

ACP MESSENGER

A close-up photograph of a woman with curly brown hair smiling warmly at the camera. She is wearing a white cable-knit scarf and a red and white striped knit mittens. A small, brown and tan puppy is resting its head on her shoulder, looking towards the camera. The background is blurred greenery, suggesting an outdoor setting.

Winter 2015

A case to celebrate
Evaluating new technology
Shaping the future

ACP
AMERICAN COLLEGE OF
PROSTHODONTISTS

Your smile.
Our specialty.®

INTRODUCING

Variolink® Esthetic

The esthetic adhesive cement

"Esthetic Cementation made Simple!"

*The adhesive cement for exceptional
esthetics and user-friendly application...*

- Exceptional handling and easy clean-up
- Amine-free for long-term shade stability
- Reliable bond strength results with a universal, easy to use bonding system



Try Variolink Esthetic today for **FREE!**
Visit www.ivoclarvivadent.us/variolink

100% CUSTOMER SATISFACTION
GUARANTEED!



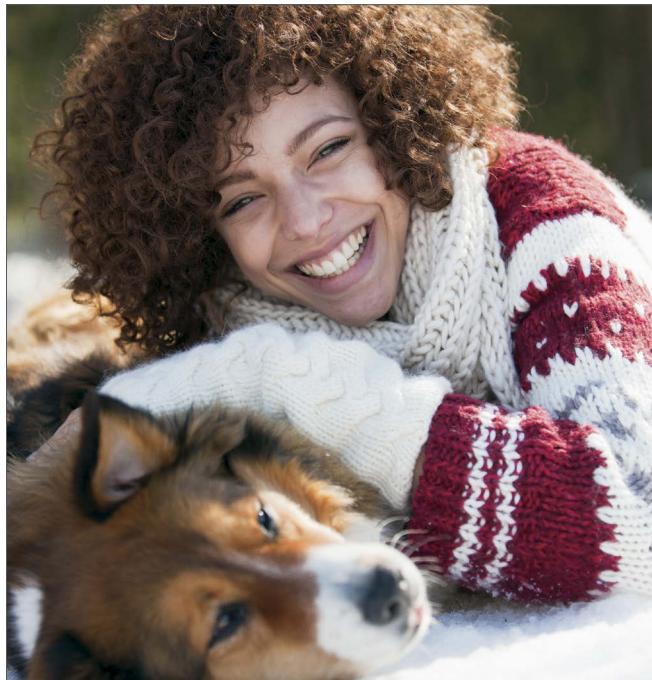
ivoclarvivadent.com

Call us toll free at 1-800-533-6825 in the U.S., 1-800-263-8182 in Canada.
© 2014 Ivoclar Vivadent, Inc. Ivoclar Vivadent and Variolink are registered trademarks of Ivoclar Vivadent, Inc.

ivoclar
vivadent®
passion vision innovation

On the Cover

Winter 2015 Volume 46 Issue 1



Meet Jasper. When he was a puppy, we did everything together – runs, bikes, and especially sledding. Somewhere along the way, my energy started to drop off, and I couldn't understand why. I was eating well and exercising, shouldn't I be fine? It was my prosthodontist who showed me how oral health affects overall health, and I realized that if I wanted to keep up with Jasper, I needed to take the same care with my teeth as I do the rest of my body. Now I'm feeling great, and we're headed for the slopes!

In Every Issue

- 6 From the Editor
The virtual world and the realities of dentistry
- 8 Case Presentation
A case to celebrate
- 12 In the Office
Evaluating new technology
- 14 At the Chair
Cost of entering private practice
- 28 Our Community
- 32 Announcements
- 33 Classified Ads

Featured

- 16 From the ACP Leadership
Shaping the future
- 18 Leading the Industry
NobelProcera® Hybrid
- 20 Positioning the Specialty
Resident indebtedness
- 22 Annual Session Wrap-Up

Editor-in-Chief

Mathew T. Kattadiyil, DDS, MDS, MS, FACP

Associate EditorsCarl F. Driscoll, DMD, FACP
Susan E. Brackett, DDS, MS, FACP**Editor Emeritus**

Lyndon F. Cooper, DDS, PhD, FACP

ACP Board of Directors

Frank J. Tuminelli, DMD, FACP, President
Carl F. Driscoll, DMD, FACP, President-Elect
Susan E. Brackett, DDS, MS, FACP, Vice President
Carol A. Lefebvre, DDS, MS, FACP, Secretary
Julie A. Holloway, DDS, MS, FACP, Treasurer
John R. Agar, DDS, MA, FACP, Immediate Past President
Lars Bouma, DDS, MS, FACP, Regional Membership Director - Central
Lino P. Calvani, DDS, MSC, FACP, Regional Membership Director - International
Alan B. Carr, DMD, MS, FACP, Director, Education & Research
Nancy Deal Chandler, RHIA, CAE, CFRE, Executive Director
Betsy K. Davis, DMD, MS, Director, Maxillofacial Prosthetics
David A. Felton, DDS, MSD, FACP, Editor-in-Chief, *Journal of Prosthodontics*
Lily T. Garcia, DDS, MS, FACP, Chair, ACP Education Foundation
Gerald T. Grant, DMD, MS, FACP, Regional Membership Director - Federal Services
David L. Guichet, DDS, FACP, Director, Continuing & Professional Education
Stephen I. Hudis, DDS, FACP, Regional Membership Director - Northeast
Mark C. Hutton, DDS, MS, FACP, Director, Forum
Paul E. Scruggs, DDS, PA, Regional Membership Director - Eastern
Robert E. Stover, DDS, MS, FACP, Regional Membership Director - Pacific
Victoria A. Vickers, DDS, Director, Public Relations & Communications Division
Stephen A. Wagner, DDS, FACP, Director, Prosthodontic Practice & Patient Care Division
Alvin G. Wee, DDS, MS, MPH, PhD, Regional Membership Director - Rockies/Plains

ACP Central Office Staff

Nancy Deal Chandler, RHIA, CAE, CFRE, Executive Director
Mark Heiden, Associate Executive Director, Communications & Marketing
Melissa Kabadian, MA, CMP, Associate Executive Director, Education & Development
Carolyn Barth, Director, Public & Media Relations
Alethea Gerding, MA, Managing Editor, *Journal of Prosthodontics*
Jack Kanich, Finance and Administration Manager
Justinn McDaniel, Membership Services Manager
Adam Reshan, Director, Membership Services
Lauren Swanson, Communications & Marketing Coordinator
Nathalie Williams, Director, Sections & Governance

Managing Editor

Mark Heiden

Editorial Coordinator

Lauren Swanson

Design

Publications Associates, Inc.

Display Advertising

Lisa Trinkle, M.J. Mrvica Associates, Inc.
Phone: (856) 768-9360
Email: ltrinkle@mrvica.com

Classified Advertising

Visit the 'Members and Dental Professionals' section at Prosthodontics.org to download an insertion form. Email or fax the completed form to Lauren Swanson at lsawanson@prosthodontics.org or (312) 573-1257. Classified ads are \$100 for the first 50 words and \$1 for each additional word for ACP members. The non-member rate is \$200 for the first 50 words and \$2 for each additional word. The minimum charge is \$100. Logos are an additional \$50, limited to one per ad and subject to approval. Payment by check, American Express, Visa, or Mastercard is required prior to placement.

The mission of the ACP Messenger is to inform readers about current prosthodontic trends, challenges, and successes. Statements of fact and opinion are the responsibility of the authors alone and do not imply an opinion on the part of the officers or the members of the ACP.

The ACP Messenger annual subscription rate for members is \$45, which is included in membership dues. The U.S. subscription rate for Prosthodontic Forum Organization members is \$55 and \$65 for non-members. Canadian subscribers add \$5 each year; all other non-U.S. subscribers add \$10 each year.

The ACP Messenger (ISSN # 0736-346X) is published four times per year in the winter, spring, summer, and fall by the American College of Prosthodontists:

211 E. Chicago Ave., Suite 1000, Chicago, IL 60611
Phone: (312) 573-1260; Fax: (312) 573-1257
Email: acp@prosthodontics.org
Website: Prosthodontics.org

© Copyright 2015 American College of Prosthodontists. All rights reserved. Materials may not be reproduced or translated without written permission. Contact the ACP for reprint permission.

Postmaster: Send address changes to the ACP Central Office at 211 East Chicago Avenue, Suite 1000, Chicago, IL 60611 or acp@prosthodontics.org.



Dr. Robert Berg is an Assistant Clinical Professor at New York University College of Dentistry and is on the medical staff at New York Presbyterian Weill Cornell Medical Center department of surgery. He resides and maintains a full-time private practice limited to prosthodontics in New York, NY.

► Page 20



Dr. Julie Holloway currently Treasurer of the ACP and Head of the Department of Prosthodontics at the University of Iowa.

► Page 8



Dr. Carl Pogoncheff

received his DDS and MS in Prosthodontics from the University of Michigan. He has a private practice in Lansing, MI and serves as an adjunct clinical assistant professor at the University of Michigan School of Dentistry.

► Page 14



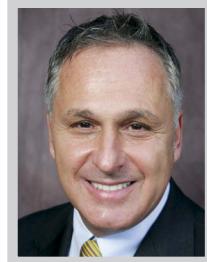
Dr. Brody Hildebrand practices both orthodontics and prosthodontics in Dallas at Preston Hollow Specialists Dental Group and serves as an Assistant Clinical Professor in the Graduate Prosthodontics Residency program at Baylor College of Dentistry.

► Page 12



Dr. Mathew Kattadiyil is Professor of Restorative Dentistry and Director of the Advanced Specialty Education Program in Prosthodontics at Loma Linda University School of Dentistry, and Editor-in-Chief of the *ACP Messenger*.

