

Esthetic And Restorative Dentistry Material Selection And Technique Second Edition

This dynamic multi-contributor book illustrates important esthetic and restorative dental procedures as they are used in everyday clinical situations. It is designed to explain how a selected material and/or instrument can be used as part of a thorough protocol to achieve restorative excellence. With the scientific knowledge and clinical and laboratory expertise of an elite international editorial team, this book encompasses many facets of dentistry including biomaterials, dental technology, operative dentistry, prosthodontics, orthodontics, periodontics, and implant dentistry. Each chapter is divided into two parts. The first part consists of the latest evidence-based clinical concepts and biomaterials information related to the topic. The second section provides step-by-step high-quality illustration of the associated clinical procedures. The detailed photographic description of restorative and surgical procedures will ensure proper decision making and enhanced technique. Clinicians, technicians, and auxiliary staff will discover ways to make improvements in their work, maximize their productivity, and provide improved oral health to their patients.

Esthetic dentistry is an area of recognizable growth around the world and it often brings considerable challenges for the clinician. Nairn Wilson CBE - one of the world's leading dental educationalists - presents a unique volume designed to introduce practitioners to the world of esthetic dentistry with the goal of safely expanding his or her current scope of practice. Richly illustrated and in full colour throughout, this beautiful volume will guide readers through the key issues relating to modern dental esthetics and includes a discussion of dental ethics, patient psychology, treatment planning and the delivery of care, the management of recession defects, patient assessment and clinical techniques as well as an exploration of the importance of teamwork and the maintenance of dental attractiveness. Whether you are newly qualified or an experienced dental practitioner, this volume will be ideal for skill enhancement and is designed for use throughout the world. .."simple, clinically relevant and with up-to-date text providing invaluable tips on many advanced restorative procedures." Reviewed by Zenab Mushtaq on behalf of BDJ Student, July 2015

Originally published: Oxford: Mosby, 2014.

Esthetic dentistry is an area of recognizable growth around the world and it often brings considerable challenges for the clinician. Jonathan B. Levine DMD presents a new volume designed to introduce practitioners to the world of advanced smile design with the goal of safely expanding his or her current scope of aesthetic dental practice. Richly illustrated in full colour throughout, this beautiful volume guides readers through the key issues of Smile Design and includes a detailed discussion of assessment techniques including aesthetic check lists and photography, the use of smile design trial and diagnostic techniques and assessment tools. Procedures include space management, alignment procedures and the use of ceramic veneers. Throughout the book, emphasis is given to assessment of the patient and precision treatment modalities. Whether you are newly qualified or an

experienced dental practitioner, this volume will be ideal for skill enhancement and is designed for use throughout the world. This book uses an interdisciplinary approach to explain the origin of and possible solutions to many different occlusal problems. Dr. Peter E. Dawson guides the reader along the way providing balanced explanations of theory and technique. He also debunks many popular misconceptions through practical discussion of their origins and the deficiencies of the arguments behind them. Different sides of many philosophies are presented while guiding the reader to the most functional and esthetic solution to various occlusal situations. Hundreds of full-color photographs, illustrations, and diagrams show aspects of the masticatory system, the epidemiology of occlusal problems, and procedures for finding the ideal occlusion. Whether the reader is a general dentist or a specialist, they will find this book applicable to their treatment methods and philosophies. **OUTSTANDING FEATURES** Special atlas sections break down complex information accompanied by descriptive diagrams and photographs to further explain sources of occlusal disorders and related pain. Hundreds of full-color photographs and illustrations show problems and procedures. Procedure boxes offer step-by-step explanations of specific procedures. Important Considerations boxes in the Treatment chapters outline treatment plans and describe what is to be accomplished. Programmed treatment planning, a specific process that guides a clinician through every step for solving even the most complex restorative or esthetic challenge. The role of TMJs and occlusion in "everyday" dentistry. The role of occlusion in orofacial pain and TMD, and in anterior esthetics. Simplified occlusal equilibration and how to explain this process to patients. The functional matrix concept for exceptional, foolproof smile design. The five options for occlusal correction and how to apply them to practice. Use and abuse of occlusal splints. Coordinating occlusal treatment with specialists for a fully interdisciplinary approach. Specific criteria for success and how to test for each. This book presents some information regarding adhesives which have applications in industry, medicine and dentistry. The book is divided into two parts: "Adhesives Applications in Medicine and Dentistry" and "Properties of Adhesive." The aim of such a presentation is to present the usage in very different aspects of application of the adhesives and present specific properties of adhesives. Adhesives' advantageous properties and relatively uncomplicated processing methods contribute to their increasing application and their growing popularity in the industry, medicine and other branches. Some adhesives represent properties superior to those of most adhesive materials, due to their excellent adhesion and chemical resistance. A wide variety of adhesives' considerable flexibility in modification of properties of adhesives allows adjusting the composition to particular applications. Get a better picture of operative dentistry from the most complete text on the market. Using a heavily illustrated, step-by-step approach, Sturdevant's Art and Science of Operative Dentistry, 7th Edition helps you master the fundamentals and procedures of restorative and preventive dentistry and learn to make informed decisions to solve patient needs. Drawing from both theory and practice and supported by extensive clinical and laboratory research, this new full-color edition features four new chapters and updated information in the areas of color and shade matching, light curing, periodontology, digital dentistry and more. It's the practicing dentist's complete guide to all aspects of operative dentistry. Four new chapters cover the areas of color and shade matching, light curing, periodontology, and digital dentistry. Expert Consult website with five supplemental chapters and procedure

