

vascular anatomy of the face

vascular anatomy of the face is a complex and intricate system that plays a crucial role in maintaining the health and functionality of facial structures. Understanding the vascular anatomy of the face is essential for healthcare professionals, particularly those in the fields of surgery, dermatology, and cosmetic procedures. This article will explore the major blood vessels supplying the facial region, their anatomical pathways, and their significance in both health and disease. We will also discuss the implications of facial vascular anatomy in medical practice, including surgical considerations and aesthetic applications.

This comprehensive guide will unravel the details of facial vascular structures, their connections, and their functions, ultimately providing a solid foundation for anyone looking to deepen their knowledge of facial anatomy.

- Introduction
- Anatomy of Facial Blood Vessels
- Key Arteries of the Face
- Venous Drainage of the Face
- Clinical Significance of Facial Vascular Anatomy
- Conclusion

Anatomy of Facial Blood Vessels

The vascular anatomy of the face consists of a network of arteries and veins that supply blood to the skin, muscles, and deeper structures of the face. This vascular network is primarily derived from the external carotid artery, which branches off to form several key arteries that nourish the facial tissues. The understanding of these vessels is crucial for various medical and surgical practices, particularly those that involve incisions, injections, or other interventions in the facial area.

Arteries are responsible for delivering oxygen-rich blood from the heart to the facial structures, while veins return deoxygenated blood back to the heart. The facial blood supply is essential for various physiological processes, including thermoregulation, immune response, and tissue repair. The intricate relationships among these vessels also contribute to the aesthetic properties of the face, making their

understanding vital for cosmetic procedures.

Key Arteries of the Face

Several significant arteries are involved in supplying blood to the face, each with its unique pathway and area of distribution. The major arteries include:

- **External Carotid Artery:** The primary source of blood supply to the face, it branches into several key arteries.
- **Facial Artery:** A major branch of the external carotid artery that supplies blood to the lower face, including the lips, chin, and cheeks.
- **Maxillary Artery:** Supplies deep facial structures, including the maxilla, mandible, and muscles of mastication.
- **Superficial Temporal Artery:** Supplies the scalp and lateral aspect of the face, including the temples.
- **Transverse Facial Artery:** A branch of the superficial temporal artery that supplies the parotid gland and nearby structures.

External Carotid Artery

The external carotid artery originates from the common carotid artery and ascends the neck. As it ascends, it gives off several branches that supply different regions of the face and scalp. The external carotid artery plays a pivotal role in facial vascular anatomy, as it directly feeds into the facial artery, maxillary artery, and superficial temporal artery.

Facial Artery

The facial artery is one of the key branches of the external carotid artery. It follows a tortuous course across the mandible and ascends towards the angle of the mouth, providing branches to the labial regions, nasal area, and the skin of the face. It is crucial for supplying blood to the skin and muscles of facial expression.

Maxillary Artery

The maxillary artery is another important branch of the external carotid artery and is primarily responsible for supplying deep structures of the face. It extends through the infratemporal fossa and branches into several arteries that supply the maxilla, mandible, and pterygoid muscles. Understanding the course of the maxillary artery is essential for surgical procedures involving the jaws and dental implants.

Superficial Temporal Artery

The superficial temporal artery branches off from the external carotid artery, traveling superiorly to supply the scalp and lateral aspects of the face. It is often considered during cosmetic procedures, particularly those addressing the temporal region.

Venous Drainage of the Face

The venous drainage of the face is as intricate as its arterial supply. Major veins include the facial vein, maxillary vein, and superficial temporal vein. These veins collect deoxygenated blood from the face and drain into larger venous structures.

- **Facial Vein:** Accompanies the facial artery and drains blood from the face, emptying into the internal jugular vein.
- **Maxillary Vein:** Drains the deep facial structures and contributes to the formation of the retromandibular vein.
- **Superficial Temporal Vein:** Drains blood from the scalp and lateral face, also contributing to the retromandibular vein.

Facial Vein

The facial vein is a key component of facial venous drainage, paralleling the facial artery. It collects blood from various regions of the face and is notable for its connection to the cavernous sinus, raising potential risks for infection spread from facial regions to intracranial structures.