► Page 6



Dr. Frank Tuminelli

is President of the ACP and Program Director at New York Hospital Queens Department of Graduate Prosthodontics.

► Page 16

Harness the Power of Digital Dentistry

The field of dentistry
is on the brink
of a digital awakening.

Go forth and restore.

Feb. 23-24, 2015
Chicago



3D diagnosis and design

Clinical workflows and treatment strategies

Complex reconstruction and rehabilitation

During the Mid-Winter Meeting
of the Chicago Dental Society



10.5 Continuing Education Credits

Register at
Prosthodontics.org

ACP | AMERICAN COLLEGE OF
PROSTHODONTISTS
Your smile. Our specialty.[®]

The virtual world and the realities of dentistry

The digital awakening has led to incredible innovations in dentistry and dental education, as well as prosthodontics in particular.

Whether by fabricating CAD/CAM restorations, designing and creating surgical templates that improve precision with implant placement, or fabricating milled dentures, our specialty is exploring terrain whose horizon appears to extend infinitely.

But the pace of innovation poses an interesting question for education. Tools acquired through education may have limited utility within a few years, due to the rapid speed by which technology is advancing. Educators strive to make informed decisions when exposing students to the “latest and greatest” innovations, collaborating with industry to subsidize costs and reduce the financial burden involved for students.

However, more and more students are graduating with significant debt accrued through pre-doctoral and graduate education. In this issue, Dr. Robert Berg presents the findings of the ACP Task Force on Resident Indebtedness, which shows that new graduates are entering the specialty with considerable financial challenges. Elsewhere, Dr. Carl Pogoncheff relates his experience as a new prosthodontist, describing what was involved in beginning a practice – from the office, technology, and referrals – from the ground up.

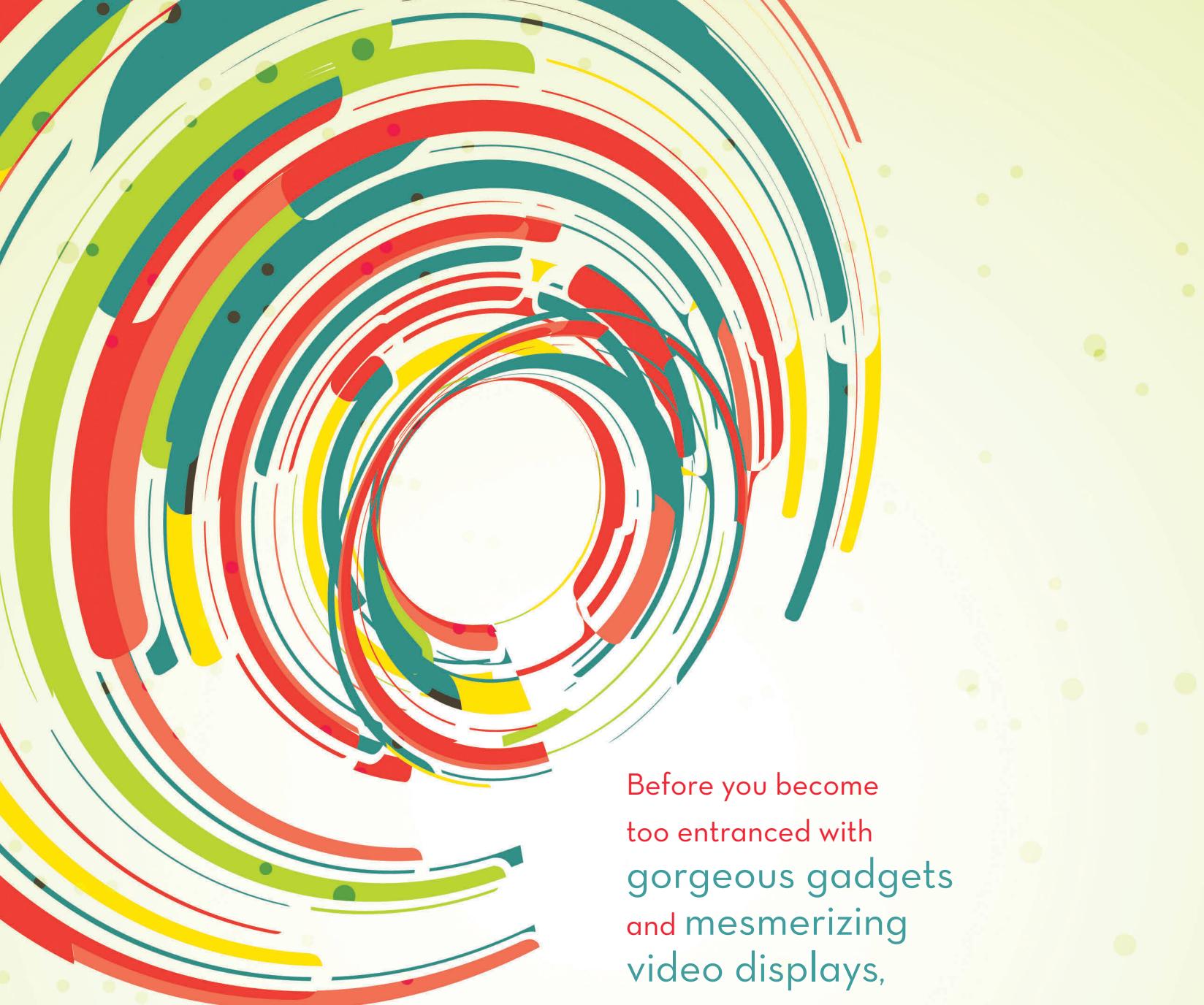
Mathew T. Kattadiyil,
DDS, MDS, MS, FACP
ACP Messenger Editor-in-Chief

Today, young prosthodontists are faced with many difficult decisions to make as they enter private practice. The cost of investing in technology has become an important factor to be considered along with other expenses.

In his article, Dr. Brody Hildebrand looks at the plethora of factors to consider and the long-term ramifications of each course of action. An expensive investment that gets outdated rapidly can have adverse outcomes for a fledgling practice.

Young prosthodontists are capable of truly wonderful things, as we see in the patient presentation submitted by Dr. Julie Holloway – showing the generous care provided by University of Iowa residents for patients in need during National Prosthodontics Awareness Week.

This issue of the *ACP Messenger* scratches the surface of this financial dilemma and attempts to offer insight into how debt and difficult choices affect prosthodontists at the start of their careers – and by extension, their patients. Through meeting these challenges head-on and making informed decisions today, we can bring about better worlds – real and virtual – tomorrow. ■



Before you become
too entranced with
gorgeous gadgets
and mesmerizing
video displays,
let me remind you
that **information**
is not knowledge,
knowledge
is not wisdom,
and **wisdom**
is not foresight.
Each grows out of the other,
and **we need them all.**

- ARTHUR C. CLARKE

A case to celebrate

Julie A. Holloway,
DDS, MS, FACP

Since its inception in 2010, National Prosthodontics Awareness Week (NPAW) has provided a forum to raise public awareness about the importance of oral health to the overall health of our patients.

Each year, the University of Iowa, like many other schools, takes a two-pronged approach to celebrating NPAW with our patients, students, faculty, and staff.

To share the importance of prosthodontic care with students, faculty, and staff, a pizza lunch is hosted where faculty give presentations about the complex patient needs and treatment management that prosthodontists are uniquely trained to address. At the University of Iowa, past presenters such as Drs. Clark Stanford, Richard Williamson, and Steven Aquilino have shown treatments of their own inspiring patient outcomes for congenital and acquired defects of the face and oral cavity. The magnitude of these patients' needs and the collaborative efforts between specialties and professions involved in rehabilitating them are often eye-opening for dental students and staff alike.

In addition, the residents of the graduate prosthodontics education program make complete dentures free of charge to edentulous persons in dire need. 33 million Americans have no remaining natural teeth and many of them have limited financial resources, so it is not surprising that each year the patient list with requests for free dentures starts earlier and grows longer, with priority given to our nation's veterans. The residents begin by meeting their patient on Monday morning and performing a thorough head and neck examination. Similar to the former removable complete denture board examination, the residents have a specific timeline and must provide the



Fig. 1: Confirming teeth setup with patient. This step was done at the same session after adjusting the occlusion rims and registering interocclusal records.

finished dentures the same week, by Friday at noon. While that timeframe is a challenge for first year residents, the third year residents use this opportunity as their clinical competency exam for complete dentures.

The patients seen each year are typically either long-time denture wearers who cannot afford a new set of dentures or first-time edentulous patients. During the first year of NPAW at the University of Iowa, one of the patients was a woman whose house had burned down with her dentures inside. While thankful that both she and her husband made it out safely, the loss of her dentures was debilitating. As with so many things vital to everyday life, the effect



on her ability to chew, speak, and smile soon became overwhelming for the patient.

Dr. Nariman Amiri, now a prosthodontist practicing in Vancouver, began the process of restoring her smile with an intraoral examination. The exam revealed moderate resorption (bone loss) of the maxillary ridge (upper jaw) and severe resorption in the mandibular ridge (lower jaw). The saliva appeared to be of normal amount and consistency. Fabricating new dentures for this patient would be challenging from the standpoint of the amount of jaw bone loss, as well as the fact that the resident had no existing dentures to go by as a reference – they had been destroyed in the fire. The resident made definitive impressions on the first day using thermoplastic stock trays which were customized. This technique reduced the number of

33 million Americans have no natural teeth remaining, so it is no surprise that each year the patient list for free dentures starts earlier and grows longer.

