

Perforator Flaps Anatomy Technique Amp Clinical Applications Second Edition

Perforator Flaps Perforator Flaps Grabb's Encyclopedia of Flaps An Illustrated Handbook of Flap-Raising Techniques Perforator flaps : anatomy, technique & clinical applications. 2 Grabb's Encyclopedia of Flaps: Upper extremities Illustrated Handbook of Flap-Raising Techniques Grabb's Encyclopedia of Flaps: Torso, pelvis, and lower extremities Grabb's Encyclopedia of Flaps: Head and neck Reconstructive Surgery Surgical Atlas of Perforator Flaps Perforator Flaps Surgical Techniques in Orthopaedics and Traumatology Anatomy and Surgical Technique of Groin Dissection Information Technology and Computer Application Engineering Atlas of Regional and Free Flaps for Head and Neck Reconstruction Flaps Essentials of Plastic Surgery Essentials of Plastic Surgery Perforator Flaps Phillip N. Blondeel Phillip N. Blondeel Berish Strauch Kartik G. Krishnan Phillip N. Blondeel William C. Grabb Kartik G. Krishnan William C. Grabb William C. Grabb Michael Zenn Chunlin Hou Peter Neligan Jacques Duparc John Stricklin Spratt Hsiang-Chuan Liu Mark L. Urken Kayvan Shokrollahi Jeffrey E. Janis Jeffrey Janis Amanda Y. Behr

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Berish Strauch Kartik G. Krishnan Phillip N. Blondeel William C. Grabb Kartik G. Krishnan William C. Grabb William C. Grabb Michael Zenn Chunlin Hou Peter Neligan Jacques Duparc John Stricklin Spratt Hsiang-Chuan Liu Mark L. Urken Kayvan Shokrollahi Jeffrey E. Janis Jeffrey Janis Amanda Y. Behr

expert guidance on the use of perforator flaps for reconstruction from leading pioneers in the field nearly two decades ago the first edition of perforator flaps anatomy technique clinical applications was published thereby filling a gap in the literature and providing invaluable clinical pearls on the use of soft tissue flaps for reconstructive surgery since the publication of the second edition technological advances including mri angiography standard color duplex ultrasound ultra high frequency ultrasound and indocyanine green enabled better understanding of select pertinent physiology and delineation of perforators anywhere in the body greater anatomical knowledge and the ability to map the course of individual perforators is reflected in the updated third edition by renowned global experts and editors of the prior editions phillip n blondeel steven f morris geoffrey g hallock and peter c neligan the primary goal of the third edition is to discuss evidenced based perforator concepts and techniques that have been incorporated into global practice worldwide although condensed into a single volume the new edition follows a similar format as prior editions with chapters divided into four sections the first section provides a solid foundation of knowledge with discussion of rudimentary fundamentals the second section illustrates the use of basic types of local perforator flaps introduces the vascularized dermal graft describes routine suprafascial flap dissections with perforators themselves as recipient and donor vessels lymphatics reconstituted in concert with perforator flaps and how to minimize donor site morbidity with kiss flaps the third section outlines basic anatomy and techniques for common perforator flaps while the fourth section provides a brief overview of suggested preferences for clinical applications with both sections organized by body region key features fifty nine chapters with contributions from leading worldwide experts present trailblazing opinions and how to tutorials sixty one videos provide invaluable visual insights on how to successfully harvest donor sites transfer tissue and create a wide range of perforator flaps the latest updates including microsurgery icg angiography lymphedema surgery skin perforator flaps and keystone flaps algorithms and summary boxes offer quick access to essential information while stepwise photos provide additional guidance on challenging techniques this must have text and video

resource provides reconstructive plastic surgeons with a solid foundation of vascular anatomy knowledge techniques for particular selections and utilization of perforator flaps for all clinical situations

