

THE AMERICAN BOARD OF FACIAL COSMETIC SURGERY



LETTER FROM THE EXECUTIVE DIRECTOR

David G. Clark, J.D.

This issue of your ABFCS newsletter has something different than past issues. To help our Diplomates get to know each other we are publishing 11 member submitted biographical notes. You might find common interests or experiences from reading about your colleagues. We invite all of our Diplomates to submit bios for publication in future issues. Also in this issue is an article from Margaret Bengtson from the American Academy of Cosmetic Surgery describing how to create an AACS approved fellowship program. We need more fellowships as a pathway to membership in the ABFCS to grow our board.

Dr. Ryan Diepenbrock reports in this issue on the latest AACS review course that he attended and provides a detailed description of what this annual exercise is all about. The course is available to candidates seeking to challenge either the ABCS or ABFCS certification examinations.

Pass this information on to the colleagues you are encouraging to become board certified in cosmetic surgery. Dr. Marshall Green has submitted information about "DocMatter;" an online resource that members can soon use to connect with one another for professional guidance and advice.

Dr. Talon Maningas and Dr. Tanuj Nakra are acting as "program managers" for the newly launched ABFCS social media campaign. This issue includes a note describing and providing links to our Facebook and Instagram accounts and suggestions on "tagging" and "cross-linking" posts between these pages and your own practice's social media accounts. Tagging and cross-linking puts more "eyes" on your practice and the ABFCS and also influences how prominently you and the ABFCS appear in search engines like Google.

Finally, our current board president, Dr. Carey Nease, has submitted an article describing an interesting complication that occurred during a facial cosmetic procedure. We invite any of our Diplomates to submit articles or notes that they can share with our members concerning procedures or complications that they have experienced.



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STIMULATION OF THE OCULOCARDIAC REFLEX

President, Carey Nease, MD and Justin Gusching, DO

Background

The oculocardiac reflex is a decrease in pulse rate associated with traction applied to the extraocular muscles or compression of the globe. The current case describes a patient undergoing multiple cosmetic procedures who experienced significant sinus bradycardia. The patient had no personal or family history of cardiac issues. Her preoperative electrocardiogram showed normal sinus rhythm, and all electrolytes were within normal limits. After completion of the procedures and prior to being extubated, the patient's heart rate decreased gradually over approximately 30 seconds from 70 to 20 beats per minute. This decrease occurred while tape was being removed from the hairline. The manipulation of the hair may have caused traction on the brow and upper eyelid skin, thereby causing traction on the extraocular muscles. The patient's heart rate normalized after cessation of manipulation of the hair and with intravenous administration of atropine.



Case Summary

A 54-year-old, generally healthy white female underwent a bilateral temporal brow lift, lower face rhytidectomy, and mastopexy. A smooth general anesthetic induction was performed with sevoflurane, Versed, and propofol. The axilla and inferior pole of the breast were infused with 475cm³ of tumescent fluid consisting of 250 mg 1% lidocaine and 0.8 mg epinephrine per 1L of normal saline. The axillary liposuction and mastopexy were then performed with no complications. Next, the face was addressed. The posterior auricular flaps, submental region, and facial flaps were injected with a mixture of 120cc of normal saline, 60cc of 1% lidocaine with 1:100,000 epinephrine, and 5 mEq/L of sodium bicarbonate. The lower face rhytidectomy procedure followed in the usual manner with no complications.

Scalp incisions were then made in the temporal region bilaterally, sparing the midline, and approximately 3 cm posterior to the hairline. The periosteum was elevated in the medial portion of the forehead down to the orbital rim. The portion over the temporalis muscle was elevated down to the orbital rim and released. The skin was then advanced superiorly, the excess skin was excised, and the incision was closed with staples. For this bilateral procedure, the steps were repeated on the contralateral side.

STIMULATION OF THE OCULOCARDIAC REFLEX

President, Carey Nease, MD and Justin Gusching, DO

During the entire procedure up to that point, the patient's systolic blood pressure ranged from 90-110 mmHg, and the diastolic blood pressure ranged from 46-60 mmHg. Oxygen saturation was 99%. Once the surgery was complete, the certified registered nurse anesthetist (CRNA) began to wake the patient. While removing the tape dressing that was holding the patient's hair away from the temporal incision, the patient's heart rate dropped from 70 beats per minute to 20 beats per minute over approximately 30 seconds. Her blood pressure remained stable at 110/55 mmHg, and her oxygen saturation remained at 99%. The CRNA informed the surgeon of the reduced heart rate, and removal of the tape dressing with the subsequent pulling on the hair was halted. The patient was given two IV doses of 0.4 mg of atropine and a one-time dose of 1.0 mg epinephrine, and the bradycardia resolved after approximately 60 seconds. The cardiac rhythm was sinus throughout the episode. The patient was then awakened in stable condition, taken to the post-anesthetic care unit and then discharged home in the routine manner.