Maxillary Vein

The maxillary vein drains the deep facial structures and contributes to the retromandibular vein. It is significant in procedures involving the maxilla and jaw area, as it can be a source of hemorrhage if not properly managed during surgery.

Superficial Temporal Vein

This vein drains the scalp and lateral aspects of the face. Understanding its location is crucial during cosmetic surgeries and procedures involving the upper face and scalp.

Clinical Significance of Facial Vascular Anatomy

Knowledge of the vascular anatomy of the face is essential in various clinical scenarios, including surgical interventions, trauma management, and aesthetic procedures. Facial surgeries, such as rhytidectomy or facelift procedures, require a thorough understanding of the blood supply to avoid complications like hematoma or necrosis.

In cosmetic dermatology, injectables such as fillers and neurotoxins must be administered cautiously to avoid vascular occlusion, which can lead to serious complications including skin necrosis or vision loss. Therefore, practitioners must be acutely aware of the vascular structures to perform procedures safely.

Conclusion

Understanding the vascular anatomy of the face is critical for healthcare providers working in facial aesthetics, surgery, and emergency medicine. The intricate network of arteries and veins ensures that the facial tissues receive adequate blood supply, which is essential for both physiological functions and aesthetic considerations. As this article has outlined, knowledge of the key arteries and veins, along with their clinical implications, is vital for ensuring successful outcomes in various medical and cosmetic procedures.

Q: What is the primary artery supplying the face?

A: The primary artery supplying the face is the facial artery, which branches from the external carotid artery.

Q: Why is understanding facial vascular anatomy important in surgery?

A: Understanding facial vascular anatomy is crucial in surgery to prevent complications such as excessive bleeding, tissue necrosis, and to ensure proper healing post-surgery.

Q: How does the venous drainage of the face work?

A: Venous drainage of the face is primarily through the facial vein, maxillary vein, and superficial temporal vein, which collect deoxygenated blood and drain into larger veins like the internal jugular vein.

Q: What complications can arise from improper injection techniques in cosmetic procedures?

A: Improper injection techniques in cosmetic procedures can lead to vascular occlusion, resulting in complications such as skin necrosis, bruising, or even vision loss if the injectables enter the vascular system.

Q: What is the significance of the maxillary artery in dental procedures?

A: The maxillary artery supplies blood to the deep facial structures, including the teeth and jaw, making it significant in dental procedures for managing hemorrhage and ensuring adequate blood supply during surgery.

Q: Can facial infections spread through the vascular system?

A: Yes, facial infections can potentially spread through the vascular system, particularly through the facial vein, which has connections to the cavernous sinus, posing risks for serious complications.

Q: How do aesthetic practitioners assess vascular anatomy before procedures?

A: Aesthetic practitioners assess vascular anatomy by using anatomical maps, understanding the course of major arteries and veins, and employing techniques such as ultrasound to visualize blood vessels prior to injections.

Q: What role does the superficial temporal artery play in facial aesthetics?

A: The superficial temporal artery is involved in supplying the lateral face and scalp, making it relevant in facial aesthetic procedures, particularly those addressing the upper face and hairline.

Q: What are the implications of facial vascular anatomy in trauma cases?

A: In trauma cases, knowledge of facial vascular anatomy is critical for managing facial injuries, controlling bleeding, and planning surgical interventions to repair damaged structures.

Vascular Anatomy Of The Face

Find other PDF articles:

<https://explore.gcts.edu/anatomy-suggest-004/Book?ID=WBC25-1220&title=cardiac-ct-anatomy.pdf>

vascular anatomy of the face: Surgical Anatomy of the Face Wayne F. Larrabee, Kathleen H. Makielski, Jenifer L. Henderson, 2004 Thoroughly updated to reflect the latest refinements in operative technique, this full-color atlas provides a surgeon's-eye view of the anatomic structures and relationships encountered during all facial surgical procedures. It features more than 100 drawings by Dr. Makielski, a head and neck surgeon, and more than 100 photographs. This Second Edition's brand-new chapter on embryology emphasizes congenital anomalies such as clefts and dermoid cysts. New illustrations show the surgical anatomy of endoscopic approaches and recently developed procedures, including the SOOF lift. This edition also includes more detail on the osteocutaneous and retaining ligaments and the supporting ligaments and tendons of the orbit.

