



SSPI

الجمعية السعودية للأمراض وجراحة اللثة وزراعة الأسنان
Saudi Society of Periodontology and Implant Dentistry

Issue No. 12 February 2024

Nasal Floor Elevation with Simultaneous Implant Placement In Posterior Maxilla: A Case Report

SSPI Upcoming Events 2024

Newly Released to the Saudi Market

الجمعية تحت إشراف



الهيئة السعودية للتخصصات الصحية
Saudi Commission for Health Specialties



Dear colleagues,

2023 has been a challenging year for the society's editorial team but we are determined to provide you with more informative reports and articles.

Despite all the challenges of this year, contributors did not stop sharing case reports, accomplishments and scientific activities.

To everyone, please have a happy year - end and a healthy New Year, do good work, and let us hear from you!

Dr. Adnan Almaghlouth
Editor in Chief

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CASE REPORT

Nasal Floor Elevation with Simultaneous Implant Placement In Posterior Maxilla: A Case Report

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INTRODUCTION

Over the past few decades, the restoration of missing teeth using dental implants become highly predictable and successful. (Albrektsson et al., 1988; Esposito et al., 2005) However, as a consequence of tooth loss, the alveolar ridge resorb both vertically and horizontally leaving an inadequate alveolar ridge for dental implantation. In addition, the presence of maxillary sinuses and the nasal cavity can limit the volume of surrounding bone (Cardaropoli et al., 2003; Araújo and Lindhe, 2005). To overcome this situation Several surgical options are available for augmenting bone volume in this area, including onlay or bone grafts, guided bone regeneration, distraction osteogenesis, and nasal floor augmentation (Rosario 2016).

The information on the literature regarding implants placed in atrophic posterior maxilla using the nasal floor elevation technique and predictability of the treatment is rather scarce.

Transcrestal nasal floor elevation and augmentation emerges as a possibility for rehabilitation of resorbed alveolar ridge, and considered the effective and less invasive technique to enable implant placement in posterior maxilla.

CASE REPORT

A systemically healthy 33 years old female patient admitted to periodontics department in Riyadh Elm University at Saudi Arabia complaining of missing upper posterior teeth with a history of failed GBR using intraoral block graft. Presurgical evaluation was carried out and treatment plan options determined using panoramic radiographs, cone beam computed tomography (CBCT) scans, and study models. The patient presented with insufficient bone both vertical and horizontal diminutions (fig 1 and 2). After thoroughly discussing with the patient the alternative options, it was decided to perform less invasive procedure by transcrestal elevation of nasal I floor combined with implant placement to support fixed prosthesis.

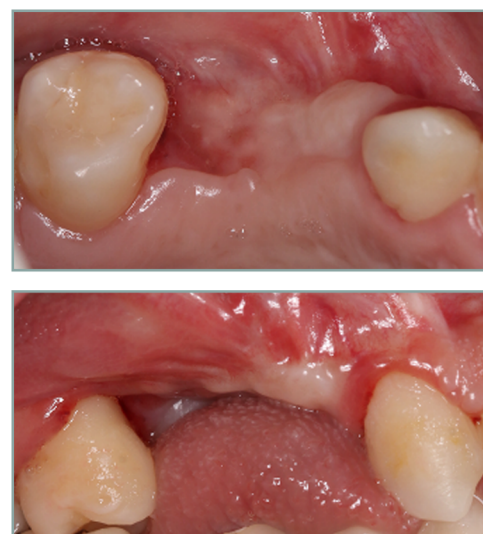


Figure 1

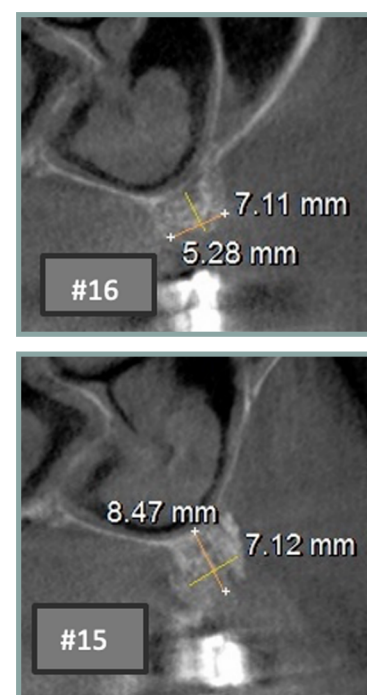


Figure 2

CASE REPORT

Nasal Floor Elevation with Simultaneous Implant Placement In Posterior Maxilla: A Case Report