videos. Evidence-based approach is supported by extensive clinical and laboratory research. Comprehensive coverage provides a thorough understanding of caries and an authoritative approach to its treatment and prevention. Illustrated step-by-step approach offers a better picture of conservative restorative and preventive dentistry. Full color design clearly demonstrates techniques and details. NEW! Four new chapters cover the areas of color and shade matching, light curing, periodontology, and digital dentistry. NEW! Expert Consult website includes five additional online-only chapters, procedure videos, and references linked to PubMed. NEW! Updated content throughout integrates new knowledge that has emerged since publication of the previous edition. This book offers up-to-date, readily understandable guidance on the materials and equipment employed in digital restorative dentistry and on the specific clinical procedures that may be performed using the new technologies. The key components of digital restorative dentistry – image acquisition, prosthetic/restorative design, and fabrication – are fully addressed. Readers will find helpful information on scanners, the software for prosthetic design, and the materials and technologies for prosthesis fabrication, including laser sintering, 3D printing, CAD/CAM, and laser ablation. The section on clinical procedures explains all aspects of the use of digital technologies in the treatment of patients requiring removable partial dentures, complete dentures, fixed partial prostheses, crowns, endodontics, and implant surgery and prosthodontics. The field of restorative and prosthetic dentistry is undergoing rapid transition as these new technologies come to play an increasingly central role in everyday dental practice. In bridging the knowledge gap that this technological revolution has created in the field of dentistry, the book will satisfy the needs of both dentists and dental students.

Esthetic dentistry is the ultimate challenge for the restorative dentist. A restoration must not only look good, it must also function well and endure the test of time. Esthetics in Dentistry has been an important resource in the practice of general dentistry and orthodontics for more than a quarter century. This full-colour revision of the original classic contains an incredible number of advances in techniques and materials. Dr. Ronald Goldstein presents the principles, communication techniques and treatment methods for selecting patients and creating esthetic restorations. Treatments include cosmetic contouring, bleaching, bonding, etched porcelain restorations and crown restorations.

Guided by the philosophy of biomimetics, the authors combine sound biologic principles with an overriding respect for the natural intact tooth to achieve esthetic satisfaction in the restoration of the anterior dentition. A checklist of fundamental esthetic criteria is presented, and treatment planning, diagnostics, tooth preparation, laboratory procedures, adhesive luting procedures, and maintenance protocols are carefully detailed.

Covering the functional and esthetic needs of edentulous patients, Prosthodontic Treatment for Edentulous Patients: Complete Dentures and Implant-Supported Prostheses, 13th Edition helps you provide complete dentures, with and without dental implant support. It addresses both the behavioral and clinical aspects of diagnosis and treatment and covers treatment modalities including osseointegration, overdentures, implant-supported fixed prosthesis, and the current and future directions of implant prosthodontics. New to this edition are full-color photographs and coverage of immediately loaded complete dental prostheses.