vascular anatomy of the face: Clinical Vascular Anatomy and Variations P. Lasjaunias, Alejandro Berenstein, Karel Ter Brugge, 2001-06-06 The first volume of this second edition of Surgical Neuroangiography contains the previous volumes 1 and 3 in one book. The edited and updated text provides a practical understanding of the challenges that face the modern management of vascular diseases. Additional 3-D angiographic photographs as well as new illustrations complete this classic book of vascular disease management in adults and children. The authors, Pierre Lasjaunias, Alex Berenstein, and Karel ter Brugge are highly committed to both research and teaching. This second edition is a prerequisite for anybody wishing to fully understand clinical challenges and vascular intervention.

vascular anatomy of the face: Vascular Lesions of the Orbit and Face Michael T. Yen, 2016-04-22 This book provides a concise yet comprehensive source of information on the classification, evaluation, diagnosis, and management of vascular lesions of the orbit and face. It highlights recent technological innovations and new treatments that have significantly improved the ability to accurately evaluate and successfully treat these lesions with reduced complications. Some of these advances include new imaging modalities, intravascular and intralesional treatment approaches, photodynamic therapy, and additional medical therapies. Many of these advances have led to paradigm shifts in the understanding and management of vascular lesions of the orbit and face. This book, written by experts in the fields of ophthalmology, dermatology, diagnostic and interventional radiology, and oculoplastic surgery, features structured, in-depth chapters that can

also be quickly consulted as a reference guide. It is an excellent resource for those in training as well as seasoned practitioners wishing to acquaint themselves with the newest diagnostic and treatment techniques for orbital vascular lesions.

vascular anatomy of the face: Ultrasound Protocol for Facial Aesthetics Kathryn Malherbe, Stefania Roberts, 2024-11-11 This book provides a systematic approach to facial ultrasound, using anatomical landmarks and targeting common facial muscles during aesthetic treatment. It also includes the most common clinical indications and complications found during aesthetic therapy. The various muscles have been grouped into the upper, mid and lower face and are also classified as either easy, intermediate or advanced in the level of experience a user requires to discern these muscles on ultrasound. High-frequency ultrasound in the field of radiology has progressed to other fields of medical treatment, most notably within aesthetic medicine in recent years. Facial ultrasound has been limited to the clinical assessment of varying skin conditions, as the diagnosis and treatment have been primarily based on dermatological assessment. Having said that, the recent increase in aesthetic treatment methods has led to a rising number of complications, risks, and poor outcomes. The singular use of surface anatomy and clinical presentation of a patient before fillers are used has proven to be limited in assessing the risks prior to treatment. For this reason, ultrasound of the face has allowed clinicians to develop a keen sense of vascular presence, asymmetry of muscles, and also to help determine the depth for needle-guided injections.

vascular anatomy of the face: *Facial Soft Tissue Reconstruction* Gregory H. Branham, 2011 This book is part of a seven volume series covering the full spectrum of facial plastic and reconstructive surgery - each written by a nationally recognized facial plastic surgeon detailing their own clinical techniques and practices. Each volume is generously illustrated with superb clinical and surgical photos and numerous detailed case study photos. This series will be of great value to both experienced surgeons and as a teaching tool for resident level physicians and can be purchased individually or as a set. This text is designed to guide the surgeon through the available options for soft tissue reconstruction of the face, head and neck. Facial Soft Tissue Reconstruction is a practical guide based on over twenty years of experience and can be used as a teaching tool or a quick reference to the methods of reconstruction.

vascular anatomy of the face: Stepwise Atlas of Aesthetic Medicine and Surgery Giuseppe Colombo, 2025-09-30 This Stepwise Atlas of Aesthetic Medicine and Surgery will be a valued companion to young surgeons or seasoned ones that are less aware of the latest medical and surgical aesthetic procedures. Richly illustrated with over 320 original photos, and detailed enough to serve as a study, it is yet concise for quick reference to the busiest of trainees and residents. Presenting the contents in two sections, the first more theoretical, the second more hands-on, the work covers all body regions relevant for aesthetic medicine or cosmetic surgical interventions. The chapters cover the face (as a whole, then with focus on nose, eyes, and ears) the breast, the abdomen, the adipose tissue, and include a specific part on anaesthesia and pain management, one devoted to fillers (autologous or heterologous) and botulinum, as well as one on lasers and lights, and liposuction. Each chapter includes the approach to the patient, helps in choosing the procedure to be performed, high-quality illustrations of relevant anatomy, preoperative planning and instrument preparation, step-by-step guide to the procedure at a level appropriate for junior doctors, then immediate and long-term post-operative evaluation. This practical atlas will be a useful guide to safely start performing aesthetic medicine procedures, as well as the most common surgical operations, for plastic surgeons and physicians who aim to safely build their practice as cosmetic medicine specialists.