Name of Author/s: Sharifa abdulwahab Alamer I , Nawaf Mansour Almutairi 2
Institute: Abha Specialized Dental Center, Ministry of Health , 2 Puplic Security Specialized Medical Center, Riyadh
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TREATMENT RESULTS

- The entire procedure was performed through an intraoral approach. The surgical technique included a full-thickness incision on the crest of the posterior maxillary ridge, followed by full thickless flap elevation.
- Implant osteotomy preparation with transrectal nasal floor elevations about 3 mm using osteotome (fig 3A). The nasal floor then filled with particulate cortico-cancellous allograft combined with simultaneous 4.2 x 8 mm dental implant placement, primary stability achieved then cover screw placed followed by augmentation using cortico-cancellous allograft and collagen membrane covered with tension free flap closure (fig 3b, c and).
- After a healing period of 4 months, second stage to fabricate splinted fixed implant-supported prosthesis was manufactured in conjunction with free gingival graft to increase keratinized tissue and thickness around dental implants (fig 4).
- The clinical, radiographic results after two years follow up showed successful implants with patient satisfaction functionally and esthetically (fig 5, A and B).

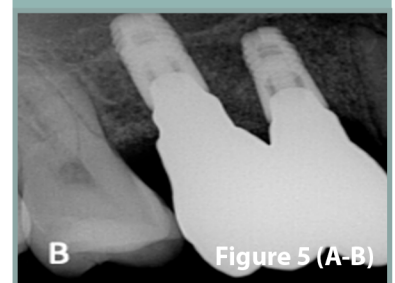
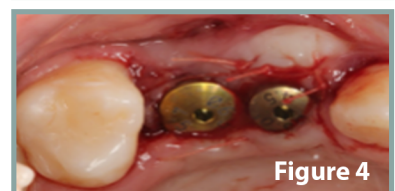
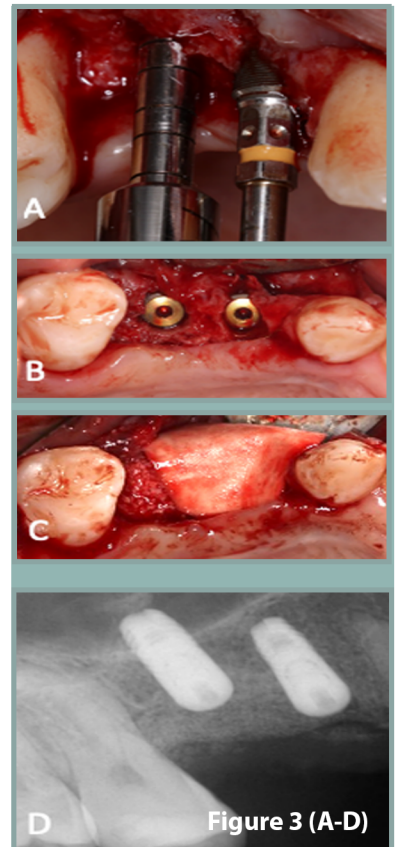
DISCUSSION

On rare occasion the inferior third part of the nasal cavity pneumatizes within the maxilla and resides over the alveolar residual ridge (Misch, 2008). When inadequate bone height is present below the structure; the transcrestal elevation of nasal floor providing the patients less morbidity procedures with reliable methods and high success rates. Moreover, nasal mucosa is thicker than sinus membrane and more resistant to accidental tears or perforations.

Possible complications described for nasal floor elevation include bleeding, hematoma, swelling, graft infection, and rhinitis. This approach is not recommended in patients with chronic rhinitis, recurrent epistaxis, or previous septum correction (Mazor Z 2012).

CONCLUSION

Nasal floor elevation in posterior maxilla might serve as a predictable, minimally invasive, alternative method for vertical bone augmentation which allows implant placement in areas with significant atrophy together with increased implant stability due to the bicortical support.