Discussion

The oculocardiac reflex is a well-documented phenomenon that occurs when sensory terminals of the trigeminal nerve send signals, due to extraocular muscles stretch or increased intraocular pressures, from the ciliary ganglions of the ophthalmic branch (V1) of the trigeminal nerve to the visceral motor nucleus within the reticular formation, which activates the efferent pathway involving the vagus nerve.¹⁻⁴ Stimulation of the vagus nerve in turn leads to bradycardia, reduced cardiac conduction, bigeminy, ectopic beats, nodal rhythm, atrioventricular block, or decreased cardiac contractility. To our knowledge, this response has not been previously documented in the literature. In cases such as this, prompt recognition and management with vagolytic agents should prevent morbidity and mortality.

NOTE FROM DR. MARSHALL GREEN

"The Committee on Membership for the American Board of Facial Cosmetic Surgery is always looking for ways to grow our community of highly trained providers. One area we have investigated is the creation of an interactive online community where our members can post interesting cases and ask other members questions on challenging cases. After some exploration we have partnered with DocMatter to create this new community. We encourage you to join us in growing the size and relevance of our Facial Cosmetic Surgery community."

www.docmatter.com

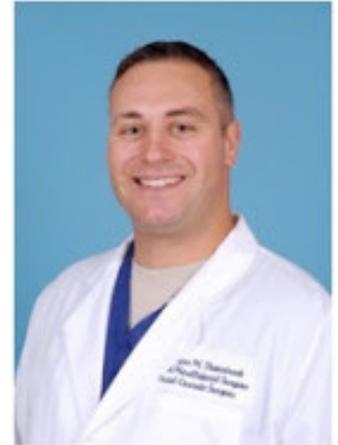


J. Marshall Green III, DDS

AACS REVIEW COURSE

Dr. Ryan Diepenbrock, DDS, FAACS

Once again, Chicago, IL played host to the annual American Academy of Cosmetic Surgery (AACS) Board Review course. Drawing in surgeons from diverse disciplines from around the globe, nineteen attendees spent two grueling days reviewing key tenants of cosmetic surgery prior to challenging the American Board of Facial Cosmetic Surgery and American Board of Cosmetic Surgery exam in October. The attendees were as diverse as the topics. Three continents and 7 surgical specialties were represented. Five attendees made the track from Australia representing the Australasian College of Cosmetic Surgery.



For the fifteenth consecutive year, Dr. Tony Mangubat chaired an intense and demanding course. Additional faculty included Drs. Marc Cohen, Carolyn Jacobs, Jan Zempenyi, Ryan Diepenbrock, and Charles Darling. The multidisciplinary faculty represented the core specialties of oculoplastic surgery, general surgery, dermatology, oral and maxillofacial surgery, otolaryngology, and anesthesia.

The premise of the AACS Review course is to review key concepts of body and facial cosmetic surgery, to provide a comprehensive review of surgical procedures and provide pearls of wisdom to facilitate success on the exam. Topics ranged from abdominoplasties to blepharoplasties, face lifts to breast lifts, hair restoration to liposuction, and all topics in between. Although the majority of the attendees were preparing for boards, a handful are also attending simply to review contemporary techniques and expand their knowledge base.

The majority of the course is presented in lecture format covering broad concepts of cosmetic surgery, but the most valuable aspect of the course is the mock board exam. The mock exam challenges the candidates to utilize his or her core knowledge to access, diagnosis, treatment plan, describe the surgery, and manage intra and post-operative complications. The mock board section is often stressful to the applicant, but essential to get the surgeon ready to coherently verbalize his or her thoughts in an organized fashion.

As the ABFCS continues to grow and the AACS adds additional fellowships, this course will continue to be the "go-to" review course for ABFCS and AACS board. The multidisciplinary faculty is a conglomeration of what makes the AACS the premier cosmetic organization in the world. Drawing from the experience of its core specialties, the AACS offers truly the premier cosmetic review course in the world.

Five Things to Know About Facial Cosmetic Surgery Fellowship Training *AACS*

One pathway to challenge the ABFCS exam is to complete a fellowship in facial cosmetic surgery, certified by the American Academy of Cosmetic Surgery.