the first edition of perforator flaps anatomy technique clinical applications was a bestseller that sold out of its initial printing this new edition has been updated to include ten new chapters and extensive updates on all existing chapters many new developments have taken place in the field including the use of local perforator flaps including free style propeller flaps as well as the distal based sural flap which is effective for the lower extremity especially when microsurgical skills are unavailable the editors leading reconstructive surgeons and pioneers in the field of perforator flap surgery have assembled a group of world renowned experts who discuss perforator anatomy and clinical indications for the use of these flaps the book outlines techniques for flap harvest from the most basic to the highly advanced accompanying the book are four supplemental dvds that demonstrate actual operating procedures

now in its thoroughly updated third edition this classic work is the most comprehensive reference ever published on surgical flaps for reconstructing defects in the head and neck in clearly organized chapters internationally recognized surgeons describe and illustrate every clinically proven flap option available for repairing every routine and unusual defect complementing the text are hundreds of clinical photographs and diagrams of anatomy blood supply flap design and operative procedures the book is extensively indexed and organized by anatomic region and chapters follow a uniform format that clearly presents all the information needed on each flap the third edition features new chapters by the original experts who have made landmark contributions to the recent literature many chapters from the previous edition have been completely revised wherever appropriate the editors have added editorial comments to guide the reader in selection of flaps

a step by step manual for the most versatile flaps in reconstructive surgery this handbook is an introductory guide to harvesting essential workhorse flaps of the torso and upper and lower extremities chapters are grouped into separate sections based on the anatomic region of the flaps each chapter details the critical clinical information the surgeon

needs to know to effectively harvest flaps providing concise descriptions of the preparation incision and dissection techniques precise illustrations supplementing the descriptions enable surgeons to fully understand the technical maneuvers of each procedure features step by step descriptions of flap harvesting techniques thorough discussion of the relevant vascular or neurovascular anatomy for each dissection more than 200 illustrations and schematics demonstrating key concepts consistent presentation in each chapter to facilitate reference and review practical discussion of common pitfalls to prepare the surgeon for managing the full range of scenarios in the clinical setting overview of fundamental concepts including microvascular anatomy and patterns of vasculature of soft tissue flaps instrumentation and microvascular and microneural suturing techniques providing a solid foundation upon which to further develop surgical skills this book is an indispensable resource for residents in plastic and reconstructive surgery trauma surgery orthopedics and neurosurgery

volume two of this three volume work is a comprehensive reference on surgical flaps for reconstructing defects in the upper extremities chapters describe and illustrate every clinically proven flap option available for repairing every routine and unusual defect chapters follow a uniform format that presents all the information needed on each flap indications anatomy blood supply surgical techniques complications safeguards to keep in mind and advantages and disadvantages of the flap

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in reconstructive surgery anatomy technique and clinical applications drs zenn and jones pay full deference to mathes and nahai s original contribution to the field while adding their own considerable expertise to this topic the authors are assisted by a select group of internationally recognized contributors who provide expert commentary on clinical cases together these leading surgeons share their vast experience and insights on techniques for reconstructing all anatomic regions this two volume set features superb medical illustrations that depict important flap anatomy as well as the step by step surgical technique for each of the operations described highlights features a select group of expert contributors who cover a range of reconstructive options in each anatomic area presents hundreds of cases

demonstrating clinical applications provides a systematic approach to flap selection and step by step instructions for dissection uses an outline format highlighting key anatomic features contains thousands of color photos cadaver dissections radiographs and medical illustrations includes four dvds with videos demonstrating cadaver dissections for all major flaps offers clinical caveats and tips and tricks throughout each chapter follows a distinct and consistent format beginning with key anatomic landmarks and includes vascular anatomy design and markings guidelines for dissection arc of rotation flap transfer inset and closure and clinical applications each chapter concludes with clinical pearls and pitfalls along with commentary provided by a noted expert in the area like its predecessor the book is essential reading for residents and a must for any professional performing reconstructive surgery its clear organization generous use of illustrations and surgical guidance will improve surgical outcomes for a range of patients

the aims of this atlas are to introduce the clinical applications of perforator flaps in plastic surgery and skin replacement after a brief introduction of the concept and surgical rationale of perforator flaps the book presents 24 different flaps from donor sites including upper limb lower limb and the trunk it shows the surgical dissection techniques of each flap step by step from vascular anatomy flap design and elevation to harvest and transfer the book is composed of operative pictures drawings and concise interpretation written by a group of micro surgeons and hand surgeons working in the fields of orthopedic trauma hand plastic and reconstructive surgery this atlas offers a valuable reference work for medical researchers and doctors in microsurgery orthopedic surgery and plastic and reconstructive surgery