REFERENCE

1. Ziv Mazor, 2010, Nasal Floor Elevation Combined with Dental Implant Placement
2. Moustafa El-Ghareeb, 2012 Nasal Boor Augmentation for the Reconstruction of the Atrophic Maxilla: A Case Series
3. Jesus Torres Garcia-Denche, 2014 Nasal Floor Elevation for Implant Treatment in the Atrophic Premaxilla: A Within-Patient Comparative Study
4. Eduardo Anitua, 2021, Transalveolar elevation and implant placement: Long term followcase report and description of the technique

October to December 2023 SSPI Events

COURSE	REGISTERED ATTENDEES	DATE
Bone Augmentation by Using Blood Concentrates and Bone Substitute Materials with Guided Open Wound Healing	59	06 October 2023
Alkhobar Scientific Meeting for Periodontics and Dental Implant	172	06 October 2023
Guided Bone Regeneration: Keys to Success and Clinical Tips	162	13 October 2023
A Recent Update on Emerging Medical Conditions and It's Effects on Periodontal / Implant Surgeries	1007	14 October 2023
Soft Tissue Augmentation Around Teeth and Implants	23	19 October 2023
VISTA Technique for Coverage of Recessions Around Teeth and Implants (SAPI)	22	19 October 2023
Soft Tissue Consideration Around Teeth and Implants in Esthetic Rehabilitation (SAPI)	239	20 October 2023
Soft Tissue Management (SAPI)	24	20 October 2023
Multi Units-Treatment of the Edentulous Patients	57	21 October 2023
Almadinah Periodontics and Dental Implant Scientific Meeting	95	28 October 2023
Different Applications of Osseodensification in Implant Dentistry	1883	04 November 2023
Step by Step Digital Workflow for Anterior Immediate Implant Placement and Loading	34	16 November 2023
Bridging the Gap Between Prosthodontists, Restorative Dentists, and Periodontists: Let's Understand Each Other	243	17 November 2023
The Art of Feedback in Healthcare Clinical Setting	162	02 December 2023
Soft Tissue Grafting Techniques Around Teeth and Implants (SAPI)	33	07 December 2023
SAPI Jeddah: Expert Opinions on the Diagnosis and Management of Peri-Implantitis	247	08 December 2023
Different Surgical Therapeutic Strategies for Managing Peri-Implantitis (SAPI)	25	09 December 2023
Surgical Treatment of Peri-Implantitis : The Swedish Concept (SAPI)	25	09 December 2023
Conscious Sedation in Dentistry	137	09 December 2023
Basic Dental Implants, Precision Suturing, and Alveolar Ridge Preservation	18	15 December 2023
Application of Biologic Bone Materials in Extraction Sockets	30	15 December 2023

SCIENTIFIC ACTIVITY	NUMBERS CONDUCTED
Workshop	9
Course	6
Webinar	4
Forum	2



Riyadh

Soft Tissue Considerations Around Teeth and Implants in Esthetic Rehabilitation
1:00 PM - 09:00 PM | 20 October 2023 | Riyadh, Saudi Arabia

Speakers



PROF. GUSTAVO AVILA-ORTIZ
■ Professor in Periodontology and Implantology
■ Diplomate of the American Board of Periodontology



PROF. RICARDO KERN
■ Consultant in Periodontology, Implantology, and Soft Tissue Design and Reconstruction



DR. ALFONSO GIL
■ Consultant in Periodontology and Implantology
■ Diplomate of the American Board of Periodontology



Register Now

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VISTA Technique for Coverage of Recessions around Teeth and Implants | Minimally-invasive mucogingival surgery in soft tissue defects
08:00 AM - 06:00 PM | 19 OCTOBER 2023 | Movenpick Hotel, Riyadh, Saudi Arabia



DR. ALFONSO GIL

■ Consultant in Periodontology and Implantology
■ Diplomate of the American Board of Periodontology

Limited SEATS

Hands-on workshop

- The VISTA concept, is minimally invasive, and allows to treat soft tissue defects with a series of advantages that will be discussed in this workshop.
- VISTA has a wide variety of applications: root coverage on teeth, peri-implant mucosal dehiscence coverage, periodontal and peri-implant regeneration and soft tissue volume augmentation.
- This Course will offer hands-on, technical, and clinical experience with advanced VISTA applications for reconstruction of periodontal and peri-implant soft tissues.

