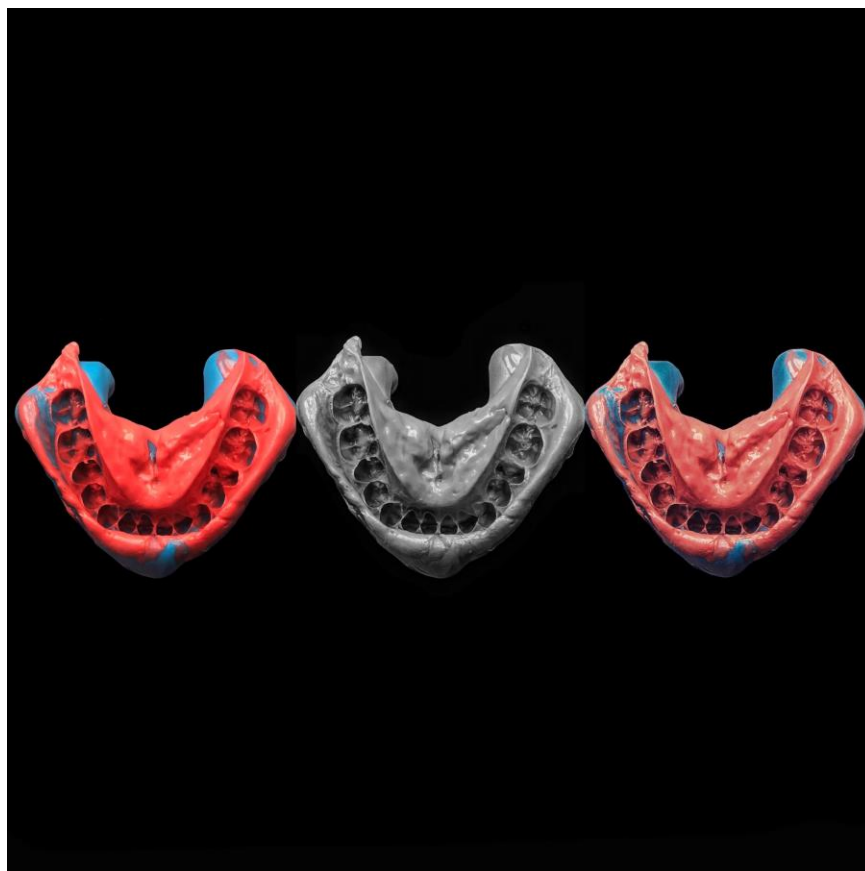


Members Newsletter



JANUARY 2023 Volume 29

bsspd.org



Cover photo: Lower impression Courtesy of Dr Rizwaan M Chaudhary

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The President's editorial | Dr Suresh Nayar

The past several months have been very productive for BSSPD. In my inaugural message, I mentioned that I shall be looking at improving our international relations. I am happy to report that I have signed memorandums of understanding with the following organizations:

American Academy of Maxillofacial Prosthetics – November 1, 2022

Saudi Prosthodontic Society – November 3, 2022

Turkish Prosthodontic and Implantology Association – November 3, 2022

Israel Prosthodontic Society – November 3, 2022

Indian Prosthodontic Society – November 11, 2022

Malaysian Association for Prosthodontics – January 16, 2023

Egyptian Prosthodontic Association – January 17, 2023

The memorandum of understanding promotes cooperation between organizations and builds strategic alliances and scientific collaboration. It also allows members of each organization to attend the annual conference of other organizations as members.

An affiliate membership category has also been introduced, allowing members of the above organizations to become BSSPD affiliate members.

I attended the American Academy of Maxillofacial Prosthetics annual conference in Austin, USA and signed the MOU with the AAMP President, Dr. Joseph Huryn, at their Annual Business meeting on November 1, 2022. (Pictures 1, 2,3)



Picture 1 - MOU signing BSSPD & AAMP. Dr Suresh Nayar with Dr Joseph Huryn, AAMP president.



Picture 2 - MOU signing BSSPD & AAMP



Picture 3 - MOU signing BSSPD & AAMP

I was invited by the Indian Prosthodontic Society as a Golden Jubilee speaker and a Distinguished Professional. At the inauguration of the Golden Jubilee celebration of the Indian Prosthodontic Society on November 11, 2022, the MOU was signed with IPS President Dr. V Rangarajan. (Pictures 4,5,6)



Picture 4 - MOU signing BSSPD & IPS



Picture 5 - Dr Suresh Nayar with IPS President Dr V Rangarajan



Picture 6 - MOU Signing BSSPD & IPS

I gave the keynote lecture on the same day. (Pictures 7,8)



Picture 7 - Dr Suresh Nayar delivering keynote lecture at the IPS Golden Jubilee celebrations

Platinum Jubilee anniversary E-book

To celebrate BSSPD's glorious 70 years as an organization, I have requested senior members of BSSPD to prepare an e-book to capture the history of BSSPD in the last 70 years. I am thankful to Dr Richard Welfare who is leading the effort along with several of our former Presidents and members. They will be accessing the Wellcome Trust archives (read more about this in "**BSSPD archives project**" later in the newsletter) to prepare the e-book. A presentation of the index of the e-book will take place during the conference with the publication of the e-book later in the year.

