students and professionals who need a clear, current understanding of this important area. Generations of readers have come to appreciate the straightforward explanations of complex concepts that students often find difficult, with minimum assumptions made of prior knowledge of the subject. This (print) edition comes with the complete, enhanced eBook – including BONUS figures and self-assessment material – to provide an even richer learning experience and easy anytime, anywhere access! Notoriously difficult concepts made clear in straightforward and concise text Level of detail carefully judged to facilitate understanding of the fundamental neuroanatomical principles and the workings of the nervous system, providing a sound basis for the diagnosis and treatment of contemporary neurological disorders Clinical material and topic summaries fully updated and highlighted in succinct boxes within the text Memorable pictorial summaries of symptoms associated with the main clinical syndromes Over 150 new or revised drawings and photographs further improve clarity and reflect the latest imaging techniques New expanded coverage of neuropsychological disorders and their relationship to neuroanatomy – increasingly important given aging populations Access to the complete, enhanced eBook – including additional images and self-assessment material to aid revision and check your understanding.

A textbook in the Illustrated Colour Text series on ENT, aimed at medical students and junior doctors. Concise presentation of ENT in the attractive ICT format - clear line diagrams, colour photos of clinical conditions, summary boxes etc. Covers a topic which is important in primary care - medical students and junior doctors are motivated to buy a book in this area. Basic anatomy and physiology is reviewed - useful revision for students in clinical years. Comprehensive coverage of both presenting symptoms and specific diseases, with more detail on the commoner conditions. Clear description of examination and investigation techniques.

This is a new edition of an innovative and popular introduction to ophthalmology, which in its first edition was awarded the Asher Prize in the Royal Society of Medicine Book Awards. After an introduction to the anatomy of the eye and its examination, the major diseases of the eye and their management are described, followed by a problem-based introduction to clinical decision making. For this third edition, the book has been revised to take account of the many

advances in this specialty including the use of monoclonal antibodies in the treatment of 'wet' age-related macular degeneration and new surgical techniques for corneal transplants. Presents the core knowledge of ophthalmology and disorders of the eye, with a wealth of friendly features and superb illustrations. Relates structure to function in accordance with the approach that most of today's courses take. Tackles the common difficulties of diagnosis and management, such as acute red eye, sudden vision loss, and spots before the eyes, in the clinical decision-making section. Thoroughly updated to reflect current clinical practice. Additional material on macular degeneration. New and replacement images to reflect use of new imaging modalities.

Written for students who must prepare for national board examinations and for interns who need a review of basic clinical anatomy, this Fourth Edition features graphs and tables that simplify the learning process. Also included are review questions that follow the board examination format. Redundant material has been eliminated to create a slimmer, easy to read text. This book can be used as a standalone review tool, or as a companion to the Seventh Edition of the Clinical Anatomy for Medical Students textbook. Compatibility: BlackBerry(R) OS 4.1 or Higher / iPhone/iPod Touch 2.0 or Higher / Palm OS 3.5 or higher / Palm Pre Classic / Symbian S60, 3rd edition (Nokia) / Windows Mobile(TM) Pocket PC (all versions) / Windows Mobile Smartphone / Windows 98SE/2000/ME/XP/Vista/Tablet PC

Covering the essentials of normal and abnormal human development for students in a variety of health science disciplines, *Before We Are Born: Essentials of Embryology and Birth Defects*, 10th Edition, reflects new research findings and current clinical practice through concise text and abundant illustrations. This edition has been fully updated by the world's foremost embryologists and is based on the popular text, *The Developing Human*, written by the same author team. It provides an easily accessible understanding of all of the latest advances in embryology, including normal and abnormal embryogenesis, causes of birth defects, and the role of genes in human development. Features streamlined content throughout, numerous photographs of common clinical cases and embryological explanations, didactic illustrations, and nearly 700 USMLE-style questions with full answers and explanations to help prepare for professional exams. Includes interactive clinical cases in every chapter that make important connections between human development and clinical practice—ideal for preparing for USMLE Step 1. Includes many new color photographs, new diagnostic images (3D ultrasound, CT scans, and MR images), an updated teratology section, revised and highlighted information on molecular aspects of developmental biology, and new information on the cellular and molecular basis of embryonic development. Follows the official international list of embryological terms (*Terminologia Embryonica*, 2013). Progress in developmental neurobiology and advances in (neuro) genetics have been spectacular. The high resolution of modern imaging techniques applicable to developmental disorders of the human brain and spinal cord have created a

novel insight into the developmental history of the central nervous system (CNS). This book provides a comprehensive overview of the development of the human CNS in the context of its many developmental disorders. It provides a unique combination of data from human embryology, animal research and developmental neuropathology, and there are more than 400 figures in over a hundred separate illustrations.