From lead editor and respected educator George Zarb, *Prosthodontic Treatment for Edentulous Patients* provides an atlas of clinical procedures and emphasizes the importance of evidence-based treatment. Short, easy-to-read chapters cover the essentials of care for both short- and long-term patients, stressing the importance of evidence-based treatment. Expanded coverage of implant prosthodontics addresses the clinical protocols for implant-retained and implant-supported prosthodontic management. Specific chapters address the three surfaces of the complete denture: (1) an impression or intaglio surface, (2) a polished surface, and (3) an occlusal surface, the integration of which is crucial to creating a stable, functional, and esthetic result. Chapter on health and nutrition examines a number of systemic conditions (vesciculoerosive conditions, systemic lupus erythematosus, burning mouth syndrome, salivary dysfunction, Sjögren's syndrome, hyper/hyposalivation, diabetes) that affect the oral cavity and specifically influence the prognosis for wearing complete dentures or for accepting osseointegrated prostheses. Chapter on the time-dependent changes which occur in the oral cavity focuses on both time-related direct (ulcer/cheek biting, irritation hyperplasia, denture stomatitis, flabby ridge and pendulous maxillary tuberosities, hyperkeratosis and oral cancer, residual ridge reduction) and indirect (atrophy of masticatory muscles, nutritional status and masticatory function, control of sequelae) changes in the oral environment, and provides strategies to minimize the risk of such changes. Chapter on the techniques used to prolong the life of complete dentures focuses on the two techniques used to extend the life of dentures: relining and rebasing, also touching on denture duplication. Well-respected editors and contributors are the leaders in their field, lending credibility and experience to each topic.

Practical Procedures in Aesthetic Dentistry presents a comprehensive collection of videos demonstrating clinical techniques in aesthetic and restorative dentistry, and is accompanied by a handbook summarising the key points of each procedure. Interactive website hosting over nine hours of video Accompanying illustrated handbook summarising key points Expert teaching across a comprehensive range of aesthetic and restorative procedures International team of contributors with clinical and academic expertise

This text highlights information that practitioners need to improve their ability to observe, evaluate, treatment plan, and apply composite resin restorations. It provides a detailed presentation on the development of direct and indirect composite restorations. The text ranges from material selection, preparation designs, and adhesive protocols to the different application of restorative techniques and finishing procedures. Scientific data and detailed illustrations are intertwined to provide clarity and evidence for these procedures.

Esthetic Dentistry; Smile Design; Adhesion; Occlusion, Function, and PLVs; Color; Periodontal Considerations; Atlas of PLVs; Failures; PLVs for Diastema Closure; PLVs for Tetracycline Discoloration; Orthodontic Considerations; Periodontal Treatment and PLVs; Special Considerations; Patient Education.

Presents a differential diagnosis of various possibilities that should be considered for individual teeth, missing teeth, malocclusions or facial appearance. This volume discusses different situations as to its advantages and disadvantages, as well as its indications and limitations. It

also discusses alternatives to treatment.