Fig. 2: Final impression using the thermoplastic tray system. Posterior palatal seal area is formed using Iowa wax. (top left)

Fig. 3: Denture teeth arrangement and festooning prepared for wax trial placement. (bottom left)

Fig. 4: Wax trial placement appointment. (top right)

Fig. 5: Denture placement appointment. (bottom right)

treatment steps and provided an alternate learning experience for the resident. The definitive casts fabricated from these impressions were used to make occlusion rims (bases with wax). The occlusion rims were modified as needed to achieve a template that would provide the appropriate esthetics and vertical dimension/height. The final shape and length of the occlusion rims were confirmed by evaluating the appropriate phonetics. Interocclusal records were made, casts were mounted, and teeth were selected and set. All records were verified with a wax trial placement and the patient had the opportunity to evaluate and approve the esthetics at this appointment.

After the resident processed the dentures, they were placed and examined in the mouth, and adjustments were made as necessary. Pressure-indicating paste was used to evaluate the intaglio (inside) surface for potential pressure spots. The dentures were then evaluated for phonetics, esthetics, and occlusion. A clinical remount was performed to finalize the occlusion (bite) at the time of placement of the prostheses. Instructions on the care of the dentures were given to the patient.

The smile on her face alone was worth the 16 hour days put in by the residents.

This is a testament to the positive impact that NPAW can have on patients' lives. The number of graduates who provide gratis care in their practices for NPAW grows with each class.

This year, National Prosthodontics Awareness Week is April 12-18, 2015. Join us in celebrating our patients and our specialty! ■



Fig. 6: Esthetics and phonetics are confirmed at the placement appointment. (top)

Fig. 7: Patient and Dr. Nariman Amiri in the last appointment. (Follow up and adjustment)



**NATIONAL
PROSTHODONTICS
AWARENESS WEEK**

April 12-18, 2015

Make an Impact

NPAW energizes ACP members across the country to spread the word about prosthodontics in their communities, and share the positive impact that prosthodontists have on their patients' lives.



Save the date to celebrate! GoToAPro.org/NPAW

ACP
AMERICAN COLLEGE OF
PROSTHODONTISTS

Your smile.
Our specialty.®

Evaluating the true cost of new technology

Brody J. Hildebrand,
BA, DDS, MS

Technology is engulfing every practitioner and educator in dentistry. It can't be ignored, and it will eventually overtake anyone that tries to avoid it.

The biggest challenge facing private practitioners is to decipher and blend what is advantageous, what is effective, what is efficient, and what is economically feasible and then embrace what we can! This would be easy if we didn't have all kinds of pressures on us – from patients, from staff, from manufacturers, from our accountants, and even from our homes.

Looking at the upsides, we can assess if new technology makes us quicker and more accurate or if it allows us to make better decisions while exposing patients to less time, radiation, and discomfort. Technology may allow us to more clearly share the patient's issues and our recommendations, and thus assist in providing the best possible treatment. It may help us better diagnose lesions, pathology, and dental/facial problems. Of course, technology gives us access to materials that were previously unusable. And then there is the fact that we can treat more patients in less time. Essentially almost everything that can be accomplished by hand with wax or plastic can today be done virtually with the use of computer software and hardware.

Then we need to account for the downsides that we might otherwise sweep under the rug, such as the complexity that technology can add through more systems or incomplete connectivity options, or the pushback from staff that turns our office productivity and environment upside down. We need to watch for new regulations that make technology more cumbersome or time consuming, and the added responsibility to stay up-to-date



with the abilities of the technology, for better or for worse, to "see more". There is the need to be quasi-computer technicians when things go glitchy because our systems are not self-repairing. Then there are those who are into tech-gadgets (such as the author) and love the new, fun, exciting aspects of the machinery...but often find themselves in a time vacuum with regards to efficiency. Finally, we need to be able to watch money go down one drain while we recoup it through another facet. That's just the way it typically works no matter what the rep may tell us!

So you may be scared to death to make that big new purchase. I'd say stop...listen to everyone in your life...do your research...and then make a move. Because in most wars (yes, this is a war for your time, your money, your expertise) those that move forward flourish. There are questions to ask yourself, your accountant, and your manufacturer's sales rep.

These questions should not limit you from incorporating new technology into your practice. They are meant to uncover a few of the areas that can be overshadowed by the glamour and shine of new technology.

Technology can increase our overhead and operational costs, it can decrease our available cash, and it can potentially burden our practices when contracts and expenses are not fully understood. But I'm a firm believer that new technology can provide high-quality dental healthcare, expand our capabilities, and increase our efficiencies as we expand our range of solutions to meet complex problems that our patients present. ■



Direct Costs

- a. What is the purchase price range, what are the options, and what are the add-ons?**
 - i. Is there additional software to render, design, or share the files if I want to do work on them?
 - ii. Are there connectivity fees for outside systems or 3rd parties?
- b. What are the installation costs?**
 - i. Any electrical, wiring, monitors, or back-up computers/additional server requirements?
 - ii. What are the required training days and doctor time required?
 - iii. What is the cost point for additional training days?
- c. What are the costs to keep it functioning?**
 - i. Software support fee?
 - ii. Warranty fee?
 - iii. Any additional insurance riders required in my state/country or with my policy?

Operational Costs

- a. What is the cost to have on my property?**
 - i. Room fee to house the item?
 - ii. Electrical fee to keep it running?
- b. What are the costs to run the machine?**
 - i. Cost to have each staff member who is incorporated in the process of running the machine?
 - ii. Doctor time required to run, design, or render/read the results?
- c. Additional costs?**
 - i. Equipment taxes or regulatory visits required?
 - ii. State or federal property taxes come into play each year?



Indirect Costs

- a. What is the cost to update?**
 - i. What is the effective life expectancy before I find the urge to move to the newest machine?
 - ii. What are the buyback options?
- b. Depreciation schedule?**
- c. Cost value of money used to purchase?**
- d. Sale or partnership issues?**
 - i. Limits on transfer to selling practice?
 - ii. Partnership demise and payment schedules?
 - iii. Cost burden to a new owner?
 - iv. Responsibility for continued payments if new owner not interested?

The cost of entering private practice

They say that nothing worth doing comes easily. As a prosthodontist I have found this to be true. Starting a private practice involves significant costs, and the financial demands are only one part.

The biggest cost of practice is time. Being a successful specialist starts with delivering high quality care to patients. This means investing time during treatment at the chair and in the laboratory. The more laboratory work you complete for your cases, the more savings and profit that you earn, but it takes time to deliver high quality prosthodontic therapy. Each patient requires your full attention and your very best work.

Getting patients to come to your practice is also essential to a successful business. This requires time to develop a referral network. Advertising is an option for some, but may entail high costs with small returns. A new prosthodontist may not have this money in the budget. Networking and creating personal relationships with referral sources can be a challenge for a new prosthodontist. Frequent meetings with other health professionals and influential members

Carl M. Pogoncheff,
DDS, MS, FACP

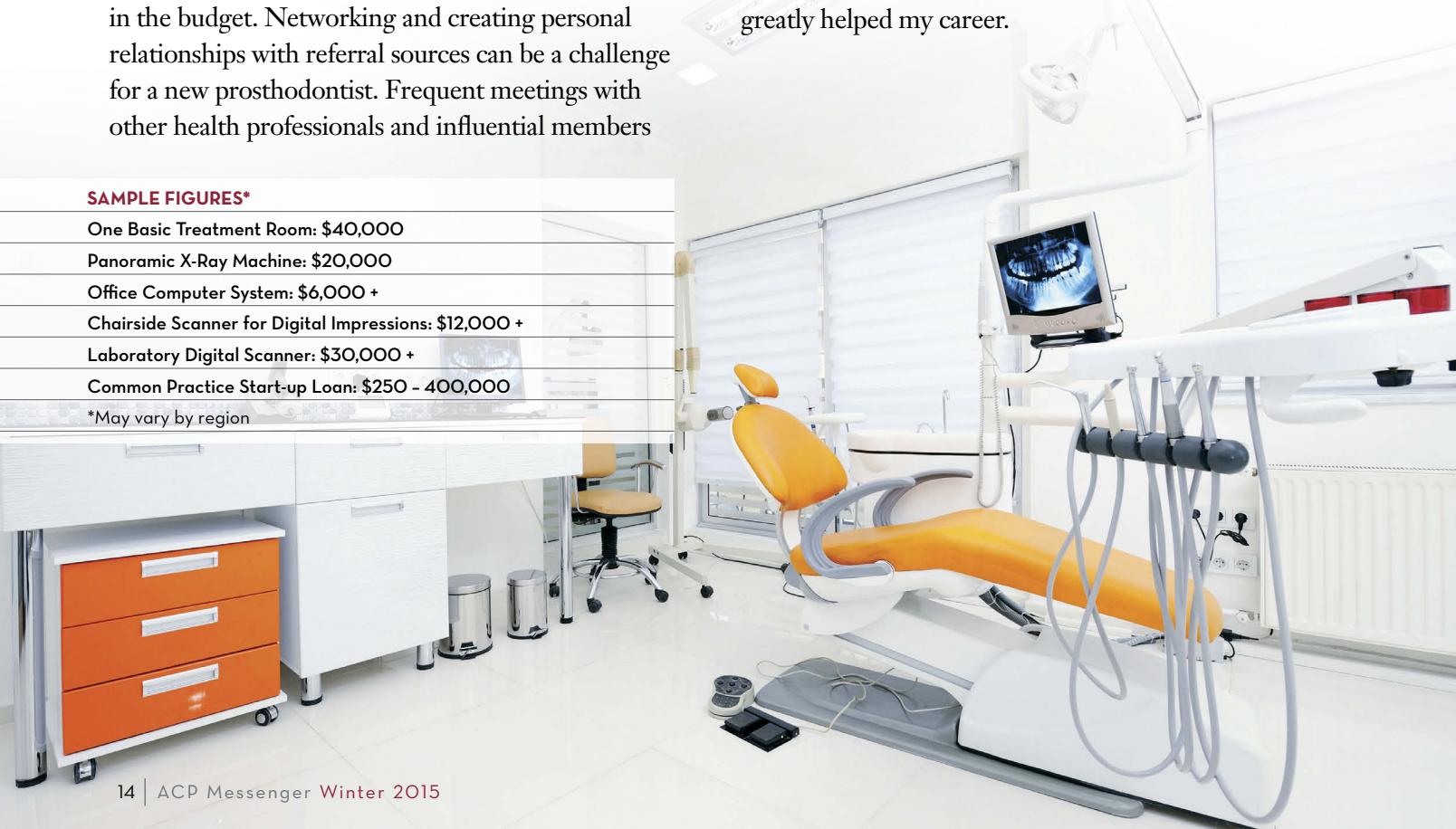
of your community are a must. Word of mouth is valuable, but it doesn't happen overnight.