Presents core information on human embryology. The concise text and clear diagrams help to explain complex processes and concepts, and key points boxes aid retention of the most important facts. The science is linked to clinical medicine with clinical boxes. Highlighting relevant medical conditions, and a glossary helps to demystify embryological terms. Clear full colour diagrams and pictures make the embryological concepts clear and easily assimilated. Clinical boxes make the the nub of what most medical students need to know.

The new edition of this well-known text brings undergraduates fully up to date with the latest information on human embryology. Beginning with an overview of genetics, the female reproductive system, fertilisation, and early development of the embryo, the following sections each examine the development of a different embryonic system. The genetic and molecular aspects of each system are presented in tabular format and clinical correlations are highlighted in separate boxes to enhance learning. The eleventh edition features new chapters on genetics and molecular biology, the skeletal and muscular system, clinical applications, and embryology ready reckoner. The text is highly illustrated with clinical photographs and tables and each chapter includes case scenarios and review questions for self-assessment. Key points Fully revised, new edition presenting undergraduates with the latest information on human embryology Eleventh edition includes several new chapters Features case scenarios and review questions for self-assessment Previous edition (9789351521181) published in 2014

This comprehensive, illustrated guide presents representative general surgery, including gastrointestinal tract, hepatobiliary and inguinal hernia. Surgery is generally based on the microanatomy; however, in practice surgery involves more dynamic and floating anatomy. In the last decade, the methods have been constantly improved, shedding new light on classical anatomical science. Laparoscopic is one such methodology. All illustrations presented in this book have been drawn by the author – a pioneering surgeon – and show real-world procedures. All the methods introduced are practical and have been refined based on the precise clinical and embryological anatomy. This unique book offers readers essential insights into efficient and high-integrity surgeries in abdominal region. As such, it is a valuable resource for all gastrointestinal surgeons.

This book presents a comprehensive coverage of clinical dermatology, including: review of basic anatomical and physiological principles ; survey of skin disease and the dermatological manifestation of other internal disorders ;

summary of established and new dermatological treatments.

This volume provides a practical, comprehensive overview on benign and malignant disease of the adult kidney. The text addresses the topic of assessment and management of patients with surgical renal disease. Within this scope, it includes hereditary and spontaneous renal neoplasms, as well as non-neoplastic disease that manifests as a clinically relevant mass. The book is organized into chapters focusing on discrete disease entities and incorporating pathology, surgical management, oncologic therapy, radiologic findings, and molecular alterations. This text is designed to address relevant areas of clinical management of renal neoplastic and non-neoplastic disease across multiple specialties and levels of training. Written by experts in the field, *The Kidney: A Comprehensive Guide to Pathologic Diagnosis and Management* is a valuable resource on the diagnosis and management of patients with not only renal cell carcinoma, but also other renal processes that require surgical intervention.

An integrated approach to teaching basic sciences and clinical medicine has meant that medical students have been driven to a range of basic science textbooks to find relevant information. *Medical Sciences* is designed to do the integration for you. In just one book, the diverse branches of medical science are synthesised into the appropriate systems of the human body, making this an invaluable aid to approaching the basics of medicine within in a clinical context. . An integrated approach to teaching basic sciences and clinical medicine has meant that medical students have been driven to a range of basic science textbooks to find relevant information. *Medical Sciences* does the integration for you. In just one book, the diverse branches of medical science are synthesised into the appropriate systems of the human body, making this an invaluable aid to approaching the basics of medicine within in a clinical context. Eleven new contributors. Completely new chapters on Biochemistry and cell biology, Genetics, The nervous system, Bones, muscle and skin, Endocrine and reproductive systems, The cardiovascular system, The renal system and Diet and nutrition. Completely revised and updated throughout with over 35 new illustrations . Expanded embryology sections with several new illustrations.

This core genetics text supports medical students in their first or second year. Unique in its approach, *Genetics* teaches concepts by exploring disease entities within the context of the organ system in which they most frequently present. Coverage of the patient and family's point of view helps students understand and anticipate the major obstacles for those living with severe genetic conditions. Top 30 genetic conditions are profiled in a special section. Content has been carefully adapted from the successful German text for the English language audience.