Help your patients look better and improve their self-esteem with this complete, user-friendly guide to all of the latest esthetic dentistry procedures that are in high demand. Thoroughly updated by the most renowned leaders in the field, the new third edition of *Esthetic Dentistry: A Clinical Approach to Techniques and Materials* offers clearly highlighted techniques in step-by-step fashion, with unmistakable delineation of armamentarium, for the treatment of esthetic problems. Hundreds of clinical tips are included throughout the book to help alert you to potential problems, variations on techniques, and other treatment considerations. Plus, an invaluable troubleshooting guide covers the different types of esthetic problems (such as size, discoloration, and spacing issues), potential solutions, and references to chapters where the specific problem is discussed in detail. With this expert reference in hand, you will have all you need to master the latest esthetic procedures that your patients want! Troubleshooting guide at the beginning of the book features tabled information containing a quick snapshot of the problem, the solution, and where in the text it can be found. Hundreds of clinical tips throughout the book alert you to potential problems, variations on techniques, and other treatment considerations. Short narratives utilize a user-friendly format that works as a dependable reference, as well as a quick, at-a-glance guide. Part 2: Principles of Esthetics provides a detailed discussion of the fundamentals of esthetics and its relevancy to dentistry. Part 3: Esthetic Materials and Techniques assists you in selecting the correct materials for a specific clinical situation. Part 4: Esthetics and Other Clinical Applications offers an overview of how esthetics relates to other clinical specialties including, periodontics, orthodontics, implants, oral surgery, pediatrics, occlusion, laser surgery, oral photography, CAD/CAM technology, dermatological pharmaceuticals, and plastic surgery. NEW! Extensively revised content incorporates extensive updates within 95% of the chapters. NEW! Chapter on CAD/CAM technology addresses the advantages and disadvantages of CAD/CAM technology, and gives brief overviews of the most popular systems on the market. NEW! Chapter on occlusion looks at the fundamental concepts of occlusion, including: temporomandibular joints and surrounding structures; uniform tooth contacts; coupled anterior teeth; phonetics; occlusal vertical dimension; and more. NEW! Chapter on dermatological pharmaceuticals inspects the underlying processes that cause facial aging, as well as botulinum toxin, facial fillers, and combination treatment. NEW! Completely revised chapter on dental marketing addresses both external and internal marketing, the classic 4Ps concept, electronic marketing, how to build a marketing program, and more. NEW! Chapter on eating disorders reviews anorexia nervosa, bulimia nervosa, and binge eating or eating disorders not otherwise specified, along with the oral manifestations of eating disorders and considerations when approaching a patient presenting with suspected symptoms of an eating disorder. NEW! Chapter on domestic violence addresses what domestic violence is, the dental assessment, the legal issues surrounding domestic violence and the dentist, and how to best talk to the patient who might be a victim. Completely updated art program features over 1,300 full color illustrations and photographs with esthetically and clinically accurate renderings to give you a clear picture of the intended outcome in key areas such as bleaching, tooth coloring, implants, and more. Spanish version also available, ISBN: 84-8174-567-7 This title has been authored by practitioners working in the UK and is a concise textbook of restorative dentistry for the dental student. Illustrated in color throughout, the book covers the specialties of restorative dentistry - operative dentistry, endodontics, periodontics and prosthetic dentistry - in a single volume. Treatment planning section demonstrates the integration of the main constituent specialties in the treatment of patients with multiple problems. Realistic case studies illustrate useful day-to-day practice. High quality colour illustration throughout with free use of key point boxes and tables. New chapters on cariology and on immediate and complete dentures Occlusion chapter completely rewritten and simplified Expanded patient examination chapter New sections at the end of each chapter covering more

advanced techniques

Covering both popular and advanced cosmetic procedures, Contemporary Esthetic Dentistry enhances your skills in the dental treatments leading to esthetically pleasing restorations. With over 1,600 full-color illustrations, this definitive reference discusses the importance of cariology and caries management, then covers essential topics such as ultraconservative dentistry, color and shade, adhesive techniques, anterior and posterior direct composites, and finishing and polishing. Popular esthetic treatment options are described in detail, including bleaching or tooth whitening, direct and porcelain veneers, and esthetic inlays and onlays. Coverage of advanced cosmetic procedures includes implants, perioesthetics, ortho-esthetics, and pediatric esthetics, providing a solid understanding of treatments that are less common but can impact patient outcomes. Developed by Dr. George A. Freedman, a renowned leader in the field, Contemporary Esthetic Dentistry also allows you to earn Continuing Education credits as you improve your knowledge and skills. Continuing Education credits are available, allowing you to earn one to two CE credits per chapter. Detailed coverage of popular esthetic procedures includes bleaching, direct and porcelain veneers, inlays and onlays, posts and cores, porcelain-fused-to-metal restorations, zirconium crowns and bridges, and complete dentures. Coverage of advanced procedures includes implants, perioesthetics, ortho-esthetics, pediatric esthetics, and sleep-disordered breathing, providing a solid understanding of less-frequently encountered topics that impact the esthetic treatment plan and outcomes. Coverage of key esthetic dentistry topics and fundamental skills includes cariology and caries management, understanding dental materials, photography, understanding and manipulating of color and shade, adhesive techniques, anterior and posterior direct composites, and finishing and polishing. Over 1,600 full-color photos and illustrations help to clarify important concepts and techniques, and show treatments from beginning of the case to the final esthetic results. Well-known and respected lead author George A. Freedman is a recognized author, educator, and speaker, and past president of the American Academy of Cosmetic Dentistry and co-founder of the Canadian Academy for Esthetic Dentistry. Expert contributors are leading educators and practicing clinicians, including names such as Irvin Smigel (the father of esthetic dentistry), Chuck N. Maragos (the father of contemporary diagnostics), Wayne Halstrom (a pioneer in the area of dental sleep medicine), David Clark (one of the pioneers of the microscope in restorative dentistry and founder the Academy of Microscope Enhanced Dentistry), Edward Lynch (elected the most influential person in UK Dentistry in 2010 by his peers), Joseph Massad (creator, producer, director, and moderator of two of the most popular teaching videos on the subject of removable prosthodontics), Simon McDonald (founder and CEO of Triodent Ltd, an international dental manufacturing and innovations company), and many more!