As a prosthodontist you have a unique advantage due to your residency training. The reputation of prosthodontists may precede you in the community in which you practice, or you may need to create awareness for the specialty. Either way you must prove yourself to your potential referral network. Earning board certification from the American Board of Prosthodontics would be a great way to do this. Completing the examination process required a major investment of time and money, but it was very rewarding personally and professionally, and it has greatly helped my career.

SAMPLE FIGURES*

One Basic Treatment Room:	\$40,000
Panoramic X-Ray Machine:	\$20,000
Office Computer System:	\$6,000 +
Chairside Scanner for Digital Impressions:	\$12,000 +
Laboratory Digital Scanner:	\$30,000 +
Common Practice Start-up Loan:	\$250 - 400,000

*May vary by region



You will also need to consider the day-to-day costs of running a practice. Purchasing equipment, supplies, and materials requires research to make sure that you are getting what you need to be successful at a price that fits the budget – and that takes time. Remember those late nights studying during residency? They are not over after graduation. Managing your staff and keeping up with taxes are no simple matters, either. Accountants and attorneys can help, but will take money out of your pocket.

The good news is that the skills you learned in residency can help lift some of the burden. The work ethic that was a critical part of your success during residency can be your best resource. Some of those lab skills will come in handy to cut costs when you

are starting out and have more time than patients. Assess the skills you learned and how you could apply them to practice.

Colleagues in the American College of Prosthodontists can provide advice from their experience. Mentorship can go a long way. Another key is to balance work and personal life. Having a good support system at home can make all the difference. Your spouse or significant other can be a source of strength for you individually and in your career.

The costs may seem daunting, but it's worth the effort. Keep moving forward with a positive attitude and a patient centered approach, and the rewards will follow. ■

February 12-14, 2015 / The TPC Sawgrass Clubhouse, Ponte Vedra Beach, FL Register now for dynamic material, shade and cementation seminars! **Selection: The Most Crucial Steps**

Three renowned course speakers will review the most crucial aspects of material selection, restoration design, effective communication, and treatment planning to final cementation.

Material Selection Dr. Raigrodski

Shade Selection Yoshida, RDT

Cementation Selection Dr. Blatz

Optional hands-on workshop:
Capture Shade Taking Methods by Digital Photography

Yoshida, RDT



Markus B. Blatz
DMD, PhD



Ariel J. Raigrodski
DMD, MS, FACP



Aki Yoshida, RDT

ADES

Academy of Dental Esthetics and Sciences

Visit www.academyofdes.org for program details and accommodations.


Reserve NOW for Dr. Gerard Chiche's Seminar
November 6-7, 2015 / Ponte Vedra Beach, FL
The Esthetic Zone Inside and Out

 **CUSP**
DENTAL LABORATORY

ADES, The Educational Division of Cusp Dental

Sponsors:









Shaping the future

Frank J. Tuminelli,
DMD, FACP
ACP President

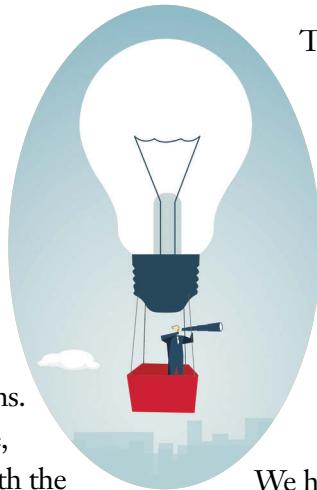
2015 will present challenges. These should be perceived as opportunities to shape the future, and two of the most compelling opportunities lay in the areas of education and emerging technologies.

The very foundation of our specialty is education. We strive to engage the best and brightest minds. But those who embark on our path are asked to make a tremendous commitment and sacrifice, both personal and financial. For too many, the latter is in the hundreds of thousands of dollars.

We are obligated to ask the hard questions. As specialists who provide high level care, we need to establish a common vision with the industries that profit from it and the universities that seek to attract research dollars to advance it. The time has come for our residents to be able to access education based on talent and credentials.

Our residents dedicate years of their lives acquiring the skills and knowledge necessary to provide the highest-level specialty care in the world. Thus, those individuals seeking training – and the educators providing it – need our help and support. We should explore strategies aimed at minimizing or perhaps eliminating the need for those seeking specialty education to assume enormous debt. This goes well beyond prosthodontics; it will benefit all the dental specialties, and the ACP can lead this cause.

This specialty is also defined by a forward-looking vision. This demands a renewed focus on research and clinical outcome assessments. We must understand emerging technologies, share them, and teach them.



This is a natural progression for our specialty as we are leaders in diagnosis and treatment-planning acumen. We must embrace our general community as the resource for applying technology. The ACP has begun this conversation and we are building bridges. Another strategic step forward is the ACP's first Digital Symposium in February. We look to be the specialty others approach for an educational pathway.

We have evolved from waxing, casting, and cumbersome instrumentation to CAD/CAM, grafting, tissue engineering, virtual articulation, and full-mouth rehabilitation with function in a day. One day, will we look back at the paradigm shift that titanium provided in elevating the care of our edentulous patients and the replacement of removable prostheses as a stepping stone? Of course we will.

I envision a time, not too long from now, with the successful mapping of the human genome having been completed, when an ACP Prosthodontist will prepare a computer-aided anatomically accurate osteotomy and re-implant a genetically engineered tooth. Titanium will take its place as another tool that we outgrew.

Progress is who we are; it's what our specialty is about. I am proud to say that our future is exciting and rich with opportunity. ■

Dr. Per-Ingvar Bränemark

May 3, 1929 – Dec. 20, 2014

The father of modern dental implantology, Dr. Per-Ingvar Bränemark, will always be remembered by the American College of Prosthodontists and dental professionals everywhere. The ACP mourns the passing of this giant, a pioneer of our time. As we mourn his passing, we also celebrate the countless lives he changed through his work. Dr. Bränemark made it possible to restore oral health and return dignity to our patients in ways that had never been possible before.

As a prosthodontist, whether you were at the 1984 Toronto Symposium, were educated in the initial stages of osseointegration procedures, participated in the first zygoma training course, or had the unique experience of Novum's application, you were

influenced by Dr. Bränemark's legacy. His tireless dedication to improving human health, through the application of osseointegration in the oral cavity and systemically, forever altered our paths. For dentistry, it placed us on the medical model, one that catapulted the profession to new levels of care delivery.

As Isaac Newton said, "If I have seen further than others, it is by standing on the shoulders of giants." In patient care, in research, in every part of our specialty, we have all stood upon the shoulders of Dr. Per-Ingvar Bränemark.

Dr. Frank J. Tuminelli
President, American College of Prosthodontists



Per-Ingvar Bränemark
May 3, 1929 – December 20, 2014

Ease of use meets restorative flexibility in the new NobelProcera® Hybrid

Nobel Biocare

Sooner or later, denture wearers return to their dentist. Perhaps they need to have their denture repaired. Or maybe they would like a solution that feels more like their natural teeth, but cost is a concern.

Whatever the reason, there is a huge opportunity for both labs and restorative dentists to assist this flow of returning patients. This is precisely where the new Hybrid fixed implant restoration (fixed complete denture) from NobelProcera® can help.

The key to more implant treatments

Dental laboratories today are looking for new ways to stand out. In an increasingly competitive market they need to differentiate to develop. Fixed implant restorations like the NobelProcera® Hybrid make it possible to do just that, offering great results for the patient.

The Hybrid brings together excellent acrylic support with the time-efficient workflow of a fixed implant bar at a price that is attractive. It offers the best of both worlds and, importantly, is designed to last.

As a relatively cost-effective option, the Hybrid offers an increased likelihood of patient acceptance. This means a greater flow of cases for the restoring dentist and the dental lab, helping them to build their businesses while dramatically improving quality of life for the patient.

Patient acceptance also improves thanks to the Hybrid's compatibility with the All-on-4® treatment concept. This clinically proven 1-4 concept enables the restoration of a fully edentulous jaw on just four implants. It is therefore less invasive and more affordable, further increasing the rate of patient acceptance.

Precision and design in perfect harmony

The old saying “time is money” is as relevant for dental laboratories as it is for any other business environment. The Hybrid allows dental labs to process more fixed implant restorations, more efficiently. The time it takes to design the Hybrid is kept to a minimum thanks to the NobelProcera® System's highly efficient CAD workflow.

Fingers in the anterior and retention elements in the posterior are designed to enhance the longevity of the restoration. The Hybrid bar gives the dental technician the tools they need to give the acrylic and denture teeth the best support possible. The added strength can save the restorative dentist time by reducing the risk that chairside repairs will be required.

A win-win for professionals and patients

Theoretically, every removable denture represents an opportunity where the Hybrid could improve quality of life. It's a product that perfectly embodies Nobel Biocare's goal of helping its customers “treat more patients better”. It increases patient flow while offering patients a better standard of care. That's surely the objective of every dental professional. ■

Nobel Biocare was invited to submit this feature as part of their sponsorship of the Annual Session.





Learn more about how the Hybrid can help dental laboratories build their business at nobelbiocare.com/nobelprocerabars, or contact a local NobelProcera® sales representative.