The color atlas presents the complex and fascinating field of embryology in an easy-to-understand fashion with the help of 176 beautiful, didactically organized color plates. Because medical students and biologists need different types of

information, topics relevant to each field have been clearly differentiated, making it possible to learn in a focused and time-saving manner. The overview at the beginning of each section orients the reader quickly and provides a convenient study aid. Interested readers (not only physicians and biologists) can delve into any number of topics, from the basics of reproductive biology to general embryology, including the "hot" topics related cellular and molecular biology. Learning Objectives that highlight the coverage of the chapter vis-à-vis the new competency-based curriculum. This brand new title provides a highly illustrated introduction to key embryological concepts, with concise, memorable descriptions of major embryological developments. Embryology at a Glance introduces the basic principles of human development, from mitosis and meiosis, and walks you through the primary formation of each body system, with coverage of the continued development of the respiratory and vascular systems during the foetal and neonatal periods. Fully geared towards the medical school curriculum, the coverage of major steps in human development allows a better understanding of adult anatomy, development-associated conditions, congenital abnormalities and their treatments. Embryology at a Glance: Features full colour photographs and illustrations, including 3-dimensional illustrations where appropriate, and full labels Offers 'one-stop' coverage of the skeletal, muscular, circulatory, respiratory, nervous, reproductive, urinary, endocrine and digestive systems Highlights clinical correlations throughout Includes timelines so you won't lose sight of the temporal aspect of embryology Includes Multiple Choice Questions (MCQs) and Extended Matching questions (EMQs) for revision and review A companion website with links to the Dr Webster's embryological and anatomical podcasts is available at: <http://www.wiley.com/go/embryology> The clear, descriptive diagrams characteristic of the at a Glance series will help all medical students and health professionals develop an understanding of human development and its implications for clinical practice.

EMBRYOLOGY provides a concise and highly illustrated text, which confines its descriptions to those that are relevant for modern undergraduate and postgraduate medical courses, and similar courses in other related disciplines. An appreciation of embryology is essential to understand topological relationships in gross anatomy and to explain many congenital anomalies. Each chapter is supplemented by clinical point 'boxes' and by key revision points. Text in concise Illustrated Colour Text style, so core information on embryology can be quickly recognised and digested. Clear full colour diagrams and pictures make the embryological concepts clear and easily assimilated. Clinical boxes highlight essential points of importance to medical students.

would also like to thank the following individuals and publishers for granting permission to reproduce data or figures: Alan Dolby (Figure 6.2) and Pauline Handley (Figure 4.5, Table 4.6); American Society for Microbiology (Figure 4.5); Cambridge University Press (Figure 7.3, Table 7.7); Harwood Academic Publishers (Table 4.6); Journal of Dental Research (Tables 6.9 and 6.10); and MTP Press Ltd (Figures 2.6 and 4.2, Table 6.1). Particular thanks also go to our families who have put up with so much during the preparation of this book. P. D. Marsh, Salisbury M. V. Martin, Liverpool Preface to the second edition Oral microbiology forms an important part of the curriculum of dental students while the

multidisciplinary nature of the research in this area means that studies of the adherence, metabolism and pathogenicity of oral bacteria are equally relevant to microbiologists. The success of the first edition of Oral Microbiology stems in part from the fact that the book satisfies successfully the needs of both of these groups of students as well as those of general dental practitioners, medical students and senior scientists.

This volume in the Illustrated Colour Text series brings together high quality illustrations and a concise text focussed on essential features and is ideal for modern, medical undergraduate curricula where basic sciences emphasise the principle points of relevance to the students. Volume in Illustrated Colour Text series. Same first author as Embryology volume. Clinically relevant overview ideal for medical and other health science students. Extensively illustrated with both colour photomicrographs and line drawings.

This book provides a clear and readable introduction to the central concepts of clinical neuroscience. The first part of the book deals with fundamental areas of neuroscience required for a sound understanding of brain disease. This is followed by an account of the neurobiology of the most common and important brain diseases of the western world (stroke, epilepsy, Alzheimer's disease, Parkinson's disease and multiple sclerosis). The book is in the same general style as the successful Crossman: Neuroanatomy with extensive colour illustrations. Short, affordable and readable introductory level text in the same style as Crossman: Neuroanatomy. Assumes little previous neuroscience knowledge. Explains fundamental concepts without overwhelming detail Focuses on clinically relevant material. Includes the most common and important neurological disorders.

The unexpected results from an investigation into hereditary congenital anorectal malformations of pig embryos have demonstrated the weakness of earlier interpretations and constructions and underlined the need for a new inquiry into the normal development of the area in human embryos. It demonstrated that although data from malformations may offer extra information about the normal development of the area, great care has to be taken in using that information for the reconstruction of its normal development which should be firmly based on the observation of the evolving microscopic anatomy of the region in the first place.

