#### CALCULUS BREAKING OFF TEETH

CALCULUS BREAKING OFF TEETH CAN BE A CONCERNING ISSUE FOR MANY INDIVIDUALS. THIS DENTAL PHENOMENON REFERS TO THE HARD DEPOSITS THAT CAN FORM ON TEETH, OFTEN LEADING TO THE BREAKING OFF OF FRAGMENTS DUE TO THEIR IMPACT ON TOOTH STRUCTURE. Understanding calculus, its formation, the implications of its presence, and the methods for prevention and treatment is crucial for maintaining oral health. This comprehensive article explores the nature of calculus, its effects on teeth, and effective strategies for prevention and treatment, ultimately aiming to empower readers with knowledge and actionable insights.

- Understanding Calculus and Its Formation
- THE IMPACT OF CALCULUS ON DENTAL HEALTH
- PREVENTIVE MEASURES AGAINST CALCULUS BUILDUP
- TREATMENT OPTIONS FOR CALCULUS REMOVAL
- Conclusion

### UNDERSTANDING CALCULUS AND ITS FORMATION

CALCULUS, ALSO KNOWN AS TARTAR, IS A HARDENED FORM OF DENTAL PLAQUE THAT DEVELOPS WHEN PLAQUE IS NOT REMOVED THROUGH REGULAR BRUSHING AND FLOSSING. IT IS COMPOSED OF MINERALIZED DEPOSITS THAT CAN FORM ON TEETH, TYPICALLY NEAR THE GUM LINE. THE PROCESS OF CALCULUS FORMATION BEGINS WITH THE ACCUMULATION OF SOFT PLAQUE, WHICH IS A STICKY FILM OF BACTERIA. IF THIS PLAQUE IS NOT REMOVED, IT CAN MINERALIZE AND HARDEN WITHIN 24 TO 72 HOURS.

#### THE ROLE OF SALIVA IN CALCULUS FORMATION

SALIVA PLAYS A SIGNIFICANT ROLE IN THE FORMATION OF CALCULUS. IT CONTAINS MINERALS SUCH AS CALCIUM AND PHOSPHATE, WHICH CAN CONTRIBUTE TO THE MINERALIZATION OF PLAQUE. FACTORS SUCH AS DEHYDRATION, CERTAIN MEDICATIONS, AND SALIVARY GLAND DYSFUNCTION CAN ALTER SALIVA PRODUCTION, POTENTIALLY INCREASING THE RISK OF CALCULUS FORMATION. INDIVIDUALS WITH DRY MOUTH (XEROSTOMIA) ARE PARTICULARLY SUSCEPTIBLE TO PLAQUE ACCUMULATION AND SUBSEQUENT CALCULUS FORMATION.

#### Types of Calculus

THERE ARE TWO PRIMARY TYPES OF CALCULUS: SUPRAGINGIVAL AND SUBGINGIVAL. SUPRAGINGIVAL CALCULUS FORMS ABOVE THE GUM LINE AND IS TYPICALLY VISIBLE AND EASIER TO REMOVE. IT IS OFTEN FOUND IN AREAS WHERE SALIVA IS ABUNDANT, SUCH AS THE INNER SURFACES OF THE LOWER FRONT TEETH. ON THE OTHER HAND, SUBGINGIVAL CALCULUS FORMS BELOW THE GUM LINE AND CAN BE MORE CHALLENGING TO DETECT AND REMOVE. THIS TYPE CAN LEAD TO MORE SEVERE PERIODONTAL ISSUES DUE TO ITS LOCATION AND THE INFLAMMATION IT CAN CAUSE.

### THE IMPACT OF CALCULUS ON DENTAL HEALTH

CALCULUS BUILDUP CAN LEAD TO VARIOUS DENTAL HEALTH ISSUES. ONE OF THE MOST SIGNIFICANT CONCERNS IS ITS ASSOCIATION WITH GUM DISEASE, INCLUDING GINGIVITIS AND PERIODONTITIS. THE ROUGH SURFACE OF CALCULUS CAN IRRITATE THE GUMS, LEADING TO INFLAMMATION AND BLEEDING. IF LEFT UNTREATED, IT CAN PROGRESS TO MORE SEVERE PERIODONTAL DISEASE, RESULTING IN TOOTH LOSS AND OTHER SYSTEMIC HEALTH ISSUES.