Fig. 1: The new Hybrid from NobelProcera® offers the ultimate in restorative flexibility and can reduce the likelihood that chairside repairs will be required. The design can incorporate retention elements (right), fingers (back), or a combination of the two (left) to provide excellent support for the acrylic.

SAVE THE DATE

Oct. 21 - 24, 2015
Renaissance Orlando
at Sea World



ACP2015 PROSTHODONTICS

45TH ANNUAL SESSION • OCT. 21-24 • ORLANDO

Controversies and Innovations in Prosthodontics

Exploring Biologic and Technologic Principles

Wednesday, Oct. 21
Updates in Prosthodontics

Thursday, Oct. 22
Preservation vs. Replacement
The Prosthodontist's Role Revisited

Friday, Oct. 23
Innovations in Prosthodontic Therapy: Is Digital Dentistry Ready for Prime Time?

Controversies in Prosthodontic Therapy:
Thinking Outside the Box

Saturday, Oct. 24
The Laboratory Connection: Techniques,
Innovations, and Pearls from the Experts

Registration opens in May acp45.com

Resident indebtedness and how it affects all prosthodontists

Robert W. Berg,
DMD

The cost of higher education has been in national headlines like never before. Economic challenges at universities and hospitals due to the economy, decreases in state and federal funding, shrinking endowments, and other factors have contributed to the financial burden of attending dental school.

Today the average debt of a dental graduate (without post-graduate education) is more than \$200,000, an increase of 66% over the last decade. This becomes an even greater concern when these higher debt loads begin to impact career decisions, such as whether to enter a post-graduate specialty program (potentially more debt), open a solo practice, enter academic careers, and/or provide care to underserved populations.

The American Dental Education Association (ADEA) reports that 50% of all dental school graduates move on to a postdoctoral education program instead of heading directly into practice. Since debt keeps climbing, whether through compounding interest or new tuition costs, the success of one's future practice is even more important to accelerate as soon as possible.

While dental graduates struggle to manage their loan obligations, they do pay their loans. The default rate on student loans for medical and dental professionals is among the lowest of all professions, typically around 1 percent. By comparison, the national average default rate is over 10 percent.

Enter the specialty of prosthodontics. It's no secret that investment in an education is still the key to higher earning potential and that top-paying jobs typically require the most education, training, and experience. Year after year, Forbes and others decipher

numbers from the Bureau of Labor Statistics clearly showing that investing in your education can yield incredible returns, so the future may not be as bleak as some think. Debt, when being invested in an education such as the specialty of prosthodontics, can be utilized to advance an individual's goals.

However, the burden of this debt is a reality, and the numbers are astounding. In a recent survey performed by the ACP Task Force on Resident Indebtedness, 82.5% of residents currently enrolled in advanced education programs in prosthodontics will graduate with over \$150,000 in cumulative educational debt. 82.7% of new prosthodontists (graduates in the last 10 years) have accumulated educational debt that exceeds \$150,000, and 11.6% have over \$400,000 in cumulative educational debt. That's before purchasing a practice, a car, or a home.

The debt is real! So are the concerns. When we asked program directors, residents, and new prosthodontists what their major challenges were, they were, for the most part, the same. All three groups were first and foremost concerned with residents finding a job upon graduation, paying off debt, and the challenges of entering private practice (such as a referral base, practice management, and case acceptance). Residents and new prosthodontists were

concerned with the public's lack of awareness of prosthodontics. Given the rising age of retirement of dentists (8-10 years longer than previous decades), graduates have fewer opportunities in private practice, making career choices even more challenging.

This is a major issue for prosthodontics as a whole. Future generations of prosthodontists are being faced with economic challenges like never before. The challenges that programs are having with faculty may be affected as well, with graduates electing to go into the more lucrative private sector to improve their earning potential and pay off their debt sooner rather than pursuing an academic career. Applicant pools for graduate programs may also be affected as dental school graduates put off a post-graduate prosthodontics program in lieu of acquiring more debt (and lost income) during the three years of residency.

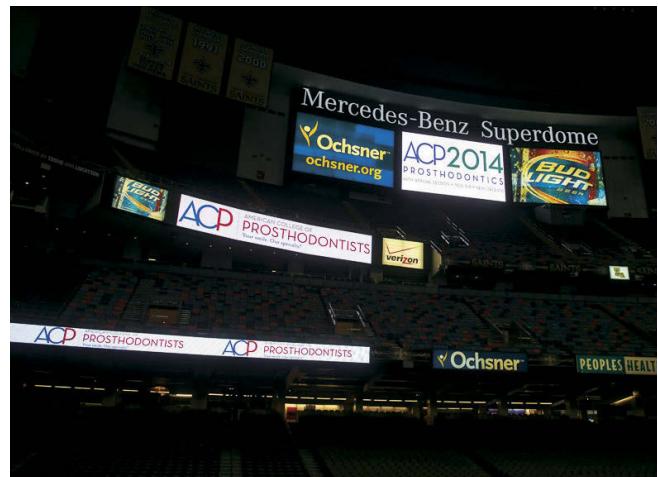


Fortunately, the ACP can help! All three groups that participated in the survey suggested that lobbying efforts, programs at the Annual Session, and an online job portal can help with these concerns.

Despite the financial burden, the future of specialty education in prosthodontics remains bright. The quality of applicants to post-graduate programs continues to impress. New prosthodontists are more qualified than ever to care for patients and are repaying their debt. With attention paid to the issues and realities related to the investment in a prosthodontic education, we will be able to further educate and prepare the specialty for the future. ■

New heights in New Orleans

In life, as in prosthodontics, challenges can become opportunities. So when the American College of Prosthodontists came to New Orleans with a near-record attendance, a meeting at the Hyatt Regency expanded to the Mercedes-Benz Superdome.





Over the course of four days, ACP President Dr. John Agar and Program Chair Dr. Carl Driscoll delivered an exceptional program covering diagnostic considerations and legal consequences, cross-specialty collaboration, cost and benefit analysis for new technology, and much more. Speakers wrestled with complications, failures, and solutions from their own personal experience, while breakout sessions delivered focused learning on topics such as preparing to go into practice.



We'll see you Oct. 21-24, 2015 in Orlando!

Table Clinics Competition

The 2014 Table Clinics Competition was made possible through the support of the ACP Education Foundation. Congratulations to this year's winners! These individuals were selected from more than 100 entrants in this year's competition at the Annual Session in New Orleans. Entrants are pictured with Dr. Caroline T. Nguyen, Table Clinics Chair.

Postgraduate Competition



Dr. Konstantinos Vazouras

University of Connecticut Health Center

*Custom CAD/CAM Abutment Failure During Cyclic Fatigue
(Modified ISO 14801:2008)*



Dr. Natalie Baker

University of Illinois at Chicago

Characterization and Biocompatibility of Transparent Nanotubes on Hybrid TiZrO²



Dr. Jyme Rae Charette

University of Louisville

Utilizing Previous Records to Predictably Remove Fractured Porcelain Implant Restorations: The Preservation of Soft Tissue Contours and Custom Abutments

Predoctoral Competition



Ms. Sohyun Park

Harvard University

Effects of Implant Abutment Connection Type, Implant Length, and Abutment Screw Length on Dental Implant Reverse Torque Value



Mr. Kale McMillan

New York University

Caries Risk Assessment in Fixed Prosthodontic Treatment



Mr. Dane C. McMillan

New York University

Predoctoral Student Implant Guidelines: What Are They Good For? Absolutely...

John J. Sharry Research Competition

Held annually since 1976, the John J. Sharry Research Competition is intended to stimulate and acknowledge original research in prosthodontics by students.

"This year's Sharry Competition was extremely competitive. Out of eighteen outstanding applications, three finalists were selected to present during the 2014 ACP Annual Session," said Dr. Radi Masri, chair of the ACP Research Committee. "The presentations were equally impressive, with very little separation among the three finalists. After difficult deliberations, the judging committee awarded the first place to Dr. Aram Kim (mentor: Dr. Stephen Campbell) for her project on the effect of implant abutment material on perceived esthetics. The second place winner was Dr. Aurora Dibner (mentor: Dr. Robert Kelly) and the third place went to Dr. Sanjay Karunagaran (mentor: Dr Seichii Yamamo). Congratulations to all three winners."



First place winner, Dr. Aram Kim, pictured with Dr. Radi Masri, ACP Research Committee Chair

1ST PLACE

Dr. Aram Kim

University of Illinois at Chicago

Abutment Material Effect on Peri-implant Soft Tissue Color and Perceived Esthetics

2ND PLACE

Dr. Aurora Dibner

University of Connecticut Health Center

Fatigue Strength of Bi-layered Ceramics Under Cyclic Loading as a Function of Core Veneer Thickness

3RD PLACE

Dr. Sanjay Karunagaran

University of Tennessee

A Novel Implant Surface Treatment to Enhance Rapid Osseointegration: Nanometer-scale Features on Micrometer-scale Surface Texturing

Polishing the Crown Jewel

As the premier educational event in the prosthodontic specialty, the Annual Session is often called the "Crown Jewel" of the American College of Prosthodontists. With four days of programs and a roster of speakers from around the world, what goes on behind the scenes to create an Annual Session?