Webinar series

Our webinar series has been very successful, with very positive feedback. We have had participants from all around the world joining us. The new time slot of the afternoon appears to be working for UK membership with increased participation.

BSSPD Platinum Jubilee Conference 2023 - The conference preparation is in full swing. I am really looking forward to welcoming you all to the conference. We have 12 international experts from all over the world bringing to you, all of prosthodontics! I am particularly excited about the conference dinner – Indian style with Indian cuisine and entertainment, including the Bhangra troupe welcoming guests, followed by Bollywood dancing with a DJ. I will be coming dressed in Indian attire, and it will be an honour for me if my guests will join me in dressing up in Indian attire!

I look forward to welcoming you all to the BSSPD Platinum Jubilee Conference in Birmingham on March 24, 2023!

Are your details up to date?

The BSSPD needs your up-to-date details, especially email to keep you informed. If you are unsure if your details are correct or if you have not been receiving emails from the society, please log into the members only area and click 'Edit my details'. Alternatively, you can send an email to admin@bsspd.org



Picture 8 - Promoting the BSSPDs Platinum Jubilee conference to be held in Birmingham 2023 (see below)

BSSPD Platinum Jubilee Annual Conference: March 24-25, 2023

"ONE WORLD, ONE PROSTHODONTICS"

Friday 24th March – Saturday 25th March 2023, Millennium Point, Birmingham The conference programme is now live. Please visit the [conference programme page](#) to view.

This conference will explore the similarities in prosthodontics across the world. In addition, to make it truly international, there is a fabulous line up of international masters in prosthodontics and covering all aspects in prosthodontics from fixed, removable, implants and maxillofacial prosthodontics. The venue for the conference is the [Millennium Point in Birmingham](#). This is a purpose-built venue for large meetings and the IMAX auditorium can seat up to 354 guests. It is in the heart of Birmingham with easy accessibility by rail, air and road and has plenty of options for accommodation. It has a large area called the Platform where you can mingle with our industry partners during conference breaks. It also has a large atrium where we will have our conference dinner. The conference dinner will be Indian cuisine and you are welcome to come dressed in an Indian attire and to celebrate the diversity that UK is! Our dinner guests will be welcomed by a Bhangra dance performance (Bhangra is a Punjabi folk dance with a rhythmic drumbeat and lively dance). After the Indian dinner, you will be entertained by a Bollywood dance performance. The BSSPD Platinum Jubilee Conference 2023 will be an event to remember - to get the best of scientific knowledge, from the best in the world, and to have a fabulous social evening, come to the BSSPD conference on March 24, 25, 2023 at the Millennium Point in Birmingham.

BSSPD webinar programme 2022-23

We have had some fantastic webinars over the preceding months. There is one webinar to go for the current programme curated by Dr Suresh Nayar. All of the webinars are in the on-demand catalogue. You can find a link to the catalogue [here](#). The following provides a summary of the 2022-23 programme.

Attached to Precision: The evolution of precision attachments in Prosthodontics

Speaker: Dr Shash Bhakta

*available on-demand

Aim:
To familiarise the attendee with the evolution and role of precision attachments in Prosthodontics

Objectives:

- To review the evolution of precision attachments and removable prosthodontics
- The transition of attachments into implant dentistry
- Current status of attachments and their relevance

GDC development outcome C



I am a consultant in Restorative Dentistry at Leeds Dental Institute and the lead clinician for the NHS specialist service. I split my time between tertiary care in Leeds and specialist private practice in York. My clinical interests are within oral rehabilitation of patients with head and neck cancer, management of the failing dentitions, endodontics and implant dentistry. I have been involved with post graduate education for over 15 years.

Experiential Learning: 30 plus years of implant dentistry, a personal reflection

Speaker: Dr Raj Patel

*available on-demand

Aims and Objectives:

- To outline the historical challenges and myths in implant dentistry
- Share some tips and solutions to problems.
- Highlight what I've learnt, how I think and what I still don't know. after 30+ years

At the end of the seminar you should be able to:

- Reflect on your own personal experiences to direct your own development and understanding.
- Have encountered a few solutions to decision dilemmas or problems you have faced.
- Appreciate that failures are our biggest learning opportunity and this inevitably takes a lifetime.

GDC development outcomes: A, B, C and D



Raj is a GDC Registered Specialist in Oral Surgery, Restorative Dentistry, Prosthodontics, Endodontics and Periodontics. It is a blend of these specialties that has allowed him to develop a holistic approach in the management of a number of complex groups of patients. These include the rehabilitation of patients who have had treatment for oral cancer or congenital abnormalities such as missing teeth or clefts.

Where does the rock go when the rock needs help?

Speaker: Dr Sreenivas Koka

*available on-demand

Objectives:

- Describe ideal stress management philosophy
- Describe the role of grief when leading yourself through crisis
- Describe three coping strategies for managing anxiety and stress

GDC Development outcome B



Dr Sreenivas Koka, Dean, School of Dentistry, University of Mississippi Medical Center, Jackson, Mississippi, USA
Dr. Sreenivas Koka received DDS and MS (prosthodontics) degrees from The University of Michigan. He is a Fellow and past-President of the Academy of Prosthodontics, a member of the ADA, past-President of the International College of Prosthodontists, and is Chair of MIT's Sloan School of Management Alumni Board. Dr. Koka has published over 100 journal articles and book chapters and has given a TEDx talk on life without teeth. Dr. Koka has been a reviewer for NIH grants and been a principal investigator on grants funded by NIH and industry sources. In addition, Dr. Koka is the co-founder of the Future Leaders in Prosthodontics (FLIP) and Shaping the Future of Implant Dentistry (SHIFT) workshop series.