### LINK BETWEEN CALCULUS AND TOOTH DECAY

CALCULUS CAN ALSO CONTRIBUTE TO TOOTH DECAY. BACTERIA THAT THRIVE ON THE CALCULUS SURFACE CAN PRODUCE ACIDS THAT ERODE TOOTH ENAMEL, LEADING TO CAVITIES. THE PRESENCE OF CALCULUS CREATES AN ENVIRONMENT CONDUCIVE TO BACTERIAL GROWTH, MAKING IT CRITICAL TO MANAGE ITS ACCUMULATION TO PROTECT OVERALL DENTAL HEALTH.

### SYMPTOMS ASSOCIATED WITH CALCULUS BUILDUP

INDIVIDUALS WITH CALCULUS BUILDUP MAY EXPERIENCE SEVERAL SYMPTOMS, INCLUDING:

- BAD BREATH (HALITOSIS)
- RED, SWOLLEN, OR BLEEDING GUMS
- TOOTH SENSITIVITY
- VISIBLE TARTAR DEPOSITS ON TEETH
- UNPLEASANT TASTE IN THE MOUTH

RECOGNIZING THESE SYMPTOMS EARLY CAN PROMPT INDIVIDUALS TO SEEK DENTAL CARE BEFORE MORE SEVERE ISSUES ARISE.

## PREVENTIVE MEASURES AGAINST CALCULUS BUILDUP

Preventing calculus buildup is primarily achievable through diligent oral hygiene practices. Regular brushing and flossing are essential in removing plaque before it can harden into calculus. Here are some effective preventive measures:

- Brush your teeth at least twice a day using fluoride toothpaste.
- $\bullet$  Floss daily to remove plaque between teeth and along the gum line.
- Use an antibacterial mouthwash to reduce plaque-forming bacteria.
- MAINTAIN REGULAR DENTAL CHECK-UPS AND PROFESSIONAL CLEANINGS.
- LIMIT SUGARY AND ACIDIC FOODS THAT PROMOTE PLAQUE FORMATION.

IMPLEMENTING THESE PRACTICES CAN SIGNIFICANTLY REDUCE THE RISK OF CALCULUS FORMATION AND PROMOTE OVERALL ORAL HEALTH.

### TREATMENT OPTIONS FOR CALCULUS REMOVAL

Once calculus has formed, it can only be removed through professional dental cleaning. Dentists or dental hygienists utilize specialized tools to scale and remove calculus deposits from teeth. The treatment process may vary based on the extent of calculus accumulation.

### SCALING AND ROOT PLANING

Scaling and root planing is a common procedure used to treat calculus buildup, especially in cases of gum disease. Scaling involves the removal of calculus from the tooth surface, while root planing smooths the root surfaces to promote healing of the gums. This procedure may require local anesthesia, depending on the severity of the buildup and the patient's comfort.

#### REGULAR DENTAL CHECK-UPS

ATTENDING REGULAR DENTAL CHECK-UPS IS ESSENTIAL FOR MAINTAINING ORAL HEALTH AND PREVENTING CALCULUS BUILDUP.

DURING THESE VISITS, DENTAL PROFESSIONALS CAN IDENTIFY EARLY SIGNS OF PLAQUE ACCUMULATION AND PROVIDE NECESSARY INTERVENTIONS BEFORE IT HARDENS INTO CALCULUS. ROUTINE CLEANINGS EVERY SIX MONTHS ARE GENERALLY RECOMMENDED, BUT INDIVIDUALS WITH A HIGHER RISK OF CALCULUS FORMATION MAY NEED MORE FREQUENT VISITS.

### CONCLUSION

Understanding calculus breaking off teeth is vital for anyone concerned about their dental health. By recognizing the formation of calculus, its impact on teeth and gums, and the preventive measures available, individuals can take proactive steps to maintain optimal oral hygiene. Professional treatment options, such as scaling and root planing, are effective in managing existing calculus and preventing further complications. Ultimately, a combination of diligent self-care and regular dental visits will help ensure a healthy smile for years to come.

## Q: WHAT IS CALCULUS IN DENTAL TERMS?

A: CALCULUS, ALSO KNOWN AS TARTAR, IS A HARDENED FORM OF DENTAL PLAQUE THAT FORMS ON TEETH WHEN PLAQUE IS NOT REMOVED THROUGH REGULAR BRUSHING AND FLOSSING.

## Q: CAN CALCULUS CAUSE TOOTH DECAY?

A: YES, CALCULUS CAN CONTRIBUTE TO TOOTH DECAY BY PROVIDING A ROUGH SURFACE FOR BACTERIA TO THRIVE, WHICH CAN PRODUCE ACIDS THAT ERODE TOOTH ENAMEL.