REGISTRATION FEES

SSP MEMBERS	1300 SR
NON SSP MEMBERS	1700 SR
STUDENT MEMBER	900 SR
NON STUDENT MEMBER	1200 SR

TARGET AUDIENCE

Periodontists, General dentist, oral surgeons, oral maxillofacial surgeon, prosthodontist, restorative dentist, Oral implantologists

Special discount for postgraduate and resident students **20% off**



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SOFT TISSUE MANAGEMENT
20-21-22 OCTOBER 2023 | Movenpick Hotel, Riyadh, Saudi Arabia



PROF. RICARDO KERN

Firmly entrenched within the high aesthetic requirements of Brazilian dentistry, I am having focus my work on the demanding disciplines of soft tissue design and reconstruction. Vast experience in immediate implant placement with temporization, from single tooth to full arch rehabilitation. Have been invited to lecturing and to do training about the soft tissue (design, preservation and reconstruction) on several postgraduate courses as also congress and seminars from Latin America to overseas sultant in Periodontology, Implantology, and Soft Tissue Design and Reconstruction.

Ricardo Kern | 3 Days Course

First Day 20th Oct 2023 - 8am to 2 pm Theoretical

2nd/3rd Days 21st and 22nd Oct 2023 - 8 am - 6 pm Hands-on/Theoretical

FULLY BOOKED

Abstract

Prepare the surgeon to identify and classify aesthetic and phenotypes deficiencies in soft tissues around implants in order to apply the proper technique for each of the different groups. Also, as a primary goal, to show how to have a strategy for developing a healed site for placing implants in the aesthetic zone.



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Jeddah



DR. ALAIN ROMANOS

■ Assistant Professor and Consultant in Periodontology & Implantology
■ Diplomate of the American Academy of Periodontology

Limited SEATS

Hands-on workshop

Since its initial introduction more than 50 years ago, soft tissue grafting has been used more frequently in clinical settings to increase tissue thickness, restore an adequate width of keratinized tissue, treat mucogingival deformities, and enhance aesthetics at tooth and dental implant sites. The current workshop presents views on the developing field of periodontal and peri-implant soft tissue plastic surgery as well as the most recent evidence about soft tissue augmentation techniques.

OUTLINE

- Case presentations and five practical exercises on different soft tissue techniques as the following:
- Case Study on a challenging esthetic case
- Harvesting techniques: Tuberosity/ Distal wedge CTG / FGG
- Romanos's technique: VIP CT for better esthetics
- PET technique

REGISTRATION FEES	
SSP MEMBERS	1200 SR
NON SSP MEMBERS	1500 SR
STUDENT MEMBER	800 SR
NON STUDENT MEMBER	1100 SR

TARGET AUDIENCE:
Periodontists, Oral Implantologists, Oral Surgeons, Oral Maxillofacial Surgeons, General Dentists, Restorative Dentists, & Prosthodontists

■ Special discount for postgraduate and resident students 20% OFF.

6 CME ACCREDITED

Registration Link



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DR. ALBERTO MONJE

■ Assistant Clinical Professor and Consultant in Periodontics and Implant Dentistry
■ Diplomate of the American Board of Periodontics



DR. OLIVIER CARCUAC

■ Consultant in Periodontology and Implantology

Limited SEATS



DR. LATFIYA AL-HARTHI

■ Consultant in Periodontology



DR. ALAIN ROMANOS

■ Assistant Professor and Consultant in Periodontology & Implantology
■ Diplomate of the American Academy of Periodontology

TARGET AUDIENCE(S)

Specialists in Periodontology, Oral Surgery, and Restorative/ Prosthetic Dentistry.

Register link



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■ Assistant Clinical Professor and Consultant in Periodontics and Implant Dentistry
■ Diplomate of the American Board of Periodontics

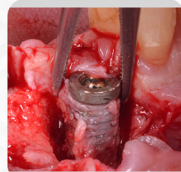
Limited SEATS

Hands-on workshop

Multiple therapeutic modalities have been advocated for the management of peri-implantitis. Nonetheless, the indications and the step-by-step procedure aiming at disease resolution are yet to be described. Decision making is mainly led by defect configuration, in addition to implant position and soft tissue characteristics.