Christmas webinar: Prosthodontics – through a different lens

Hosted by Swati Nehete and Raelene Sambrook

*available on-demand



Raelene and Swati speaking to guests Lorna McCaul, Ade Mosaku, Susan Tanner and Janice Ellis

Aims and objectives:

The aim of this webinar is to open dialogue with leading women in the field of prosthodontics in the UK. Areas to be discussed include philosophies of prosthodontic treatment, aspects of delivering prosthodontic treatment in the UK, the role of prosthodontic education and barriers to developing skills and a career in Prosthodontics.

GDC development outcomes B and D

Guiding Facial Prosthetics

Speaker: Akhila Regunathan

Anaplastologist, Lead, Specialized Services, Institute for Reconstructive Sciences in Medicine (iRSM) Edmonton, Canada

*available on-demand

Aims & objectives:

Demonstrate how prototype, reduction, and surgical guides are used in facial prosthetic planning and design to provide patients with the best outcomes and efficient treatment times.

GDC development outcome D



Akhila completed her Bachelors of Fine Arts in Art Education with a minor in the teaching of English from the University of Illinois at Urbana-Champaign in 1997. In 2000, she finished pre-medical curriculum at Benedictine University in Lisle, Illinois. She went on to complete a Masters of Science through the Biomedical Visualization (BVIS) program at the University of Illinois at Chicago in 2003 specializing in Anaplastology. Akhila began working at the Institute for Reconstructive Sciences in Medicine (iRSM) in 2004, and has been an Anaplastologist there since that time, creating implant and adhesive-retained facial prosthetics for cancer, trauma and congenital patients experiencing facial differences.

Tooth or Titanium

Speaker: Dr Aws Alani

Wednesday 15th February 2023 7.30pm UK time

Aims and Objectives:

- To appreciate the dynamic between endodontics and implants especially in the anterior dentition
- To understand how the need for endodontic treatment can impact on future implant provision and vice versa
- To realise that the timing of treatment for either modality has a bearing on the outcome
- To recognise the multiple prosthodontic options available for the management of the traumatised or endodontically compromised dentition

GDC development outcome: C



Consultant in Restorative Dentistry, Kings College Hospital
Associate Professor in Restorative Dentistry, Peninsula Dental School

He is the course director for the Diploma in Operative Dentistry at KCL, which looks to upskill in a multifaceted manner through seminars, hands-on simulated exercises and clinical treatment. He is also Associate Professor in Restorative Dentistry at Peninsula Dental School, delivering part of their online MSc in Restorative Dental Science.

Open Wide | Dr Tim Friel



Dr Tim Friel has been a member of the BSSPD since 1993. He is currently Clinical Senior Lecturer / Honorary Consultant at Queen Mary University. Tim is course Co-Director for the DCLinDent Programme in Prosthodontics and Academic Lead for Undergraduate Outreach at QM.

Welcome to Open Wide! Tim, you have been a member of the BSSPD for many years. What influence has the BSSPD had on your professional career?

BSSPD has been important to me on a number of levels. It's my go to source for specialty level CPD via the annual conference and online seminar programme; BSSPD and its members were instrumental in my

application to the specialist list in prosthodontics when it opened and thirdly and no less importantly, I have made good friends through the society.

You qualified as a dentist in 1988 and then went on to undertake the MSc in Prosthetic Dentistry at the Eastman Dental Institute in 1994. What inspired you to undertake further study in removable prosthodontics at such an early point in your career? *Postgraduate study wasn't as widely developed 30 years ago and I didn't leave Dental School with a career plan or at least not a very good one. My inspiration came from the teachers I encountered as an undergraduate, people like Paul Wright, John Besford and Mike Barsby. They taught me the importance of not just managing the technical side of dentistry but also the importance of listening to patients and helping to manage their needs. Also, it has to be said that I was in the right place at the right time to get some funding to undertake the Masters as there was a move to train people in the Community Dental Service.*

In addition to being recognised as a specialist prosthodontist, you are also on the Special Care Dentistry list. This makes you fairly unique as I am not aware of many other clinicians having this dual recognition? What do you see as the inter-relationship between these two specialties and the benefit of being a specialist in both? *These two specialities can be quite at home in the Community Dental Service where I spent 17 years and for me the obvious cross over is the field of Gerodontology. Special Care Dentistry, in particular, involves managing the holistic needs of the patient and hopefully I use this in my day to day practice and teaching. I'm a bit of a fraud though because I don't really consider myself a 'proper' Special Care Dentist any more. I have excellent Special Care consultant colleagues at the hospital and its always nice to see certain patients with particular problems such as retching, together.*