the use of perforator flaps has heralded a new era in reconstructive surgery perforator flaps are less bulky than traditional flaps and do not use muscle tissue these characteristics allow reconstructions using these flaps to achieve the best functional and aesthetic results in both the reconstruction site and the donor site this issue of clinics in plastic surgery provides guidance to help plastic surgeons incorporate perforator flap techniques in their practices editor peter neligan one of the world s leading experts in perforator flaps has assembled highly experienced authors to share their expertise with clinics readers

in the 56 articles of this volume 90 distinguished european specialists describe the major techniques to manage fractures ligament injuries congenital anomalies and other pathologies affecting the lower leg ankle and foot skin coverage limb salvage and amputations are covered variations complications clinical results and indications are discussed the surgical techniques are described step by step and illustrated by more than 650 drawings and photographs

this proceedings volume brings together some 189 peer reviewed papers presented at the international conference on information technology and computer application engineering held 27 28 august 2013 in hong kong china specific topics under consideration include control robotics and automation information technology intelligent computing and telecommunication computer science and engineering computer education and application and other related topics this book provides readers a state of the art survey of recent innovations and research worldwide in information technology and computer application engineering in so doing furthering the development and growth of these research fields strengthening international academic cooperation and communication and promoting the fruitful exchange of research ideas this volume will be of interest to professionals and academics alike serving as a broad overview of the latest advances in the dynamic field of information technology and computer application engineering

this text describes surgical procedures techniques and approaches used in major flap transfers for reconstructive head and neck surgery it presents descriptions of anatomy and anatomical variations step by step guides on preparing appropriate donor recipient sites and techniques for grafting it is a colour pictorial reference on major flap transfers for reconstructive head and neck surgery

five stars from doody s star ratings a step by step manual on the use of reconstructive surgery flaps from planning to execution written by pioneering world renowned flap surgeons this is the quintessential manual on the use of reconstructive flaps with detailed easy to follow instructions overview chapters on each major anatomical area provide a general approach to reconstruction with detailed tutorials on workhorse flaps in the a to z section the didactic text is enhanced with high quality operative photographs illustrations and videos resulting in a resource that enables

integration of these techniques into surgical practice key highlights progressive intraoperative photos and superb illustrations guide the reader through safe and efficacious flap approaches planning and decision making chapters cover basic principles microsurgery imaging and an overview of current options flaps section details the multivariate usages of microsurgical flaps pedicled flaps perforator flaps and more videos focus on the anatomy and basic principles of technique for a range of common flaps further delineating and simplifying flap surgery for the practitioner the masterclasses section is packed with state of the art innovations personal experience and insights on managing challenging reconstructions this book is a stellar step by step guide on the reconstruction of most anatomical defects using clinically proven flaps it is an essential reference for practicing and trainee surgeons in general and specialized surgical disciplines plastic and reconstructive trauma burn orthopaedic otolaryngology head and neck and maxillofacial surgeons will greatly benefit from this comprehensive resource

presenting essential topics in aesthetic and reconstructive surgery this second edition of the bestselling essentials of plastic surgery has been totally revised and updated to reflect substantial advances in this dynamic specialty coverage includes aesthetic surgery face lift neck lift fillers and breast augmentation along with reconstructive topics such as wound healing and microsurgery this edition contains the work of many new contributors as well as several new chapters including fundamentals of perforator flaps vascularized composite allografts and transplant immunology negative pressure wound therapy surgical treatment of migraine headaches face transplantation augmentation mastopexy nipple areolar reconstruction foot ulcers lymphedema distal radius fractures hand transplantation facial analysis fat grafting this second edition retains its seven part structure as well as the familiar bullet point style format and pocket size that made the first edition so successful references have been updated and significant additions have been made to graphics including tables charts and illustrations an ebook version is included with the print book

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