This comprehensive, easy-to-follow atlas offers fundamental and alternative techniques as well as future trends. With a step-by-step approach, it provides indications, preparation, placement, laboratory fabrication, and more.

This book describes and discusses the different restorative options for managing carious lesions in children with primary and mixed dentition. The aim is to provide practitioners with thorough, up-to-date information that will improve their clinical practice. The opening chapters present a comprehensive overview regarding diagnosis of carious lesions, risk assessment, child behavior and development, and behavioral management. The importance of oral health promotion and prevention in controlling lesion progression and maintaining oral health is reviewed. The impact of various factors on clinician decision making is then explained in detail, examples including the type of dentition (primary versus permanent), the clinical and radiographic aspect of the dentine carious lesion (noncavitated or cavitated), and whether the lesion is associated with a developmental defect. Guidance is provided on selection of nonoperative versus operative interventions, and the restorative materials most frequently used in pediatric dentistry are fully described, highlighting their advantages and disadvantages. Readers

will also find an informative series of cases, with explanation of the choices in terms of materials and approach.

Presenting a comprehensive exploration of restorative dental materials, this book provides the information readers need to know to correctly use dental materials in the clinic and dental laboratory. Ranging from fundamental concepts to advanced skills, it also provides the scientific basis for technical procedures and manipulation of materials.

"Written for dental students and seasoned practitioners alike, Tooth-Colored Restoratives: Principles and Techniques Ninth Edition is comprised of a primer on dental materials and a guide to creating highly esthetic, long-lasting direct restorations. Preparation designs and simplified techniques for creating more durable, more esthetic restorations are well supported by this abundantly illustrated book featuring 400 illustrations."--BOOK JACKET.

Providing patients with a natural-looking smile is an important goal for the dental professional. However, obtaining an accurate shade match for restorations can be a difficult and frustrating experience. This book explains the basic science and art of color to help the reader better understand the mechanics involved in the shade-matching process. Moreover, it details the myriad clinical elements that can affect the perception of color. The authors also present easy-to-follow protocols for both conventional and technology-based shade matching, including tips for communicating with the lab technician and a recommended protocol that combines both approaches. Twelve case studies demonstrate this combined approach, which improves productivity and clinical success by allowing the clinician to achieve an accurate and esthetic shade match, in most cases with only one fabrication.

Accepted worldwide as one of the most important new areas in clinical dentistry, esthetic dentistry is undergoing constant expansion and advancement. Here is the first complete practitioner's guide to the field, with key techniques for improving, restoring, or rebuilding single teeth with a wide range of ceramic systems. Written by a renowned international team who has pioneered several of the techniques in use today, the book covers both basic principles and clinical and laboratory procedures, with dozens of case examples and before-and-after photographs. This book provides all the information needed to understand and implement esthetic procedures into daily practice -- plus the key observation, analysis and decision-making skills that will lead to the best results. This book distributed by Thieme for Martin Dunitz Publishers in the United States and Canada. For orders in the rest of the world, please contact directly: Martin Dunitz Ltd.The Livery House 7-9 Pratt Street London NW1 OAEUnited Kingdom Tel: +44-171-482-2202Fax: +44-171-267-0159 E-mail:info@dunitz.co.uk www.dunitz.co.uk (Distributed by Thieme for Martin Dunitz Publishers)

Preceded by Esthetic & restorative dentistry / Douglas A. Terry, Willi Geller. 2nd ed. c2013.