This book can be used as a learning aid for undergraduates (MBBS and BDS), postgraduates and for those who are preparing for competitive exams in almost all specialities (MD, DNB, MS, FRCS, MRCP, DM, Mch) Topics are updated according to the Medical Council of India, Competency Based Undergraduate Curriculum for the Indian Medical Graduate Presented in the form of bullets for better grasping Clinical Nuggets include interesting facts about the topic Kliniche Perlen towards the end of each chapter deals with the applied aspects Points to ponder section for a quick recap Brain teasers with solved MCQs for self-assessment Quick review of genetics according to new curriculum Schematic diagrams and clinical photographs for better visualization of concepts A note on recent advances to create a curiosity for the topics YouTube channel by the author--LIFE IN THE WOMB with detailed explanation about the topics

Now in its fourth edition, this definitive and popular introduction to human behaviour in the context of health and illness includes three new chapters, many new contributors and a new co-editor. It is arranged in nine sections to cover the core concepts of psychology and sociology as they apply to medicine. The life cycle Development of the person Society and health Preventing illness and promoting health Illness, behaviour and the doctor-patient encounter Illness and disability Coping with illness and disability How do health services work How do you fit into all this? Topics presented as self-contained double-page spreads. Cases throughout to reinforce understanding of important concepts. Boxes and discussion points throughout. The authors comprise psychologists, sociologists and doctors. Highly illustrated 48 new contributors New co-editor, Gerry Humphris 3 new chapters: Malnutrition and obesity Urban nature health and well-being LGBT Health

This is the only book dedicated solely to frontal sinus disorders. It is a richly illustrated and comprehensive mine of information on the anatomy and management of these disorders. This updated second edition offers much new information. Additional topics include balloon dilation, frontal surgery as part of skull base surgery, and advances in endoscopic techniques and tools that have occurred since 2004 and have made open osteoplastic procedures almost obsolete. The anatomy and surgery of the supraorbital ethmoid cell and its significance in the pathology of frontal sinus disease are also covered. Throughout the book, particularly important areas of text are highlighted and core messages, emphasized. Videos of described procedures are available online.

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* 2011 Winner - BMA Book Awards - Student Textbook - Psychiatry * This innovative resource provides a highly visual introduction to the basic principles and practice of psychiatry. Each topic is covered in a single two-page unit to make reference and study uncommonly easy and effective. Abundant full-colour line diagrams, clinical photographs, and MRI images demonstrate essential concepts at a glance.

This edition covers all aspects of the subject needed by medical students. It is a volume in the Illustrated Colour Text series, with the subject matter divided into double-page spreads; this makes the information very accessible to the reader. Full use is made of flow charts and other graphics; clinical "boxes;" summary points; case histories; and clinical photographs. The whole orientation of the book is to concentrate on how clinical biochemistry relates to the care of the patient and to ensure that the medical student understands how to interpret laboratory.

Covers clinical biochemistry from the point of view of the clinician using the diagnostic service Presents topics in easily accessible two-page spreads Includes mini case histories, key point boxes, flowcharts, and summary points Well illustrated with four-color drawings and clinical photographs New appendix added of annotated web resources for students to take further many of the topics covered in the book. To reflect the difficulties people have sometimes in analyzing hyper- and hypo-kalaemia, the existing spread is split into two - one spread on hyperkalaemia and another on hypokalaemia. The spread on hypertension will be revised and updated to reflect the fact that biochemistry is used as much or more in guiding treatment as it is in screening for secondary hypertension. Spreads on Myocardial Infarction, Cancer and Tumour Markers will all substantially revised and updated.

Follow the amazing journey of the earliest stages of human life, with month-by-month development shown in unprecedented detail. The complex concepts and processes of emerging life are demystified with clear, jargon-free text, while exclusive 3-D images, extraordinary photographs, and detailed illustrations illuminate every aspect of human pregnancy. The largest section of the book examines the development of the baby in the womb and the parallel changes in the mother's body. Special 3-D art, illustrations, scans, and photographs show exactly how a baby changes and grows during pregnancy and how the female body adapts to carry it. A section on labor and birth explains these processes with step-by-step illustrations and easy-to-grasp text. The Science of Pregnancy also looks at the nature of human pregnancy, including how it evolved, and explores the anatomy and physiology of both the male and female reproductive systems. The mysteries of DNA and genetics are unraveled and explained in clear, illustrated detail, including patterns of inheritance and the interplay of genes and environment. Also provides straightforward, illustrated information on possible problems before, during, and after birth.

This book focuses on the current basic science research of hypospadias and genital development. Congenital anomalies of the genitalia are

the second most common birth abnormality besides congenital heart defects. Genital anomalies come in many varieties with the most common abnormality being hypospadias. The etiology of hypospadias remains unknown and the incidence is doubling in western countries with no definable explanation. It therefore seems especially germane to study this common congenital anomaly with a baseline incidence of 1/125-250 newborn males.

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