## Q: HOW CAN I PREVENT CALCULUS BUILDUP?

A: YOU CAN PREVENT CALCULUS BUILDUP BY MAINTAINING GOOD ORAL HYGIENE PRACTICES, INCLUDING BRUSHING TWICE A DAY, FLOSSING DAILY, USING ANTIBACTERIAL MOUTHWASH, AND VISITING YOUR DENTIST REGULARLY FOR CLEANINGS.

## Q: WHAT ARE THE SYMPTOMS OF CALCULUS BUILDUP?

A: SYMPTOMS OF CALCULUS BUILDUP MAY INCLUDE BAD BREATH, RED OR SWOLLEN GUMS, TOOTH SENSITIVITY, VISIBLE TARTAR DEPOSITS, AND AN UNPLEASANT TASTE IN THE MOUTH.

## Q: How is calculus removed from teeth?

A: CALCULUS CAN ONLY BE REMOVED THROUGH PROFESSIONAL DENTAL CLEANING, WHERE DENTISTS OR HYGIENISTS USE SPECIAL IZED TOOLS TO SCALE AND REMOVE THE DEPOSITS FROM TEETH.

## Q: IS DENTAL SCALING PAINFUL?

A: DENTAL SCALING MAY CAUSE SOME DISCOMFORT, ESPECIALLY IF THERE IS SIGNIFICANT BUILDUP OR GUM DISEASE. LOCAL ANESTHESIA MAY BE USED TO MINIMIZE PAIN DURING THE PROCEDURE.

### Q: HOW OFTEN SHOULD I HAVE MY TEETH PROFESSIONALLY CLEANED?

A: IT IS GENERALLY RECOMMENDED TO HAVE PROFESSIONAL DENTAL CLEANINGS EVERY SIX MONTHS, BUT INDIVIDUALS WITH A HIGHER RISK OF CALCULUS BUILDUP MAY NEED MORE FREQUENT VISITS.

### Q: CAN I REMOVE CALCULUS AT HOME?

A: No, calculus can only be effectively removed by dental professionals. Home care can help prevent plaque buildup, but once calculus forms, professional intervention is necessary.

### Q: WHAT ARE THE LONG-TERM EFFECTS OF UNTREATED CALCULUS BUILDUP?

A: Untreated calculus buildup can lead to gum disease, tooth decay, tooth loss, and other systemic health issues, making it crucial to manage and treat it promptly.

## Q: ARE THERE ANY PRODUCTS SPECIFICALLY DESIGNED TO PREVENT CALCULUS?

A: YES, THERE ARE TOOTHPASTE AND MOUTHWASHES FORMULATED WITH INGREDIENTS THAT HELP REDUCE PLAQUE AND PREVENT CALCULUS FORMATION, SUCH AS FLUORIDE AND ANTIBACTERIAL AGENTS.

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Perry, Phyllis L. Beemsterboer, Gwendolyn Essex, 2015-06-15 - Updated content focuses on hot topics including the ever-increasing link between oral and systemic health, the link between physical fitness and periodontal health, caries detection, the use of lasers, collaboration with orthodontists in the use of temporary anchorage devices (TADs), dental implants, and drug therapies. - NEW content on prognosis includes information on the effectiveness of periodontal therapy, bringing together the data supporting maintenance therapy for prevention of tooth loss and attachment loss. - NEW! Clinical Considerations boxes demonstrate how theories, facts, and research relate to everyday practice. - NEW! Dental Hygiene Considerations at the end of each chapter summarize key clinical content with a bulleted list of take-away points. - Expanded student resources on the Evolve companion website include clinical case studies, practice quizzes, flashcards, and image identification exercises.

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calculus breaking off teeth: Veterinary Periodontology Brook Niemiec, 2013-01-04 Veterinary Periodontology is a comprehensive yet user-friendly reference on periodontal disease in dogs and cats, encompassing etiology, pathogenesis, and clinical features. Emphasizing clinical management of this common dental disease, this book covers basic as well as advanced treatments, offering practical instruction on therapeutic procedures. Veterinary Periodontology builds on existing human-based knowledge to provide veterinary-specific information on the periodontal disease process, therapies, patient management, and instrumentation. The book presents detailed information in an accessible format, including numerous step-by-step procedures for use in the clinic. Full-color images aid in comprehension. Veterinary Periodontology is beneficial for anyone who practices veterinary dentistry, including specialists, general practitioners, students, and technicians.