vascular anatomy of the face: The Vascular Anatomy of the Seedling of Dioon Edule ... Reinhardt Thiessen, 1908

vascular anatomy of the face: *The Know-How of Face Transplantation* Maria Z. Siemionow, 2011-03-29 The book is laid out in 6 sections: 1. Preclinical Approaches to Face Transplantation 2. Clinical Aspects in Preparation to Face Transplantation in Humans 3. Approval Process of Face Transplantation in Humans 4. Social and Public Relations in Face Transplantation 5. World

Experience with Face Transplantation in Humans 6. Future Directions in Face Transplantation This book spans the entire process of a face transplantation, from detailing the anatomy of the face to considering the social and ethical challenges of the procedure. This rigorous presentation of face transplantation also includes the anesthesia involved, the role of Institutional Review Boards in approving the operation, the financial aspects and media response. Since the authorship is international, the book considers the different perspectives, approaches and responses from across the world.

vascular anatomy of the face: *Vascular Anatomy of the Spinal Cord* Armin K. Thron, 2016-04-07 This book systematically describes the angioarchitecture of the spinal cord. Microradiographs of superficial and intrinsic arterial supply and venous drainage patterns provide the anatomical basis needed to understand spinal vascular disorders. These post mortem studies are supplemented by clinical spinal angiographies and case studies. Rapid advances in imaging technology have facilitated the solution of many diagnostic problems concerning diseases of the spine and spinal cord. But this is less true for vascular diseases of the spinal cord or diseases secondarily involving them. Furthermore, safely using interventional procedures or open surgery still requires a profound knowledge of the vascular anatomy involved. Accordingly, a growing demand for training in this special field has become evident over the last 25 years, making improvement of this knowledge in all Neuro-Specialities dealing with diagnostic and therapeutic problems of spinal disorders a highly desirable goal.

vascular anatomy of the face: Face Transplantation Juan P. Barret, Veronica Tomasello, 2015-01-21 This book brings together all the relevant available science behind face transplants. It is comprehensive in its coverage, encompassing patient and donor evaluation, ethics, legal issues, psychological issues, types of transplant, surgical technique, issues relating to immunosuppression, follow-up protocols, and current outcomes. Facial transplantation, which allows the replacement of missing anatomy with a perfect match based on transplant medicine principles, has become the most striking innovation in plastic surgery of the twenty-first century as surgeons and scientists progress from reconstructive surgery to restorative surgery. A robust team approach is, however, necessary to produce safe and efficient outcomes, and numerous questions are arising, from technical issues to ethical dilemmas. The reader will discover in this volume all the information required in order to understand this new discipline and to be able to set up a program of facial transplantation.

vascular anatomy of the face: Gender Affirming Surgery of the Face and Neck Rahul Seth, P. Daniel Knott, 2025-04-22 This book presents an overview of Facial gender confirming surgery (FGCS) and the importance of it in the surgery and transgender communities. FGCS uniquely requires blending together surgical and artistic abilities in order to transform the face into a new identity. Given the recent emphasis of providing care to transgender patients, the area of FGCS has experienced rapid evolution and growth. This text is essential to protect patients and arm surgeons with the knowledge needed to safely perform these surgeries. This text is divided into three parts to let the reader fully digest what FGCS includes. Part 1 discusses general care of the transgender patient and provides the physician with an overview of the health and societal issues specific to this patient population. Part 2 is the main focus of the book and discusses facial gender confirming surgery and such as feminizing surgeries. Lastly, part 3 discusses voice surgery and voice therapy. Gender Affirming Surgery of the Face and Neck can be applied in multiple medical fields, including Otolaryngology- Head and Neck Surgery, Facial Plastic Surgery, Plastic Surgery, Oral and Maxillofacial Surgery, Laryngology, Speech Pathology, Oculoplastic Surgery, and Dermatology.