2014 NEW ORLEANS:



138
GALLONS OF COFFEE
DRANK BY ATTENDEES
IN THE EXHIBIT HALL



1,500
BEIGNETS EATEN
BY ATTENDEES

2,760
CUPS OF COFFEE
DRANK BY ATTENDEES
IN THE EXHIBIT HALL



2,000
SLIDERS EATEN
BY ATTENDEES

\$70,135
COST OF COFFEE/BEIGNETS
AND CONTINENTAL BREAKFAST
FOR 2 DAYS IN THE EXHIBIT HALL



\$71,013
COST OF AFTERNOON BREAKS
(PIZZA AND SLIDERS) FOR 2 DAYS
IN THE EXHIBIT HALL

Awards of Distinction



Distinguished Service Award
To Dr. Nancy S. Arbree,
pictured here with Dr. Walter
S. Warpeha, Jr. (left)



**Distinguished Lecturer
Award** To Dr. Urs C. Belser,
pictured here with Dr. Kent L.
Knoernschild (left)



Educator of the Year Award
To Dr. Hiroshi Hirayama,
pictured here with Dr. William
W. Nagy (left)



Clinician/Researcher Award
To Dr. Kenneth S. Kurtz,
pictured here with Dr. Mary P.
Walker (left)



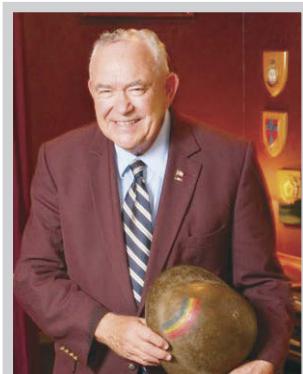
**Dental Technician
Leadership Award**
To Mr. Larry L. Lindke,
pictured here with
Dr. Paul Scruggs (left)



**Major General (Retired) Bill
B. Lefler Federal Services
Award** To Dr. William O.
Wilson, pictured here with
Dr. Gerald T. Grant (left)



Dan Gordon Award
To Charles J. Goodacre,
pictured here with
Dr. Stephen F. Bergen (left)



President's Award
To Maj. Gen. (Ret.)
Bill B. Lefler

Private Practice Award



**Private Practice Award,
Region 1 - Northeast**
To Dr. Jack Piermatti



**Private Practice Award,
Region 2 - Eastern**
To Dr. Joseph B. Breitman,
pictured here with
Dr. Thomas J. Balshi (left)



**Private Practice Award,
Region 3 - Central**
To Dr. Edward M. Amet,
pictured here with
Dr. Lars Bouma (left)



**Private Practice Award,
Region 4 - Rockies/Plains**
To Dr. Stephen A. Wagner,
pictured here with
Dr. Alvin Wee (left)



**Private Practice Award,
Region 5 - Pacific**
To Dr. Roy T. Yanase,
pictured here with
Dr. Nadim Z. Baba (left)

Honorary Member Recognition



Three oral health professionals were introduced and recognized as Honorary Members of the American College of Prosthodontists. These individuals have made significant clinical or scientific contributions to the discipline and/or specialty of prosthodontics.



Photo, top: Dr. Urs C. Belser (center), pictured here with Dr. Thomas Taylor (right) and Dr. John R. Agar (left).

Photo, center: Dr. Robert Gottlander (center), pictured here with Dr. Frank J. Tuminelli (right) and Dr. John R. Agar (left).

Photo, bottom: Dr. Bach T. Le (center), pictured here with Dr. Lars Bouma (right) and Dr. John R. Agar (left).



Polishing the Crown Jewel (*continued from previous page*)

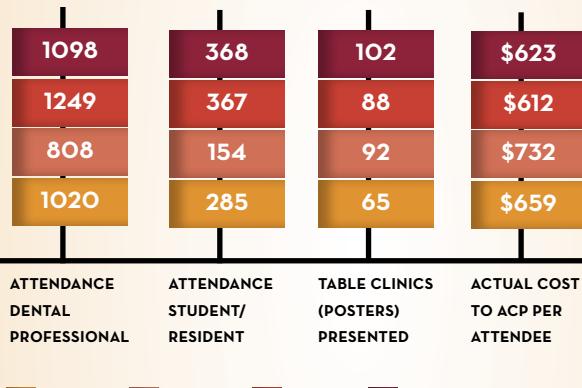


1080
STAFF HOURS
ON-SITE FOR THE
WEEK (AVERAGE 75
PER STAFF MEMBER)



8

AV TECHNICIANS SPEND
295 TOTAL HOURS TO
SET UP AND BREAK DOWN
ALL EVENTS AT THE
MEETING



*Figures for 2012 in Baltimore were affected by Hurricane Sandy.

Founders Society Award



For his contributions to the ACP, his students, his patients, and prosthodontics as a whole, Dr. Harold Litvak was recognized with the Founders Society Award of the ACP Education Foundation.

“When you say his name, you hear nothing but great comments and warm feelings from those that know him and care deeply for him,” said Dr. Lily T. Garcia, Chair of the Foundation. “Now that I have had the opportunity to work with Harold and to have gotten to know him, I can say that I share their genuine feelings and respect for this wonderful person.”

Dr. Michael Litvak accepted the award on his father’s behalf, and is shown here with just a few of the many people who hold appreciation for Dr. Harold Litvak as a leader, mentor, and friend.



ACP Members Launch Pilot Program in Idaho

Drs. Michael Gurney and Linda Ruppel are participating in a new pilot program with several dental colleagues, aiming to provide dental treatment for 50 elderly patients in need in Boise and Twin Falls, Idaho. Funding is being provided by Delta Dental for equipment and supplies to set up chairs in the nursing homes for screening and future treatments. Additional funding is coming from Incurred

Medical Expense, which will allow the team to provide treatments such as dentures that are not covered by Medicaid.

"The hope is that in the future the program will continue to grow and more elderly patients without funds can receive needed dental treatment," said Dr. Ruppel.

Now Online in the *Journal of Prosthodontics*

While accuracy of fit is the characteristic most closely related to the longevity of a restoration, no studies have evaluated the influence of both the impression technique and the prosthesis fabrication technique on the marginal fit of the final all-ceramic restoration. Therefore, Dr. Evanthis Anadioti and colleagues conducted an in vitro study to evaluate the marginal fit of all-ceramic crowns made from two impression techniques (digital vs. conventional) and two fabrication methods (CAD/CAM vs. press). No studies in the literature assess the adaptation of all-ceramic crowns made from the combination of those techniques. Therefore, this study provided information as to how either impression technique could be combined with either crown fabrication method to facilitate the needs or the availability of each in clinical practice.

The authors found that the combination of poly(vinyl siloxane) impression method and press fabrication technique produced the most accurate 3D and 2D marginal fits. That said, all combinations produced crowns with a clinically acceptable marginal fit. According to Dr. Anadioti, "Current techniques for digital impressions and CAD/CAM crown fabrication have evolved to the point where they can produce reliable marginal fit that meet or exceed clinically acceptable standards."

This research was awarded first place at the John J. Sharry Research Competition at 43rd Annual Session of the American College of Prosthodontists.

Anadioti E, Aquilino SA, Gratton DG, et al: 3D and 2D marginal fit of pressed and CAD/CAM lithium disilicate crowns made from digital and conventional impressions. J Prosthodont 2014 doi: 10.1111/jopr.12180



Dental Students Decide to Specialize

Dr. Anne Fabricius of Oak Park, IL represented the American College of Prosthodontists at the 2014 National Leadership Conference of the American Student Dental Association, which brought more than 500 dental students to Chicago.

Attendees learned about residency, careers in prosthodontics, and the benefits of ACP student membership, leading to more than 30 new student members for the College.

Cancer Care and the Role of a Prosthodontist

Do you treat patients for head and neck cancer? The new ACP Cancer Care video, which you can share with patients or play in your waiting room, showcases the role prosthodontists play on the patient care team. Prosthodontists are featured in the video along with their patients.

"I love the video, particularly the interaction between the patients and prosthodontists," said Dr. Doug Benting, a private practitioner in Arizona. "This could be good to show someone who is just getting their head around the news that they have cancer because there are real people like Jim in the video, who is nine years out and doing all right."



New ACP Fellows and Diplomates of the American Board of Prosthodontics

Congratulations to the Class of 2014!

Dr. Amara C. Abreu-Serrano
Dr. Mai H. Al Mujel
Dr. Nadia S. Al-Angari
Dr. Eassa A. Aloabaidi
Dr. Fawaaz I. Alqahtani
Dr. Mosa M. Altassan
Dr. Evanthia Anadioti
Dr. Allison Yuriko Andresen
Dr. Rodney L. Andrus
Dr. Ann M. Behrends
Dr. P. Andrew Benson
Dr. Carlos Castro
Dr. Carolina Cespedes Manguart
Dr. Sahar Damghani
Dr. Efterpi Zantopoulos Deegan
Dr. Richard Brian Derksen
Dr. Brandon DeWitt
Dr. Aurora C. Dibner
Dr. Joseph DiFazio
Dr. Khaled M. El Rafie
Dr. Caroline Corrigan Eskow
Dr. Nathaniel Farley
Dr. Marina Funtik
Dr. Daniel F. Galindo

Dr. Antoanelia Garbacea
Dr. Jacqueline A. Hogan
Dr. Dong-Soo Hong
Dr. Michelle A. Howard Rynn
Dr. Peterson Huang
Dr. Andrew C. Johnson
Dr. Melani Kapetanakos
Dr. Junhyck Kim
Dr. Yung Kyun Kim
Dr. Elias Dimitrios Kontogiorgos
Dr. Alejandro Kovacs
Dr. David Lalande
Dr. Sang J. Lee
Dr. Elyce E. Link-Bindu
Dr. Weiqiang Loke
Dr. Amalie Lomartire
Dr. Georgia M. Macedo Weld
Dr. Nicole L. Mackie
Dr. Anna Manzotti
Dr. Beatrice C. Maritim
Dr. Georgios Maroulakos
Dr. Kirstin T. McCarville
Dr. Joseph C. Meng
Dr. Mehrdad Mortaz

Dr. Alireza Moshaverinia
Dr. Shane G. Mullane
Dr. William J. O'Brien
Dr. Gen B. Paek
Dr. Alfredo R. Paredes
Dr. Vicki C. Petropoulos
Dr. Stewart W. Pharr
Dr. Natalie K. Powell
Dr. Amit Punj
Dr. Hai Qing
Dr. Osama A. Qutub
Dr. Valentina Redden
Dr. David J. Rusthoven
Dr. Mahmoud M. Serag
Dr. Tanya Somohano Marquez
Dr. Yinghan Tan
Dr. Emily J. Taylor
Dr. Fransiskus Andrianto
Tjiptowidjojo
Dr. Elaine Torres-Melendez
Dr. Sarah K. Turbush
Dr. Bhavani Venkatachalam
Dr. George Ding-Chun Wu

ACP 2015 Officers and Board Members



Dr. Frank J. Tuminelli



Dr. Carol A. Lefebvre



Dr. Carl F. Driscoll



Dr. Robert E. Stover



Dr. Susan E. Brackett

Dr. Julie A. Holloway (Treasurer), **Dr. Lino P. Calvani** (Region 7 Membership Director), **Dr. Paul E. Scruggs** (Region 2 Membership Director), **Dr. Victoria A. Vickers** (Public Relations & Communications Division Director), and **Dr. Alvin G. Wee** (Region 4 Membership Director) were re-elected to new terms in their previous positions. **Dr. John R. Agar** will remain an active member of the ACP Board of Directors by serving as Immediate Past President for the next year.