For the last 20 years, the replacement of missing teeth has been revolutionised by the use of dental implants. What are your thoughts on how this has influenced management of partially dentate and edentulous patients? *I feel that we are still waiting for the revolution for edentulous patients. Unfortunately, the cost of implant treatment is still too high for most people and at the hospital we are restricted as to who we can provide them for. We need to explore the use of cheaper and less invasive options such as mini implants more. Maybe I don't get to see what goes on in the outside world but within the hospital the need for conventional prosthodontics techniques is as important as ever and our trainees still need to learn these even in the age of digital scanning. For me, resin bonded bridges have proved to be a bigger revolution for partially dentate patients in terms of maintaining a functional dentition. It means I am far more likely to avoid making a denture.*

A couple of years ago, you have presented on the topic 'Implants are great, but we still need dentures'. Do you still believe this to be true? Why? *I think so and definitely in Whitechapel for the reasons I mention previously! There's a tendency in the wider public to forget that implants are a means to an end rather than the end itself. If we can provide good quality prostheses then the demand for implants will reduce slightly but also the outcomes with implants will improve too. You have also provided a BSSPD webinar on 'Pragmatic treatment planning for the older patient'. What do you see as the major challenges of treatment planning for older patients, particularly if they have received complex (including implant treatment) in the past?*

I think the problem is not so much with planning. Simplified plans with a minimally invasive approach can be really helpful in maintaining quality of life for older patients. The big issue I think is ongoing care and support for frail older people. Social care for older people is expensive and we don't have a good model

of funding that will cope with the rise in the number of older people. So, if carers are poorly trained and undervalued they are unlikely to provide the support with oral healthcare that is needed.

Learning about good denture design is foundation to developing skills in more complex rehabilitations. How do you inspire the younger generation to engage with dentures when they may be focused on alternative (fixed) options?

I think if you are enthusiastic and passionate about a subject it will rub off on students. The younger generation are just as keen to learn as previous ones, but of course they can and will use different sources such as YouTube and Instagram in addition to 'conventional' ones. Prosthodontic planning can be complex so students will not necessarily 'get it' straight away – I know I didn't. Remembering how long it took to master the basics is useful when trying to explain things. I'm also a very visual learner so having good graphics is important too.

What is your advice for younger colleagues interested in specialising in Prosthodontics?

Firstly, continue to be interested! Its easy to be motivated to learn and develop skills when you enjoy your subject. Secondly, don't be in too much of a rush to specialise and get a good broad skillset before you start training. Thirdly, remember that a new qualified specialist is potentially a dangerous thing. You will have spent time, money and effort to get to that stage in your career; you will want to demonstrate your newly acquired skills; and you won't have been around long enough to see your failures! That sounds very pessimistic actually, I guess what I am saying is keep things simple when you can and never be afraid to ask for help.

News bites

Annual conference | get your entries in

We look forward to the entries for the following prizes at our Annual Conference.

- Schottlander Oral Prize – best 20 minute oral presentation
- Schottlander Poster Prize – best Poster display
- Coltene Early Career Poster Awards – poster presentation documenting a case report
NEW prize

Please refer to the [BSSPD website](#) for more details. Closing date is 31st January 2023 (ie you still have time to submit!)

Save the date | BSSPD Early Practitioners Group Study Day

The 2023 EPG Study Day will be held in **Sheffield on Friday 30th June 2023** and tailored towards those who are about to sit MPros or ISFE in Restorative Dentistry.

The day will give attendees the opportunity for unseen case viva practice with personalised feedback afterwards.

Places will be extremely limited so be sure to save the date and further details along with costs will be released in the near future. **All applicants need to be BSSPD members.** Please advise any of your trainees about this fantastic session which will be invaluable for their exam preparation.

BSSPD ROADSHOW | 1st FEB 2023

In association with the Barts and the London Dental Society, the BSSPD are rolling out the 1st roadshow for 2023. The aim of the roadshow is to showcase the society and engage with our future colleagues and (hopefully) society members! If you would like the BSSPD to visit your undergrads or you would like to be a part of the roadshow, please contact Kirstin at admin@bsspd.org



Restorative Dentistry teaching in Malawi and Zambia

Andrew Paterson *Clinical Senior Lecturer/Honorary Consultant in Restorative Dentistry Glasgow Dental Hospital & School, 278 Sauchiehall Street, Glasgow, G2 3JZ*

The **MalDent Project** was set up in 2018 as a Scottish Government International Development funded project whose main objectives were to set up Malawi's first BDS degree programme and to develop an oral health strategy for Malawi. The principal partners are the University of Glasgow and the Kamuzu University of Health Sciences (KUHeS), who run the Malawian BDS programme, although there are many cross-sectoral partners and stakeholders including the Malawian Ministry of Health and the WHO.

Four years on the National Oral Health policy has been launched and the first cohort of BDS students are in third year. In addition, the neighbouring country to Malawi, Zambia has two relatively new BDS courses. Copperbelt University in Ndola, Zambia started a BDS course in 2010 and Levy Mwanawasa Medical University in Lusaka, Zambia like KUHeS has its first cohort of ten students in third year.

In November 2022 a "flying faculty" of University of Glasgow Staff Jeremy Bagg (former head of school and MalDent project lead), Lorna Macpherson (Emeritus Professor of Dental Public Health), and restorative dentists Andrew Paterson and Niall Rogerson travelled to Malawi. The purpose of the visit was to be involved in a workshop to disseminate and identify key actions for implementation of the National Oral Health Policy, to be involved in a BDS Curriculum workshop to explore opportunities for

collaboration between the two Zambian and the Malawian dental school (part of which focussed on Restorative Dentistry teaching) and to participate in “flying faculty” teaching of the Malawian students.