vascular anatomy of the face: ,

vascular anatomy of the face: Facial Plastic and Reconstructive Surgery Brian J.-F Wong, Michelle G. Arnold, Jacob O. Boeckmann, 2016-04-06 This new text helps facial plastic surgery fellows and advanced residents in otolaryngology/head and neck surgery find the answers they're looking for when preparing to take the American Board of Facial Plastic and Reconstructive Surgery exam. Covering core content relevant to the ABFPRS board exam, this guide emphasizes key facts and clinical pearls essential to exam success and includes hypothetical exam questions and relevant

surgical and clinical images. Written by leader in the field and the Director for the facial plastic surgery fellowship program at the University of California Irvine, this book discusses everything from basic techniques and evidence-based medicine, to fillers, injectables, implants and the psychological aspects of plastic surgery. Additionally, the chapter layout and organization of the Facial Plastic and Reconstructive Surgery Study Guide allows the reader to focus on just those topics relevant to the board exam, making it a must-have for anyone preparing to take the exam.

vascular anatomy of the face: *Moschella and Hurley's Dermatology* Babar K Rao,

vascular anatomy of the face: Fat Grafting to the Face for Rejuvenation, Contouring, or Regenerative Surgery, An Issue of Clinics in Plastic Surgery E-Book Lee L.Q. Pu, 2019-11-28 This issue of Clinics in Plastic Surgery, guest edited by Dr. Lee L.Q. Pu, is devoted to Fat Grafting to the Face for Rejuvenation, Contouring, or Regenerative Surgery. This issue will include an overview of current concepts and techniques of facial fat grafting, discuss personal approaches from the experts in fat grafting for facial rejuvenation, and show techniques for fat grafting for facial rejuvenation with nanofat grafts, cryopreserved fat grafts, and SVF-gel. Articles will further discuss fat grafting for facial contouring of the temporal region and midface, nose and chin, and unilateral face with SVF. Pan-facial fat injection approach to facial contouring in young Asian patients and fat grafting for the treatment of facial burns and burn scars, facial scleroderma, facial scars, and secondary facial deformity will also be discussed.

vascular anatomy of the face: *Aesthetic Dermatology* Jaishree Sharad, Maya Vedamurthy, 2018-12-31 This book is a comprehensive guide to aesthetic dermatology for clinicians and trainees. Divided into four sections, the text begins with discussion on cosmeceuticals (moisturisers, sunscreens, anti-aging products etc). The next section covers Botulinum Toxin (Botox) treatments, and section three examines soft tissue augmentation such as facial fillers and hand rejuvenation. The final chapters discuss adjunctive treatments including basic peels, thread lift, laser hair removal, microneedling and body contouring. Each procedure is described in detail, along with its advantages and disadvantages. The book is highly illustrated with nearly 600 clinical photographs, diagrams and tables, and features access to videos demonstrating cosmetic procedures. Key points Comprehensive guide to aesthetic dermatology Each procedure explained in detail with advantages and disadvantages Highly illustrated with clinical photographs, diagrams and tables Includes access to videos demonstrating cosmetic procedures

vascular anatomy of the face: *Injectable Fillers* Derek H. Jones, Arthur Swift, 2019-02-13 In the innovative field of cosmetic dermatology, the range of products and methods available to patients is expanding all the time. Prominent among these are facial fillers, which, when injected into and beneath the skin, help alleviate wrinkles and improve smoothness. However, the many fillers on offer have varying characteristics and effects, and practitioners must be properly trained in order to administer them safely and successfully. *Injectable Fillers* offers those performing these popular procedures an in-depth and far-reaching survey of current best practices, with a strong emphasis on safety. Covering everything from the science behind facial fillers to their appropriate means of application, the book places each product in context, demonstrating the pros and cons of the expanding range of hyaluronic acids and calcium hydroxylapatite microspheres, and exploring injectable submental fat reduction with sodium deoxycholate. This second edition broadens the scope of discussion to also include chin, mandible, temple, nose, brow, and forehead injections, as well as the use of cannulas as an alternative to needles.