Dr. Frank J. Tuminelli was installed as President of the American College of Prosthodontists. A private practice prosthodontist in Great Neck, New York, Dr. Tuminelli dedicates time to mentor the next generation of prosthodontists in his role as Director of Graduate Prosthodontics at New York Hospital Queens. Highly respected, regarded, and well-loved by students, patients, and peers, Dr. Tuminelli is a Past President of the Greater New York Academy of Prosthodontics and a Diplomate of the American Board of Prosthodontics.

Dr. Carl F. Driscoll was installed as President-Elect of the American College of Prosthodontists. He currently serves as a Professor at the University of Maryland Dental School and as Director of the Prosthodontic Residency. He previously held the same position with the U.S. Army at Walter Reed Army Medical Center in Washington, D.C. from 1994-97. Dr. Driscoll retired from the Army in 1997 with the rank of Colonel. He has served as President of the American Academy of Fixed Prosthodontics and the American Board of Prosthodontics.

Dr. Susan E. Brackett was installed as Vice President of the American College of Prosthodontists. Following a long and successful career in academics, Dr. Brackett joined an established prosthodontic private practice in Oklahoma City. In 2013, the ACP Education Foundation recognized Dr. Brackett's service to the organization with the Founders Society Award. She is a Diplomate of the American Board of Prosthodontics and a Fellow of the American College of Dentists and of the American College of Prosthodontists.

Dr. Carol A. Lefebvre was installed as Secretary of the American College of Prosthodontists. Dr. Lefebvre was recently appointed as Dean of Georgia Regents University College of Dental Medicine. She is also a professor in the departments of Oral Rehabilitation and Oral Biology in the College of Dental Medicine and the College of Graduate Studies. Dr. Lefebvre is a Diplomate of the American Board of Prosthodontics, a Fellow in the Academy of Prosthodontics, the American College of Prosthodontists, Pierre Fauchard Academy, and the International College of Dentists, as well as a member of Omicron Kappa Upsilon and Phi Kappa Phi.

Dr. Robert E. Stover was installed as Region 5 Membership Director. Based in Olympia, Washington, Dr. Stover is a board-certified prosthodontist who participates in many different areas of the prosthodontic specialty. He is also a Diplomate of the American Board of Prosthodontics. Dr. Stover has published articles in the *Journal of Periodontology* and the *International Journal of Dental Research* and has lectured both nationally and internationally. His passion and expertise also led him to serve on the ACP Judicial Committee and participate in the ACP ProsNet Study Committee.

Dr. Stephen A. Wagner was installed as Prosthodontic Practice & Patient Care Division Director. Dr. Wagner, a Diplomate of the American Board of Prosthodontics and a Fellow of the Academy of Maxillofacial Prosthetics, is currently in his 36th year of private practice in Albuquerque, New Mexico. Dental images taken by Dr. Wagner have been used by the *New York Times*, *ABC News*, *The Discovery Channel*, *Newsweek*, and the American Dental

Association. He is the current editor of the American College of Prosthodontists' Board Study Guide. His primary clinical research interests center around work simplification in removable and maxillofacial prosthodontics.



Dr. Stephen A. Wagner



Dr. Betsy K. Davis

Dr. Betsy K. Davis was installed as Maxillofacial Prosthetics Director. She is associate professor and director of the Maxillofacial Prosthodontic Clinic at the Medical University of South Carolina, Charleston, where she holds the Wendy and Keith Wellin Endowed Chair in Maxillofacial Prosthodontics and Dental Oncology. She is a recipient of the Presidential Citation from the American Head & Neck Society. She has served as President of the American Academy of Maxillofacial Prosthetics.

IN MEMORIAM

The College and Board of Directors remember the following colleagues:



Dr. Thomas C. Abrahamsen

Dr. Reno A. Ahlvin, Jr.

Dr. Jeffrey C. Archer

Dr. Jean-Francois Bedard

Dr. Per-Ingvar Bränemark

Dr. Lawrence Churgin

Dr. Robert S. Conrad

Dr. Carlos O. DeLeon

Dr. Roy Hawkinson

Dr. Richard Hesby

Dr. John Y.H. Ismail

Dr. George H. Latta



In their honor, the College has made a contribution to the ACP Education Foundation.

IN MEMORIAM

A donation has been made to the endowment of the ACP Education Foundation in honor of:



Merrye Shavel Hudis
Sheila Litvak

Welcome New Members

September –December 2014

New Academic Alliance Members

Dr. Najla Chebib
Dr. Negar Homayounfar
Dr. Walter G. Renne
Dr. Elizabeth F. Schuler

New Advanced Program and Graduate Student Alliance Members

Dr. Malek R. Alshehri
Dr. Joshua D. Yanoviak

New Dental Technician Alliance Member

Mr. Gregorio O. Mancia

Reinstated Dental Technician Alliance Members

Mr. Robert E. Kreyer, Jr.
Mr. Roman Maiberg
Mr. Thomas S. Sing

Reinstated Fellows

Dr. Richard V. Ritter
Dr. David J. Rusthoven

Reinstated International Fellows

Dr. Amal Rashad Abualsamh
Dr. Somkiat Aimpree
Dr. Song Auttawetchakul

New International Members

Dr. Ansgar C. Cheng
Dr. Leslie P. Laing Gibbard

Reinstated International Members

Dr. Kevin Aminzadeh
Dr. Aws S. ArRejaie
Dr. Jaime T. Castro
Dr. Terry J. Lim

New Global Alliance Members

Dr. Mohammad Jamal Abdin
Dr. Pooja Garg
Dr. Edmond H.N. Pow
Dr. Vaughn A.T. Suite

New Members

Dr. Tomas Anderkvist
Dr. Ray Galvan
Dr. Daniel G. Mashoof

Reinstated Members

Dr. Michael J. Covaney
Dr. Julio Espinoza
Dr. Wael N. Garine
Dr. Didier Guillaume
Dr. Sujey Morgan
Dr. Mary Ibeth Ossa Correnti
Dr. John Paul Osterman
Dr. Hernan Enrique Quintero
Dr. Giancarlo Romero
Dr. Marc S. Sclafani
Dr. Lawrence O. Sims

New Predoctoral Alliance Members

Ms. Priyadarshini Agrawal
Mr. Anthony A. Bouza
Mr. Nag Bum Chu
Mr. Thomas G. Fuschetto
Mr. Matthew T. Harper
Mr. Jason Hwang
Ms. Taylor J. Manalili
Ms. Alisha N. Nichols
Ms. Cristina Osorio
Ms. Sohyun Park
Mr. Moshe M. Rechthand
Ms. Sierra R. Van Den Dries
Ms. Elyse A. Wagner

Resident/Graduate Student Members

Dr. Rishabh P. Acharya
Dr. Brenda L. Acosta
Dr. Bryce Peter Adamson
Dr. Abdulla Alameeri
Dr. Naser B. Alawadhi
Dr. Bader A. Aldhaian
Dr. Murtada H. Aldoukhil
Dr. Muayad M. Al-Furaih
Dr. Maha Muzahem Al-Sahan
Dr. Hussain D. Alsayed
Dr. Konstantina Angelara
Dr. Jean-Carlo Aymerich
Dr. Nadia A. Basha
Dr. Travis D. Bellicchi
Dr. Michele Buda
Dr. Sopanis D. Cho
Dr. Shayla H. Dang
Dr. Andrew N. Dill
Dr. Faraj M. Edher
Dr. Nora O. El-Mowafy
Dr. Salam Hetou
Dr. Peerapat Kaweewongprasert
Dr. Yasser A. Khaled
Dr. Thomas Lee Kwun
Dr. Stephen Paul Lambert
Dr. Rui Li
Dr. Yanira Lopez Aquino
Dr. Santiago Merino
Dr. Sidharth Mohan
Dr. Rami Muadab
Dr. Walter E. Odisho
Dr. Naif Sinada
Dr. Marko Y. Tadros
Dr. Arun Vashisht
Dr. Peter D. Walker
Dr. Hasan G. Yap

Upcoming Events



Harness the Power of Digital Dentistry
Feb. 23-24, 2015
Prosthodontics.org

National Prosthodontics Awareness Week
April 12-18, 2015
GoToAPro.org/NPAW

45th Annual Session
Orlando
Oct. 21-24, 2015
acp45.com

Job Opportunities

California (Sacramento) -

Exceptional opportunity for enthusiastic outgoing prosthodontists to replace retired partner in multi-specialty, multi-doctor, multi-location, dental group. Associate leading to equity partnership. Contact Dr. Brock Hinton at 916-454-0855 or BHinton@prosthogroup.com

California (San Diego) -

The Permadontics Implant Center in beautiful San Diego. Full-time prosthodontist needed to start immediately. State of the art facility. Call Dr. Ian Aires at 858-869-5673 or email airesian64@gmail.com

Colorado (Colorado Springs) -

Board certified Prosthodontist seeking associate with buy in opportunity. Well established (22 years), fee for service, state of the art practice limited to the specialty of prosthodontics. 3837 sqft; 6 ops; full fabrication in-house lab. Partner of 17 years recently retired. Please send cover letter and CV to seamandds@aol.com

Florida (Jupiter) -

Established prosthodontic practice based in desirable Jupiter, Florida, is seeking an enthusiastic Associate Prosthodontist to join our practice. We are well known in the community and have enjoyed long term success with our strong referral network and patient relationships. As members of the Seattle Study Club for the past 8 years, our practice encourages growth and development through continuing education. Our beautiful facility and passionate team offer a high level of technology, comfort, and superior care to our patients. Interested parties please submit your resume to: drgarine@drgarine.com

Maine (Portland) -

Expanding coastal Maine 40 year old prosthodontic specialty practice seeks prosthodontist to join busy, established, successful, three prosthodontists' practice moving to new free standing building with all of the state of the art equipment & nationally recognized in-house fixed prosthodontic laboratory. Excellent pay/benefits. Email prosth@maine.rr.com, fax inquiries to 207-775-6311.