The challenges of teaching restorative dentistry in low-and middle-income countries (LMICs) are legion. Malawi, for example has 54 dentists for a population of 19.5 million people with 80% of people living in rural areas. Having sufficient expertise in terms of teachers is challenging for any start up dental school but this is undoubtedly more difficult when there is such a small number of dentists locally. KUHeS is addressing this issue by sending six dentist assistant lecturers in a variety of specialties to South Africa for postgraduate training. One of those is training in Prosthodontics and I had the opportunity to teach and spend time with the prosthodontic trainee, Yusuf Maundala, and have the privilege of being his mentor during his specialist training over the next four years. KUHeS aims to train dentists who are locally relevant and globally competent and under the leadership of head of school, James Mchenga, they are progressing with relentless forward progress towards this goal. Having sufficient functioning equipment and consumables for clinical environments and pre-clinical skills requires a constant problem-solving approach and the ability to manage with minimal resources is testament to the professionalism and sheer hard work of all those involved.



Niall Rogerson ably assisted by assistant lecturer and prosthodontic trainee, Yusuf Maundala, demonstrating veneer preparation to KUHeS BDS3 students in pre-clinical skills

It was a very uplifting experience for Niall and I to teach restorative dentistry along with two of our Zambian colleagues to the KUHeS BDS3 students. Their knowledge, enthusiasm, thirst for learning, situational judgement and clinical diagnosis and treatment planning skills were excellent. In addition, they demonstrated good pre-clinical skills and good laboratory skills as they must make their own acrylic dentures.



A case-based discussion with KUHeS BDS3 students at Kamuzu Central Hospital, Lilongwe

On this visit areas for collaboration between the Zambian and Malawian schools and the University of Glasgow were explored. Restorative dentistry is one area where some alignment of the curriculum between Zambian and Malawian schools is likely, and this south-south collaborative shared teaching can only help sustainability of these three schools. Undoubtedly, the University of Glasgow via both virtual teaching and a “flying faculty” may need to plug a few gaps locally as a short-term measure until the numbers of dentists and specialists increase. Other challenges include the need for basic equipment for certain areas to be installed and non-functioning equipment to be replaced. For example, two of the schools lack basic equipment in their prosthodontic laboratories, such as not having a model trimmer. This is already being addressed as both the University of Glasgow and NHS Greater Glasgow and Clyde have donated unwanted but very functional equipment which will shortly be transported to one of the Zambian schools to better equip their prosthodontic laboratory.



The lack of basic lab equipment like a model trimmer makes denture construction more challenging

These new dental schools are evidence of the willingness of Governments in both Malawi and Zambia and their many partners both locally and abroad to have had the foresight to prioritise oral health, despite the competing demands of diseases like malaria and HIV-AIDS, within the limited health budget that LMICs have. These dental schools will hopefully thrive through continued south-south and north-south collaboration and be an exemplar of sustainable development in the region.



The MalDent cross-sectoral partnership (Photo courtesy of Jeremy Bagg)

If you want to learn more about the ongoing MalDent project, please visit <https://www.themaldentproject.com/>

Council matters | Update

Annual membership | due 31st January 2023

Your annual membership is now due. Your current membership will expire on 31st January 2022.

We encourage all new and existing members to pay their annual subscription by direct debit “The smart way to pay”. This makes it much easier for our Society to manage our membership and also makes it easier for members - no more need to remember subscription deadlines each year.

For those wishing to change payments to direct debit, please contact Kirstin at admin@bsspd.org or download the direct debit mandate form from the [Members only area](#) of the website (under ‘Council Papers’).

BSSPD ordinary council positions

From March 2023, three ordinary BSSPD council positions are available. The duties and responsibilities of ordinary council members include:

- To represent the body of BSSPD in an appropriate manner and to ensure that the voice of the ordinary member of BSSPD is considered in all business undertaken by Council
- To ensure that the business of Council is carried out in a suitable manner and that such is undertaken with the membership’s best interest in mind
- To attend Council meetings (currently being held online) and contribute to the business of Council
- To disseminate and support the opinion of Council in matters relating to the business of Council at a local level when required to do so
- To promote the society in a suitable manner at local, national and international levels whenever the opportunity arises
- To judge awards of the Society when asked to do so

- To respond (in a timely fashion) to reports submitted to the Society for consideration
- To actively support the President and Secretary in BSSPD business that they may be involved in
- To serve a 3 year term of office

An email was sent to members mid-December with nominations closing on 20th January 2023. The nominee statements will soon be available. We encourage all members to read through the council nominee statements and take the time to vote.

For further information, please contact Kirstin, our Society administration manager: admin@bsspd.org.

BSSPD AGM | 24th March 2023

The AGM will be held F2F at the annual conference to be held in Birmingham 24th March 2023 from 16:30-17:00.

We hope to see as many members in attendance as possible.

BSSPD archives project

In the 2006 BSSPD Newsletter, the then current President Nick Jepson reported that 'sincere thanks must go to John Walters who has arranged for the archiving of BSSPD documents by the Wellcome Trust at minimal cost. The archive should be accessible within the next six months or so.'