Ronald E. Goldstein's Esthetics in Dentistry, Third Edition provides a thoroughly updated and expanded revision to the definitive reference to all aspects of esthetic and cosmetic dentistry, from principles and treatments to specific challenges and complications. Provides a current, comprehensive examination of all aspects of esthetic and cosmetic dentistry Presents 23 new chapters from international experts in the field and complete updates to existing chapters Offers more than 3,700 high-quality photographs and illustrations Adds clinical case studies and treatment algorithms for increased clinical relevance Emphasizes clinical relevance, with all information thoroughly rooted in the scientific evidence

Materials for the Direct Restoration of Teeth focuses on the important role teeth play in our lives and how biomaterials scientists are ensuring that new dental materials are functional and esthetic. As research in the field is shifting away from traditional materials like metal, and towards more advanced materials, such as resins and ceramics, this book on the subject of modern materials for the direct repair of teeth provides

readers with a comprehensive reference. The most pertinent modern dental materials and their properties and applications for the direct restoration of teeth are presented, along with case examples and guidance notes making this book an essential companion for materials scientists and clinicians. Provides comprehensive coverage of conventional and modern materials for direct restoration of teeth Includes guidance notes and case examples to support dental clinicians in decision-making Authored by a scientist and a clinician, the book provides a balanced and complete treatise of the subject

This issue of Dental Clinics of North America focuses on The Journey to Excellence in Esthetic Dentistry and is edited by Drs. Yair Whiteman and David Wagner. Articles will include: Becoming an Expert in Minimally-Invasive Esthetic Dentistry: The Road Map; Building your Brand in Esthetic Dentistry: Developing your Style, Reputation, and Marketing; Photography: The Complete Guide and Workflow for Esthetic Dentistry; Dentist-Ceramist Communication: Building an Effective Esthetic Treatment Team; Training your Eye to Understand SHAPE--the Ultimate Determiner of Esthetic Dentistry Success; Implementing Digital Dentistry into your Esthetic Dental Practice; Review of the Latest Adhesive Materials and Techniques for Esthetic Dentistry in the Minimally-Invasive Age; Review of the Latest Restorative Materials and Techniques for Esthetic Dentistry in the Minimally-Invasive Age; Orthodontic-Restorative Multidisciplinary Cases: A Communication Guide; and more! As esthetic dentistry continues to grow in popularity, dentists are offered an opportunity to expand their practices and attract new patients. Esthetic Dentistry in Clinical Practice provides dentists with the skills to take advantage of that opportunity. Clearly outlining esthetic procedures, the book enables dentists to treat patients in an efficient and clinically sound manner, bringing esthetic dentistry to everyday practice.

Critical aspects of the art, science, education and economy of CEREC in dental and laboratory practice were discussed during the 20YC Symposium in Berlin, March 17-18, 2006, and the contributions of researcher, practitioners and dental laboratory technicians are documented in these proceedings.

Restorative dentistry is based on four basic principles: biocompatibility of materials, reduced tissue damage, longevity of restorations and esthetic considerations. The steady advance in the development of materials, coupled with improved understanding of ceramic bonding, reinforcement and light transmission, has given further emphasis to the esthetic aspects of restoration. This extensively illustrated text, prepared by a team with international experience, discusses these basic principles and presents a detailed clinical guide, for both the practitioner and the technician, to the esthetic techniques required for improving, restoring or rebuilding single teeth with various ceramic systems.

"Applies the biomimetic principle to bonded restorations using composite resins and ceramics, describing the broad spectrum of indications and detailing the treatment planning, diagnostic approach, step-by-step treatment, and maintenance for each"--
Supra-Gingival Minimally Invasive Dentistry: A Healthier Approach to Esthetic Restorations provides a real-world approach to healthier supra-gingival minimally invasive restorations, as an alternative to more invasive mechanically retained restorations, such as full crowns. Provides practical, step-by-step coverage of the key elements in diagnosis, case planning, preparation, restorations, and cementation of bonded restorations Offers excellent and simple explanations of the latest in adhesive dentistry and the proper selection of restorative materials Covers both anterior and posterior direct and indirect bonded restorations, offering

Read Book Esthetic And Restorative Dentistry Material Selection And Technique Second Edition

a better, healthier approach Presents hundreds of beautiful images showing planning, preparation, and restoration principles and treatment Features the contributions of Dr. Ray Bertolotti, Contributing Editor, and a foreword written by Gordon J. Christensen, DDS, MSD, PhD, CEO of Clinicians Report Foundation and Practical Clinical Reports

[Copyright: 0d66e3b055de4b3d99c2ca0bc1dd5abf](#)