Below are five things you should know about AACS-certified Facial Cosmetic Surgery Fellowships:

- 1.** There are five Facial Cosmetic Surgery Fellowships currently certified by AACS in the U.S., two in the southeast; three in the southwest.
- 2.** While the program requirement requires the training fellow to have a minimum of 125 procedures, the average training fellow performs over 300 procedures.
- 3.** Training fellow applicants come from the following specialties, Dermatology; Ophthalmology; General Surgery; Otolaryngology; Plastic and Reconstructive Surgery; Oral and Maxillofacial Surgery.
- 4.** The average training fellow stipend is \$40,000.
- 5.** The training fellow must perform clinical or basic research and submit at least one clinical or basic research paper reflecting their findings to a peer-reviewed cosmetic surgery journal.

Interested in learning more about the AACS certified Facial Cosmetic Surgery Fellowship?

Visit the [AACS website](#) or contact Margaret Bengtson, AACS Account Manager, at mbengtson@thesentergroup.com.

Mo Banki, MD, DMD- Chairperson,
AACS Facial Cosmetic Surgery Fellowship Committee

DR. MANINGAS

LET'S GET SOCIAL!

The American Board of Facial Cosmetic Surgery is excited to launch their social media presence on Instagram and Facebook. We are currently in the developing content and participation is welcome as we are looking for patient before and after images (permitted to use on such channels), blog posts, patient reviews or educational content.

Patients researching cosmetic surgery find these forums very helpful and we want them to come to the ABFCS for their questions. Additionally, we will be reposting or sharing posts from your respective social media pages to help promote you and drive home that the ABFCS has qualified, trusted, experienced surgeons from all over the country as members. In addition to content generated by our members, we will also have original content like reviews from your practice, cosmetic surgery facts and figures, meet our members highlights and other posts that will be created and posted. We will begin our efforts with 2-3 posts per week on each platform and engagement will be solicited.

With your help, our goal is to produce a well-rounded social media presence that highlights our exceptional surgeons, doctors and their practices, provides education to those seeking it and brings awareness to the board and its mission.

Below are the links for the ABFCS Facebook and Instagram accounts. If you haven't already liked or followed them, we'd love for you to join us! If you have already done so, thank you and we appreciate your support!

Instagram: <https://www.instagram.com/facialcosmeticsurgery/>

Facebook: <https://www.facebook.com/American-Board-of-Facial-Cosmetic-Surgery-1103544373129750/>

INTRODUCING OUR DIPLOMATES

ASH DUTTA, MD



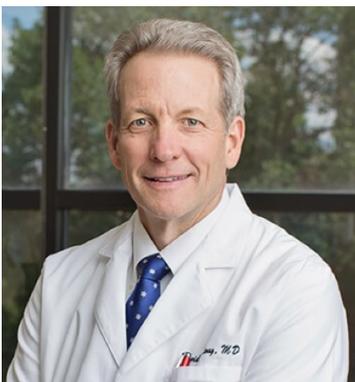
Dr. Dutta qualified as a doctor in 1986 and has been practicing Cosmetic Surgery since 2000. He is a board certified in general Cosmetic Surgery through the World Academy of Cosmetic Surgery (WAOCS) and also by the American Board of Facial Cosmetic Surgery (ABFCS). Dr. Dutta is also a diplomate of the American Board of Hair Restoration Surgery (ABHRS) and an examiner for the board.

CRAIG CZYZ, DO



Dr. Czyz serves as core faculty for the Ohio University / Doctors Hospital Ophthalmology Residency program. He has published over 50 peer-reviewed journal articles and 40 text book chapters. His research focuses on functional and cosmetic oculofacial plastic surgery and emergent care delivery. He is currently a member of the ACGME Ophthalmology Review Committee and serves on the Board of Trustees for the ABFCS. Dr. Czyz is also an oral examiner for the AOCOO-HNS and faculty for the Ophthalmic Surgeons and Consultants ASOPRS Fellowship program.

DAVID R. BROADWAY, MD, FACS



Dr. David Broadway has been practicing cosmetic surgery in Colorado for over 20 years and is certified by five separate medical boards related to the practice of plastic surgery (the American Board of Plastic Surgery, the American Board of Facial Plastic and Reconstructive Surgery, the American Board of Otolaryngology, the American Board of Facial Cosmetic Surgery and the American Board of Cosmetic Surgery). Dr. Broadway is one of the most recognized and trusted plastic surgeons in the state of Colorado among patients and colleagues.