Michigan (Oakland County) -

Practice opportunity leading to full partnership in a well-established multi-practitioner prosthodontic practice located in Oakland County, Michigan. Fee for service practice: fixed, removable, implant prosthodontics and maxillofacial prosthetics. Full staff including two technicians and 8 operatories. American Board of Prosthodontics certification preferred. Confidential email inquiries to: PicMichigan@comcast.net

New York (Manhattan) -

Midtown Manhattan Prosthodontic Practice, with academic affiliation, has a full time associate opportunity. Implant dentistry from an accredited ADA training program is required. Please call our office at 212-750-0050 and ask for Elise Caraveo, Office Manager or email office@devinokay.com

Vermont (Brattleboro) -

1st Advantage Dental is an established multi-specialty group practice with locations in New York, Massachusetts, and Vermont. Whether it's the Capital District of New York or the beautiful Pioneer Valley of Vermont, we are committed to providing the best possible oral health care to our patients. We are interested in speaking with candidates interested in joining our Brattleboro, VT practice. Send CV & Cover Letter to kateanderson@amdp.com

Wisconsin (Madison) -

Madison, WI based Prosthodontic practice, is seeking an Associate Prosthodontist to join our 2 doctor practice. We are well known in the community and have enjoyed long term success with our strong referral network. Our new facility and experienced team offer a high level of technology, comfort, and superior care to our patients. Experience with Maxillofacial Prosthetics or other related complex prosthodontic care is a plus. A competitive compensation and benefit package will be offered. Submit your resume to: hr@ dentalpracticeadvisors.com

Practices for Sale

Arizona (Tuscon) -

Top floor, end unit, spectacular mountain views. Newly remodeled with equipment that easily conforms to right or left-handed doctor. Two fully equipped large operatories. One additional consult room with business desk/computer and dental chair with light which can easily become a full 3rd operatory. Eaglesoft software. Large newly remodeled lab. Practice started in 1993. Acquired in 2012. All phases of prosthodontics. Primary focus is implant restorations. Close to Tucson Medical Center. Email: pedigob8@aol.com

California (Central Coast) -

Well-established practice located in California's gorgeous Central Coast area. Beautifully appointed, spacious 1,568 sq.ft. office with 4 fully equipped ops, pros lab and other amenities. Situated just minutes from the ocean and <5 miles away from one of California's historic Mission Cities, this practice is nestled in a highly desirable community. 2013 gross receipts were \$1.2M+ and 2014 is annualized at \$1.3M+ on a 4 day doctor workweek, w/ 4 days of hygiene/week. Approx. 15 new patients a month and ~1,500 active patients (all fee-for-service). Owner/doctor is willing to help Buyer for smooth transition. For more details on this amazing opportunity please call Carroll & Company (650) 403-1010 DRE#00777682.

Practices for Sale

California (Napa) -

Prosthodontic practice established in 1985 occupies 1712 sq. ft. with 4 fully equipped operatories and on-site full service removable prosthetics lab. Collections just under 1 million on a 3-day work week with 2 days of hygiene per week. Contact Tim Giroux at 530-218-8968 or wps@succeed.net

California (Palm Desert) -

State of the art specialty practice established in 1992. Digital pano, Dentrix, 5 ops, lecture room, ADEC equipment, 2,600 sq ft, great location. Prosthodontist that also places implants best candidate. Adding referrals doubles profits. Need to move out of state due to husband job relocation. Collected over 850k in 2014. Serious inquiries only. Kept confidential. Email contact info to: golfinthedesert@gmail.com

Kansas (Kansas City) -

Implant focused prosthodontic practice in Kansas City for sale. 1200 active patients with an excellent marketing program. Well known doctor with established practice. Very impressive equipment with 3D, CAD/CAM, and in house lab. Please contact Kyle Francis with Professional Transition Strategies at 719-459-1021 or kfrancis@professionaltransition.com

Massachusetts (Merrimack Valley) -

A Board Certified prosthodontist's 20 year old practice for sale. A beautiful 2 operatory (plumbed for 3) office in the Merrimack Valley of Massachusetts. Income averages over \$350,000/year on 2 days/week. A perfect opportunity for a young prosthodontist. Serious inquiries only. Email cohibalou@aol.com

Texas (Northwest Houston) -

Established Prosthodontic practice located in high growth area of Northwest Houston. The stand alone building provides a visible location along a major thoroughfare and includes 3,200 square feet of office space, 5 fully equipped operatories, and an on-site lab. Procedures performed by the seller and offered through the practice include hygiene services, crown and bridge, dentures and partials, All-on-4 implant prostheses, fixed and removable implant treatment, full mouth reconstruction and general dentistry restorative procedures. Annual revenues are consistently near \$800K with very strong after debt service cash flow. Seller is phasing into retirement and is open to work as an associate during an extended transition after closing. The real estate is also available for purchase. Asking \$600,000 (#H251) McLellan & Associates - Houston dental-sales.com (281) 362-1707 houstoneasttx@dental-sales.com

Virginia (Northern Virginia)-

Great opportunity to own a well established practice in a state of the art facility. All fee for service, \$1 million+, 4 treatment rooms. Dentist to stay on through transition. Please call 678-482-7305 or email info@southeasttransitions.com for details using Listing ID VA-1022.

Washington (Puget Sound Basin) -

Immaculate, well established and respected practice specializing in dentures; crown & bridge; implants and veneers. Also featuring custom restorations. The facility features four equipped operatories with potential for one or two additional. This beautiful office is approximately 2,300 square feet with an additional 300 square feet in conference room. Excellent parking at this Class A facility located in an urban setting near I-5. The office features digital radiography, digital pan, intra oral cams, lasers and electric handpieces. Operatories are fully computerized. Practice collections were \$1,326,000 for 2013 and on pace for similar 2014. Exceptional geographic location. No contracted insurance. Email Jennifer@cpa4dds.com

Washington (Spokane) -

Spokane, Washington practice for sale. Unique opportunity in the beautiful Pacific Northwest. Prosthodontic practice just miles from endless year round outdoor recreation. Heavy emphasis on crown and bridge and implant reconstruction. Very strong net and a solid corner in prosthetic dentistry as the only prosthetic practice in North Spokane. There are two full time and one part time prosthodontic practices in the entire city and county. This practice features 6 ops and an active hygiene department and is located in a 2-story professional building with a periodontist, an orthodontist and 4 general practices. Current lease is up on 8/31/2017 with a 5 year option available. Doctor will stay for transition period if desired. Call: O 509-327-4469, C 509-688-9288 or email: retoother@hotmail.com

Washington, D.C. Area -

State-of-the-art specialty practice. CBCT, Dentrix, ALL DIGITAL OFFICE, PELTON AND CRANE equipment, 2,300 sq. ft. Prosthodontist that also places implants best candidate. Tremendous growth potential. Serious inquiries only. Kept confidential. Email contact information: tkristalis@aol.com

ATLANTIS™

NEW

A removable prosthesis with the comfort of a fixed restoration

ATLANTIS™ Conus concept

Available for all major implant systems, the **ATLANTIS Conus concept** allows for friction-fit, non-resilient prosthetic solutions for fully edentulous patients.



- Individually designed using the patented ATLANTIS VAD (Virtual Abutment Design) software for parallel abutments and margin levels as close to the soft tissue as possible.
- Designed to fit SynCone caps, ensuring a tightly-seated final restoration and minimizing gaps and micro-movement.
- Stable and comfortable implant-supported, palate-free prosthesis designed for optimal chewing function, sense of taste and oral hygiene.



STEPS™



SIMPLANT™



SYMBIOS™



ANKYLOS™



ATLANTIS™

ASTRA TECH
IMPLANT SYSTEM

XIVE®

www.dentsplyimplants.com

DENTSPLY
IMPLANTS



Prescribe more
than a denture,
prescribe a Smile!

Visit us online to hear Carol's incredible story of how a new Ivoclar Vivadent Removable denture changed her life.

Carol - Actual Ivoclar Vivadent denture patient.

Review our online listing of **Authorized Ivoclar Vivadent Removable Laboratories** and start prescribing **More than a Denture** today!

Morethanadenture.com/pro



©2014 Ivoclar Vivadent, Inc. Ivoclar Vivadent and Ivoclar Vivadent Removable are trademarks of Ivoclar Vivadent, Inc.



ivoclar
vivadent
passion vision innovation