Well, 16 years later, we are pleased to report that the documents are still in safe keeping! A recent visit by Richard Welfare, Robert Howell, Paul Wright and Rupert Austin to the Wellcome collection in November 2022, allowed us to spend a most enjoyable morning perusing the archive.

Particular highlights were:

1. Seeing the social and technological changes which have taken place over this time. Original hand written minutes moving onto hand typed and then eventually onto computer generated with little comments such as "my wife says this is the last time she will retype this document"
2. Members originally having to be proposed and seconded before being accepted into the society
3. It was humbling and inspiring to read of the efforts that all the Presidents, who were in office for the all occasions, made to ensure the successes of the BSSPD over the number of decades involved.
4. Watching the same issues coming up decade after decade such as how to deal with too many different professional meetings and suggesting joint meetings as a way to alleviate the problem
5. Seeing dental knowledge and understanding changing over time - a well respected clinician asking if the periodontists were keeping teeth too long making it more difficult to make dentures.

We had a very productive meeting with the Wellcome's archivists who were extremely complementary on the standard of the record keeping, beautiful minute books and high standards of professionalism of

the previous Hon. Secretarial work. We hope to have catalysed the work of the Wellcome collection at cataloging the archives, they report that they are now almost 60% complete towards updating the records which can be found [here](#).



From L-R: Rupert Austin, Richard Welfare, Paul Wright and Bob Howell

Member news

Dr Richard Crosby | Maya Desai Scholarship applications open

Dr Richard and Priya Crosby are proud sponsors of the Maya Desai Scholarship. Applications for the 2023/24 year are now open and close in August 2023. Please refer to the [website](#) for further information.

The Maya Desai Postgraduate Dental Scholarship.

The **Maya Desai** Postgraduate Dental Scholarship

The aim of the scholarship is primarily to assist students pursuing advanced dental training at UCL Eastman Dental Institute who intend to base their long term practice in Norfolk or Suffolk.

The award of £5000 is made annually. The next award will be for the 2023/24 academic year, but may be deferred if there are judged to be no suitable candidates.

Although primarily aimed at increasing the presence of specialist practitioners in Norfolk and Suffolk, consideration would be given to other applicants aiming to introduce such practice to areas of England currently lacking these services.

Dr Petros Mylonas | SFHEA



In December 2022, Dr Petros Mylonas (Cardiff University) achieved the status of Advance HE Senior Fellow (SFHEA) and has additionally been recognised as a Cardiff University Education Senior Fellow; he is considered one of the youngest recipients of either award in the UK. Petros describes the process as an important milestone in the career of any clinician, and outlines why all clinicians should consider undertaking either the Fellowship (FHEA) or Senior Fellowship (SFHEA) routes to accreditation with Advance HE.

Fellowship allows a clinician to evidence their effectiveness in teaching and contribution to student learning according to the UK Professional Standards Framework (UKPSF), whilst the journey to Senior Fellow provides the additional necessary opportunities for a clinician to succinctly demonstrate their impact and influence on their colleagues' teaching practice either locally or nationally.

Obtaining accreditation will enable any clinician to enhance their personal development and professional practice within dental education, and demonstrate their commitment to teaching, assessment, and student learning experience.

Dr Nasir Bashir | recent publication

Removable partial dentures and mortality among partially edentulous adults Bashir & Bernabe Journal of Dentistry, Volume 126, November 2022 doi: 10.1016/j.jdent.2022.104304

Objectives: The aim of this study was to evaluate whether the use of removable partial dentures (RPDs) has an effect on long-term survival outcomes amongst partially edentulous adults.

Methods: Data were extracted from the Third National Health and Nutrition Examination Survey and linked to public-use mortality files for the period up to 2019. Partially edentulous adults with fewer than 20 teeth were included. RPD use and dentition status were determined by clinical examination. The cohort was propensity score weighted to create a sample which was balanced across 27 covariates (sociodemographics, health behaviors and insurance, laboratory markers, and general health status). Survival analysis was undertaken to compute absolute (mortality rate and median survival time) and relative (event time ratio [ETR]) measures of exposure effect.

Results: The analyzed cohort included 1246 participants, which equated to 22,557 person-years of follow-up. The difference in all-cause mortality rate between RPD wearers and non-wearers was found to be -6.5 (95% CI: -11.6 to -1.4), with the median survival time in RPD wearers being 3.1 years longer

(20.3 years versus 17.2 years). A 26% increase in survival time was observed in RPD wearers (ETR: 1.26, 95% CI: 1.17 to 1.37) and it was found that, for every 7.5 individuals treated with RPDs, one death would be prevented after 10 years of treatment.

Conclusions: The use of RPDs may have long-term benefits in reducing mortality amongst adults with a non-functional dentition, but further research is needed to validate these findings and assess the factors mediating the relationship.

Clinical significance: The use of RPDs may have long-term benefits in reducing mortality amongst adults with a non-functional dentition.