INTRODUCING OUR DIPLOMATES



DAYNE R. JENSEN, MD, DMD

Dayne R. Jensen, M.D., D.M.D. was born and raised in Utah. As a scholar athlete, he received his Bachelors of Science Degree from Weber State University in Ogden, Utah, while playing football. Dr. Jensen's passion is medical mission work. He currently serves as the surgical director for "Ghana make a difference" a non-profit organization.

ERIK NUVEEN, MD



Dr. Nuveen completed residency in Oral and Maxillofacial Surgery in 1999 at MetroHealth Medical Center. He obtained his medical degree from Case Western Reserve University. He completed general surgery residency and fellowship in Facial and General Cosmetic Surgery under the direction of Dr. Brent Kennedy and Dr. Lane Smith in Salt Lake City in 2003. During the next 15 years of exclusively cosmetic surgery practice, Dr. Nuveen has completed more than 16,000 major surgery procedures and trained 8 surgical fellows, hundreds of physicians from throughout the world and 4 research interns.

KEVIN KALWERISKY, MD, FACS, FAACS



Born in Johannesburg and raised both in South Africa and the United States, Dr. Kalwerisky is a dedicated cosmetic facial surgeon who takes pride in achieving natural and long-lasting cosmetic facial rejuvenation results. A dedicated professional, Dr. Kalwerisky is board certified by the American Board of Ophthalmology and the American Board of Facial Cosmetic Surgery, is a Diplomat of the American Society of Ophthalmic & Plastic Reconstructive Surgery and a Fellow of the American College of Surgeons.

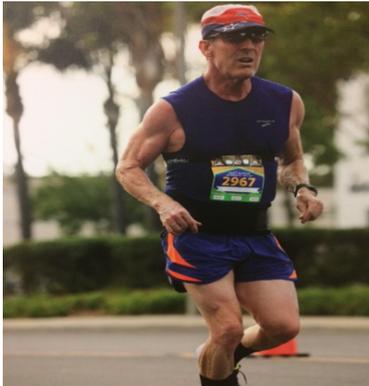
INTRODUCING OUR DIPLOMATES



PATRICK M. FLAHARTY, MD, FAACS

Dr. Flaharty is a Board Certified Ophthalmologist who has completed Fellowships in Oculo-Facial Plastic Surgery and Facial Cosmetic Surgery, making him uniquely trained and highly-specialized in procedures of the face, neck and delicate tissues of the eyes. Dr. Flaharty is a passionate cosmetic surgeon, he loves the myriad of positive physical and emotional effects that can result from even the smallest changes.

ROBERT ALAN SHUMWAY, MD, FACS, FAACS



Director & Chief of SHUMWAY COSMETIC SURGERY- Scripps/UCSD La Jolla, California. Practice Limited to Cosmetic Surgery - Specializing Exclusively & Solely in Cosmetic Surgery & Medicine. President American Academy of Cosmetic Surgery (AACS) 2016-17. Fellowship Trained & Double Board Certified (ABFPRS & ABOto). Diplomate to six (6) medical boards (ABFPRS, ABOto, ABCS, ABFCS, ABLs, BHRT-WorldLink).

ROBERT J. TROELL, MD, FACS

Dr. Robert J Troell, MD, FACS became a fellow of the American Board of Facial Cosmetic Surgery during the initial acceptance process. He currently performs all aspects of facial cosmetic surgery, teaches colleagues at surgical & nonsurgical conferences, and carries out clinical research. Dr. Troell has presented over 200 domestic and international presentations, 18 book chapters and over thirty peer-reviewed scientific manuscripts.



INTRODUCING OUR DIPLOMATES

TALON MANINGAS, MD



Dr. Maningas is a native of Joplin who attended Missouri Southern State University prior to transferring to Oklahoma State University where he obtained his Bachelors of Science degree graduating with Presidential Honors in 2006. Before returning to Joplin, Dr. Maningas completed an additional year of advanced surgical fellowship training through the American Academy of Cosmetic Surgery with nationally renowned cosmetic and facial plastic surgeons Drs. Chad Deal and Carey Nease at Southern Surgical Arts in Chattanooga, TN where he participated in over 1,200 cosmetic surgical procedures.

UPCOMING EVENTS

12th International Symposium of Facial Plastic Surgery

October 15 - 18, 2018

Dallas, TX

www.aafprs.org

ABFCS Examination *application due April 1*

October 20 - 21, 2018

Dallas, TX

www.ambrdfcs.com

AACS Annual Exam

January 31 - February 2, 2019

Orlando, FL

www.ambrdfcs.com

Please contact us for any events or meetings
you would like us to post in future newsletters!