Outline

- Morphologic characteristics
- Step-by-step procedure (Resective Vs. Reconstructive)
- Tips and pearls for successful management
- Rationale for decision making



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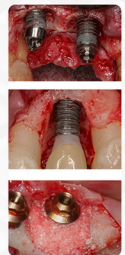
Register link



DR. OLIVIER CARCUAC

■ Consultant in Periodontology and Implantology

Limited SEATS



Hands-on workshop

Based on strong scientific evidence, this workshop will present the Swedish therapeutic concepts in the management of peri-implantitis. It will concentrate on flap design, key soft-tissue manipulation features, and suturing procedures that are critical in achieving the best results in surgical peri-implantitis treatment. The technique of soft-tissue volume grafting at peri-implantitis sites will also be demonstrated and practiced during the training.

Each participant will be (1) working on a unique specially designed typodont mimicking perfectly 3 different clinical situations and peri-implantitis severity, and (2) performing 3 different surgical techniques from respective to reconstructive approaches with bone and soft-tissue grafting procedures.

REGISTRATION FEES	
SSP MEMBERS	1500 SR
NON SSP MEMBERS	1500 SR
STUDENT MEMBER	1200 SR
NON STUDENT MEMBER	1400 SR

TARGET AUDIENCE:
Please check the registration page

- Special discount for postgraduate and resident students 20% OFF.
- Registration in this workshop will give you a free access to Main Jeddah SAPI 8th December 2023

Register link



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Register link













SSPI Upcoming Events 2024

International Events

Event	Institution	Title	Link to the Event	Date
2024 Annual Meeting	Academy of Osteointegration	Going beyond the boundaries: Optimizing patient care through scientific and clinical innovation		7 - 9 March, 2024

Domestic Events

Event	Institution	Title	Link to the Event	Date
Workshop	Saudi Society of Periodontology and Implant Dentistry	Guided Bone Regeneration for Everyday Practice		16 February 2024
Workshop	Saudi Society of Periodontology and Implant Dentistry	Advancement in Bone Regeneration and Periodontal Healing		01 March 2024
Workshop	Saudi Society of Periodontology and Implant Dentistry	Impacted Teeth Extraction with Piezo		01 March 2024

SSPI Upcoming Events 2024

SaudiPerio4

Oct 17-19 2024 Riyadh

— #SaudiPerio4 —

The 4th Saudi International Conference
in Periodontics & Implant Dentistry
المؤتمر السعودي الدولي الرابع
لأمراض وجراحة اللثة وزراعة الأسنان

October 17 to 19, 2024, Riyadh, Saudi Arabia

**STAY
TUNED**

Newly Released to the Saudi Market

1. Company: Biodent

Product: Fixture & Screw Remover Kit Assorted kits of components needed to remove failed implant fixture and fractured screw in simple and safe way.

FIXTURE & SCREW REMOVER KIT **SD-FSR**

Assorted kits of components needed to remove failed implant fixture and fractured screw in simple and safe way.



Saudi Society of Periodontology and Implant Dentistry

The Saudi Society of Periodontology is a professional scientific society that was established following the approval of the Board of Trustees of the Saudi Commission for Health Specialties, chaired by His Excellency the Minister of Health on Thursday, 16 Ramadan 1439H, corresponding to 31 May 2018.

In 2023, it was a big leap for the society as it was approved to have its new name ...