vascular anatomy of the face: Facial Topography Joel E. Pessa, MD, Rod J. Rohrich, MD, 2014-04-18 The difference in the shapes of facial structures and their relationship to one another determines the unique and distinct appearance of each individual. This anatomic information is critical to diagnosing changes in facial topography that occur with age and in determining the best approach for augmenting and rejuvenating the aging face. *Facial Topography: Clinical Anatomy of the Face* provides a critical roadmap for navigating the underlying anatomy of the face. It is the first work of its type that uses cadaver dissections paired with detailed medical illustrations to depict the soft tissue surface landmarks of the face—shapes, contours, creases, and lines. This beautifully

illustrated semi-atlas is packed with clinical information to help improve surgical outcomes. The book places particular emphasis on describing surface landmarks to help predict the location of deeper structures. This knowledge increases the safety of any facial procedure, because the surgeon knows the course and location of blood vessels, muscles, and nerves. The book includes advice on determining the best placement of injectables to achieve a predictable and aesthetic result and to avoid complications, and also helps surgeons understand the ideal placement of fillers for facial augmentation. In addition, the basic dissections provide essential information for all residents and practitioners operating in the face. Anatomic tenets are described that can be applied to any anatomic region and key clinical points are highlighted throughout. A supplemental DVD includes video demonstrations of dissections and other clinical applications in each anatomic area of the face.

vascular anatomy of the face: Procedures in Cosmetic Dermatology Series: Surgical Lifting E-Book Hooman Khorasani, Eyal Levit, 2023-10-17 Offering a step-by-step, practical approach to increasingly requested cosmetic procedures, *Procedures in Cosmetic Dermatology: Surgical Lifting*, enables you to master the up-to-date cosmetic techniques that produce the superior results your patients expect. Edited by expert surgeons Drs. Hooman Khorasani and Eyal Levit, along with hand-selected experts in each individual area, it covers minimally invasive surgical lifting techniques that can be performed by dermatologic surgeons—all abundantly illustrated and evidence based. A substantial video library demonstrating surgical lifting techniques helps you successfully incorporate the latest procedures into your practice. - Provides complete, clear descriptions and rationales for the evaluation, management, and execution of surgical and advanced non-surgical rejuvenation of the face and neck - Covers brow and forehead lifting, upper and lower eyelid blepharoplasty, the Asian eyelid lift, facelift, modern neck lift, thread lifting, face contouring procedures, and skin resurfacing and tightening - Features high-quality images and approximately 50 procedural videos demonstrating exactly how to perform facelift, thread lift, browlift, and blepharoplasty procedures - Presents real visual aging to identify the festoon formations—one of the most difficult areas to handle in the rejuvenation of the lower eyelids and face - Includes a detailed chapter on accrediting and building a state-approved operating room and photography room, and includes information on how to reduce the risk of COVID transmission through proven air system UVC devices - Shares the knowledge and expertise of a leading cosmetic dermatological surgeon in every chapter, along with other specialists (facial plastic, plastic, oculoplastic, and oral maxillofacial surgery) who are proficient in each technique and have reviewed and added their pearls to the procedure - Any additional digital ancillary content may publish up to 6 weeks following the publication date

vascular anatomy of the face: Aesthetic Surgery of the Facial Skeleton - E-Book Stephen B Baker, Pravin K Patel, Jeffrey Weinzeig, 2021-03-10 Achieve optimal results and high patient satisfaction with *Aesthetic Surgery of the Facial Skeleton*. Encompassing the entire field of facial skeletal contouring, this one-stop resource uses a problem-based, multidisciplinary approach to skeletal contouring of the face and adjunctive procedures that enhance results. With well-illustrated, focused coverage of all recent advances in this fast-changing area, it's an ideal reference for trainee and practicing cosmetic surgeons, maxillofacial surgeons, craniofacial surgeons, plastic surgeons, otolaryngologists, and oral surgeons. - Takes a multidisciplinary, problem-based approach to aesthetic techniques for the face, highlighted by numerous clinical cases and high-quality photos. - Covers every area of the field: general principles, orthognathic surgery, alloplastic implants, genioplasty, malar and mandibular recontouring, autologous fat grafting, orbital rejuvenation, forehead and upper face, and many other related topics. - Provides expert guidance on diagnosis, treatment planning, technical aspects, alternative approaches, and treatment of complications. - Features state-of-the-art coverage of aesthetic contouring for the transgender patient and the Asian/ethnic patient, and the use of 3D imaging in facial surgery. - Includes a section on special case considerations such as facial asymmetry, post-traumatic facial restoration, face transplantation, and nonsurgical enhancement of facial shape.