Dr Dinesh Rokaya | FHEA and recent publications Achievements:

- Fellow of Higher Education Academy (FHEA), UK

Journal Article Publications:

1. D Rokaya, P Wanichsetakul, S Tirakunwichcha, P Saonanon. Orientation of the iris in ocular prosthesis use of a light source. *Journal of Datta Meghe Institute of Medical Science University* 2022; 17 (3), 747-748. DOI: [10.4103/jdmimsu.jdmimsu_220_19](https://doi.org/10.4103/jdmimsu.jdmimsu_220_19)
2. Pandey C, Bhattarai BP, Riddhabhaya A, Wongsirichat N, Rokaya D. Healing Abutment Distortion in Implant Prostheses: An In Vitro Study. *Journal of Functional Biomaterials*. 2022; 13(3): 85. DOI: [10.3390/jfb13030085](https://doi.org/10.3390/jfb13030085).
3. Kongkiatkamon S, Rokaya D. Full Digital Workflow in the Esthetic Dental Restoration. *Case Reports in Dentistry* 2022; 2022:8836068. DOI: [10.1155/2022/8836068](https://doi.org/10.1155/2022/8836068)

Book Chapter:

Rokaya D, Singh AS, Sanohkan S, Nayar S. Advanced Polymers for Craniomaxillofacial Reconstruction. In: Gupta RK (Ed.). *Specialty Polymers. Fundamentals, Properties, Applications and Advances*. 1st Edition. 2023. CRC Press. ISBN 9781032243726. <https://www.routledge.com/Specialty-Polymers-Fundamentals-Properties-Applications-and-Advances/Gupta/p/book/9781032243726#>

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Case Report | Dr Rizwaan M Chaudhary

Partial Printed Denture with Custom Composite Teeth – “Cut Back Technique”.

Dr. Rizwaan. M. Chaudhary. BSc (Hons) – Dental Technology. MChD/BChD – Dental Surgery.

INTRODUCTION

In the last ten years, Computer Aided Design and Manufacturing (CAD/CAM) has seen advancement meaning decreasing any inaccuracies which can be caused by conventional methods [1]. The evolution and development of chair-side systems have led to the integration of CAD/CAM in fixed prosthodontics [2].

However, removable partial dentures is still fabricated via traditional methods, despite common errors occurring. They are several systems available to print partial dentures however currently within the United Kingdom majority are milled and not printed. Recently, procedures have been proposed for partial dentures but they have remained on partially described and lacked substantial follow up studies [3].

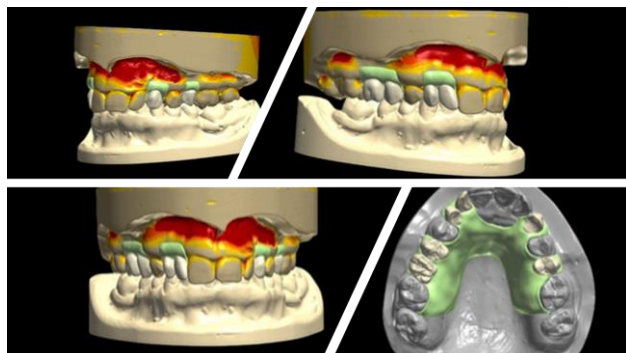
The following is a clinical case first within the United Kingdom where the denture is wholly printed with each individual teeth customized for the patient using “cut back technique”.

CLINICAL CASE – BACKGROUND

A 57 year old female presented with a poorly fitting upper denture. Pt complained of denture continuously breaking due to her bite (Class II Div I), being loose and difficult to eat with along her primary concern being poor aesthetics.



METHOD



The photos were uploaded onto 3Shape denture design studio. Due to the shape of the palate and anatomy and rotation of the UL2 we wanted to mimic this. Furthermore, patient has an occlusion registered as Class II Div I, with an overbite of 6mm and this had to be incorporated within the palate.

Once designed the whole denture was printed via Formlabs form3BL. The material of the denture is a recently released biocompatible photopolymer resin known as denture base/teeth resin.

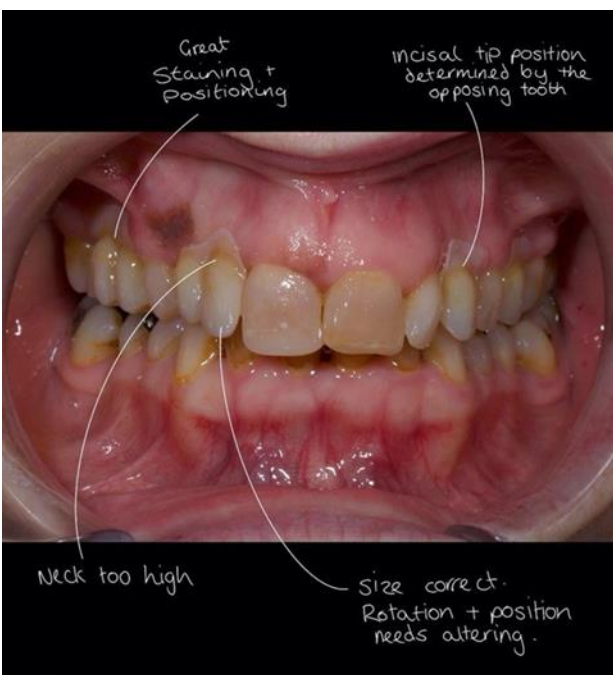


Using cut-back technique we shaped the denture palate and achieved an initial shape of the denture teeth, this method not only creates space but allowed us to add certain characteristics on each teeth and build via composite resin. In this stage the denture resin is one block shade, which we termed as dentine layer.