calculus breaking off teeth: Handbook of Archaeological Sciences A. Mark Pollard, Ruth Ann Armitage, Cheryl A. Makarewicz, 2023-02-09 HANDBOOK OF ARCHAEOLOGICAL SCIENCES A modern and comprehensive introduction to methods and techniques in archaeology In the newly revised Second Edition of the Handbook of Archaeological Sciences, a team of more than 100 researchers delivers a comprehensive and accessible overview of modern methods used in the archaeological sciences. The book covers all relevant approaches to obtaining and analyzing archaeological data, including dating methods, quaternary paleoenvironments, human bioarchaeology, biomolecular archaeology and archaeogenetics, resource exploitation, archaeological prospection, and assessing the decay and conservation of specimens. Overview chapters introduce readers to the relevance of each area, followed by contributions from leading experts that provide detailed technical knowledge and application examples. Readers will also find: A thorough introduction to human bioarchaeology, including hominin evolution and paleopathology The use of biomolecular analysis to characterize past environments Novel approaches to the analysis of archaeological materials that shed new light on early human lifestyles and societies In-depth explorations of the statistical and computational methods relevant to archaeology Perfect for graduate and advanced undergraduate students of archaeology, the Handbook of Archaeological Sciences will also earn a prominent place in the libraries of researchers and professionals with an interest in the geological, biological, and genetic basis of archaeological studies.

calculus breaking off teeth: Cat Owner's Home Veterinary Handbook, Fully Revised and Updated Debra M. Eldredge, DVM, Delbert G. Carlson, DVM, Liisa D. Carlson, DVM, James M. Giffin, MD, 2008-03-10 The classic bestseller--expanded and updated For years, many veterinary treatments for cats were based on research conducted with dogs because it was wrongly assumed that cats were very similar. Recently, there have been giant strides in feline veterinary research. This classic reference is fully updated and revised to reflect these advances and gives you the most

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**calculus breaking off teeth:** *The Missouri Dental Journal* Homer Judd, Christopher W. Spalding, Henry Seymour Chase, 1877

calculus breaking off teeth: The Dental Cosmos J. D. White, John Hugh McQuillen, George Jacob Ziegler, James William White, Edward Cameron Kirk, Lovick Pierce Anthony, 1872

calculus breaking off teeth: Contact Point, 1924

calculus breaking off teeth: The Auburn Veterinarian, 1945

calculus breaking off teeth: Proceedings Mildred W. Brown, 1961

calculus breaking off teeth: French's Index of Differential Diagnosis Arthur H.

Douthwaite, 2014-06-05 AFTER the appearance of the sixth edition, Herbert French had resolved to take no active part in any future production. I decided that it was not only desirable but necessary to undertake considerable reconstruction in the next edition. Although the basic principles of diagnosis must be static for all time, the considerably increased scope of investigation by accessory aids demanded the inclusion of much new material and in many instances the production of entirely re-written rather than revised articles, especially as many of the earlier contributors have died or retired. By a more logical division and allocation among new contributors, considerable overlapping or repetition evident in earlier editions has been avoided and has resulted, it is hoped, in a more compact and generally useful work. It will be noticed that the title has been altered to conform to the actual contents. By judicious pruning the index has been simplified and abbreviated whilst retaining all essential references. This has been carried out by the publishers, Messrs. John Wright & Sons, of Bristol, with an accuracy ensured from their wide experience. The highest standard of format and printing confidently expected has been maintained. For many of the illustrations I am indebted to Professor J. Whillis, who is in charge of the Department of Medical Illustration, Guy's Hospital, and to Dr. T. H. Hills, Director of the Department of Diagnostic Radiology, Guy's Hospital. In other cases acknowledgment of the source is appended to the picture. To the deletion of obsolete material and the inclusion of much that is new must be added the editorial complication of extensive cross-references when several independent contributors have to be correlated—a difficulty enhanced by the long interval that has been unavoidable between the submitting of manuscripts and publication. I have been exceptionally fortunate in having as counsellor, collaborator, and contributor Sir Adolphe Abrahams. He has spared no pains in respect of writing, proof-reading, and general advice to help me to carry on the work of my old teacher. To him I offer my warmest thanks

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calculus breaking off teeth: Departments of Labor, and Health, Education, and Welfare Appropriations for 1969 United States. Congress. House. Committee on Appropriations. Subcommittee on Departments of Labor, and Health, Education, and Welfare, and Related Agencies, 1968

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