keep up to date with what's going on with reddit and other stuff

YSK it's free to download the entirety of Wikipedia and it's - Reddit There used to be an under 4gb zip file of all of Wikipedia text that was used on an offline Wikipedia device called wikireader. It was able to browse and pull directly from the zip

What is the longest Wikipedia Article? : r/wikipedia - Reddit The longest Wikipedia article is List of Glagolitic manuscripts, which is 1,325,631 bytes long. The average length of a Wikipedia article is about 658 words. The English

I maintain a list of 500+ of my favourite Wikipedia articles and I maintain a personal list of what I consider to be some of the most interesting Wikipedia articles and, having recently reached 500 entries, I figured I'd share it. You can find it

LPT: You can download the ENTIRETY of Wikipedia to be - Reddit Since Wikipedia is open source, there are many ways to download the entire database listed here with instructions, including an SQL database, HTML dumps, and

I've been blocked for a year on Wikipedia for reasons - Reddit For context, I am a beginner at editing Wikipedia and having doing so for a year up until now. I have been blocked for a year for reasons that were given by an administrator after I

Is wikipedia asking for donations? Or is it a scam? - Reddit The are asking and it borders on scam. This article on it is from 2015 but its essentially the same situation. The foundation is flush with cash yet paints the picture that

Latest Wikipedia zim dump (97 GB) is available for download As a reminder, Kiwix is an offline reader: once you download your zim file (Wikipedia, StackOverflow or whatever) you can browse it without any further need for internet

Hilarious Edits Found on Wikipedia - Reddit Vandalism of the Wikipedia page of America's Got Talent star Grace VanderWaal 9 3 u/zeldafrombotwsfrog

Does Wikipedia really, genuinely need donations? - Reddit Don't donate to Wikipedia, the people that do the actual work don't get paid at all, donate to them instead, Wikipedia gets plenty of donations from corporations and such.

Red Snapper from a kayak? - Pensacola Fishing Forum First full year with my 12 ft Pescador (paddle) kayak, and hoping to bring in some Red Snapper. I have been told that there are snapper in Pensacola Bay. Would the bay or

Kayak Fishing | Pensacola Fishing Forum I am thinking about getting into kayak fishing. To me, it looks like a cheap alternative to a boat or any other mode of transportation through the inshore water of Alabama

Blackfin from a kayak? | Pensacola Fishing Forum Hi all, I'm looking to come down and explore the area. I normally fish the Chesapeake Bay from my kayak, up to 4 miles off the beach. I would really like to catch some

Native propel Mariner 12.5 review - Pensacola Fishing Forum Sorry this is so long but if your curious about the Native propel 12.5 I feel it is worth your time First off I'm not doing this review to try to sell you on the native propel or to convince

Kayak Forum - Pensacola Fishing Forum Post all your kayak related questions and comments here

Invasive Species Boat Stickers | Idaho Fish and Game Anyone who will launch a boat in Idaho waters must buy an Idaho Invasive Species Fund sticker from Idaho Parks and Recreation

Kayak upgrade - Pensacola Fishing Forum Does the raised seat upgrades on kayaks make casting easier? I started fishing from a kayak inshore last fall but casting was a little more challenging than I thought it would be

Pensacola Fishing Forum Pensacola Fishing Community and Forum Featuring Helpful Forums, Links, News, and other Resources

Anyone fish Little Lagoon in Gulf Shores? I need advice From the pass in Little lagoon, should I head East or West in Little Lagoon to find fish? Also, how far? I will be in a Kayak. Can I catch fish anytime during the day? What baits

Nucanoe Unlimited w/MotorGuide Xi3 - Pensacola Fishing Forum No more dealing with Cabela's and ascend nuance's, I finally upgraded to something I can relax a little in. After hours of research, I decided to skip pedal drive altogether and jump

Back to Home: <https://explore.gcts.edu>