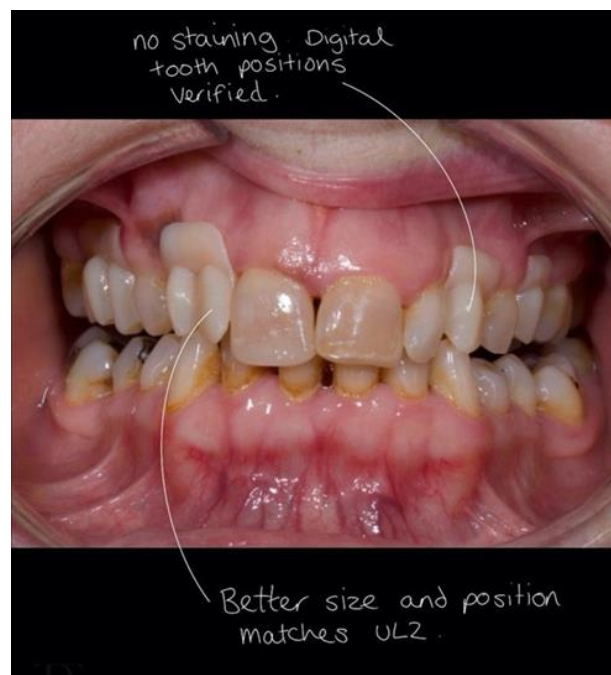
Composite enamel resin in shade A3.5 was applied on denture teeth, with each tooth having a certain characteristic (size, build and bulbosity). Staining and glazing was then added, following the staining pattern of patients natural dentition.

During the initial try-in stage, few improvements were needed, because we wanted a natural look, the UR3 and UR2 did not look symmetrical compared to the natural UL2 and UL3, as such UR3 needed to be brought out more, the neck of the UR2 was too high and the tooth needed to be tucked in and slightly rotated.

At the second try-in stage we were now pleased with the position of the denture teeth, furthermore the positioning of the both the upper canines now allowed canine guidance.



Initial try in



2nd try in

Once try-in stage was complete, we then added pink composite resin using Nexco and Anaxgum. The pink composite consisted of different shades to match the natural gingiva colour of the patient (see back cover photo).

DISCUSSION

This case demonstrates the use of cut-back technique as a new innovative way to meet patient desires.

The composite cut-back technique was created to ensure natural aesthetics in removable prosthesis can be achieved whilst remaining uncompromised in function. Cutting-back ensures that no post-op modifications are required. Rather than relying on standard moulds of teeth which require modifying at chairside, this method allows all aesthetic considerations to be built in.

Case selection is particularly important with the understanding of occlusal classification. Its essential to note that this type of denture is not suitable on every case, space between upper and lower dentition in RCP and ICP has to be recorded. If the space is limited then split denture is more the appropriate choice.

To fabricate this type of denture, a range of technicians is needed, apart from having a prosthetic technician, CAD/CAM technician and a ceramist were also used. Primarily using a lab that has all three is advantageous, the ceramist can ensure all characteristics are added while the prosthetic technician ensures the position of the teeth, occlusion are all harmonious.

Its important to note, that 3D scanner was not used and traditional impressions were used. Primary impressions were taken with Zhermack Hydrogum, while the secondary impressions were taken with Zhermack Tropicalgin and Neocolloid. Opinions are still high with regards to scanning versus impressions, however myself and prosthetic technician felt that impressions would be still be more ideal due to capturing more soft tissue shape.

The usage of IO photographs and software such as 3shape allowed us to visualize how every component of the denture would look, i.e. rotation of teeth, axes, angles in accordance with facial symmetry.



As cosmetic dentistry is now becoming ever popular, it still does not fully incorporate missing teeth, some patients are not suited for implants or other fixed restorations. Dentures are the most suitable option, with this novel technique, it allows the clinical to ensure natural smile is given to the patient but also one that functions well.

CONCLUSIONS

The results on this case showed that the technique is favorable. Patient satisfaction was extremely high. The final denture incorporated the patients bite, meaning no occlusal changes were necessary. Functionality was achieved, while aesthetics not compromised.

References

Bohner LOL, Neto PT, Ahmed AS, Mori M, Laganá DC, Sesma NCEREC. Chairside system to register and design the occlusion in restorative dentistry: a systematic literature review. JEsthet Restor Dent. 2016;28:208–20.

Ahlholm P, Sipilä K, Vallittu P, Jakonen M, Kotiranta U. Digital versus conventional impressions in fixed prosthodontics: a review. J Prosthodont 2016; doi:<https://doi.org/10.1111/jopr.12527>. [Epub ahead of print].

Bonnet, G., Batisse, C., Bessadet, M., Nicolas, E. and Veyrune, J., 2017. A new digital denture procedure: a first practitioners appraisal. BMC Oral Health, 17(1).










EMAIL PREFERENCES

We still have some members who haven't completed their email preferences following the introduction of GDPR in May 2018 – this means that you won't receive emails from us about our events, events run by other organisations, job vacancies, surveys, research studies or consultations etc.

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Back Cover



Courtesy of Dr Rizwaan M Chaudhary - the challenge of optimising pink aesthetics