The Saudi Society of Periodontology and Implant Dentistry

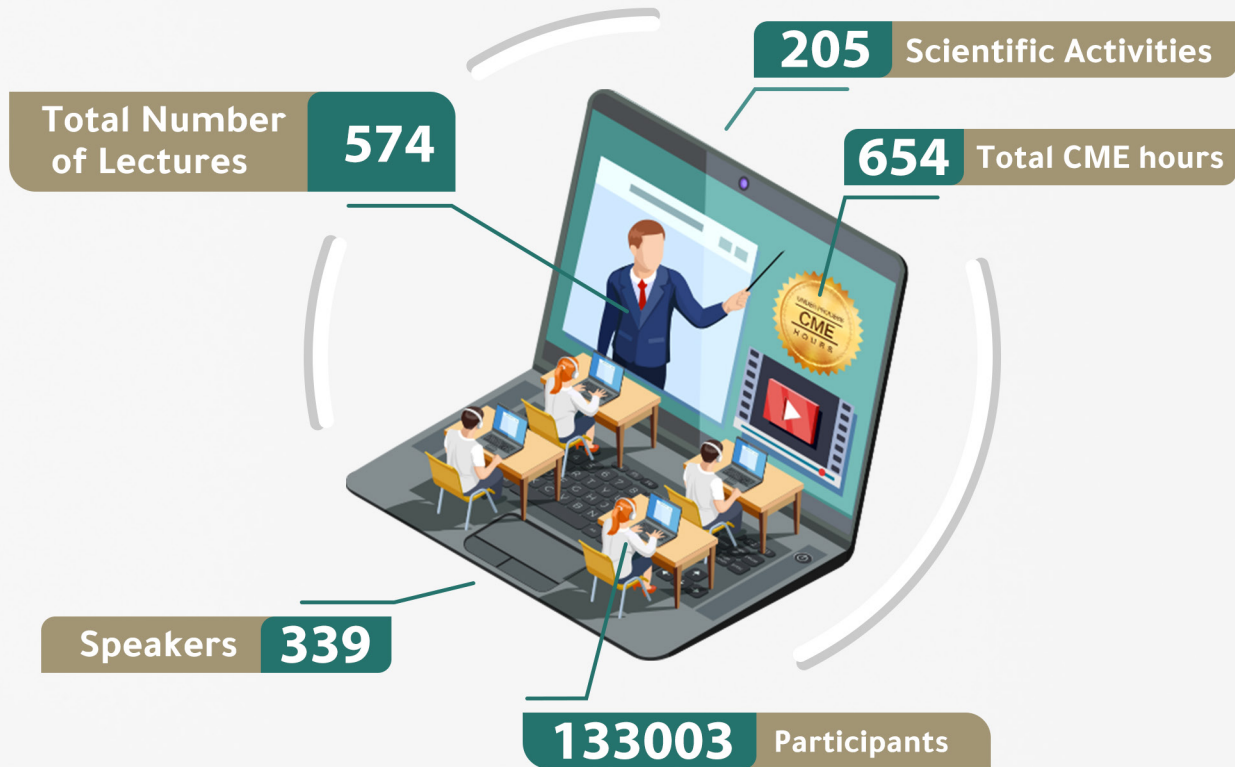
OLD



NEW



Our Achievement in Field





Saudi Society of Periodontology and Implant Dentistry

Digital media



900K
Profile Visits

4125
Tweets

25M
Impressions

13.1K
New Followers



11M
Page reach

3125
Post

190K
Page visits

7K
Page likes



12M
Page Reach

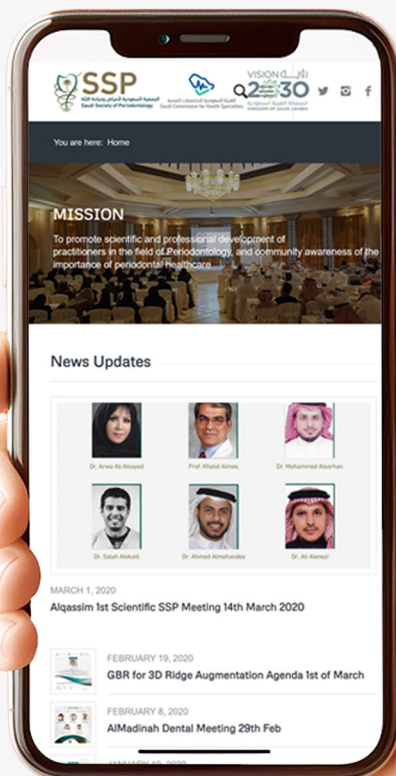
3125
Post

12.7K
New Followers

250K
Profile visits

New SSP Professional website

Feb-Dec 2023



47 SCIENTIFIC ACTIVITIES

14K REGISTRATION PROCESS

8K CERTIFICATES

12K USERS

700 ACTIVE MEMBERS