PREFACE



Consensus report of DGI/SEPA/Osteology Workshop

The importance of the dimensions and composition (keratinized versus non-keratinized epithelium) of the peri-implant mucosa has been the focus of recent research. The purpose of this consensus meeting was to elucidate key issues related to the peri-implant soft tissues relevant to the maintenance of health and esthetic outcomes in implant dentistry. A further aim was to evaluate the efficacy of soft tissue reconstructive surgical interventions using autogenous soft tissue grafts or

soft tissue substitutes, including the coverage of buccal peri-implant soft tissue dehiscence defects.

Forty-three experts from three scientific organizations, the German Association of Oral Implantology (DGI), the Spanish Society of Periodontology and Osseointegration (SEPA), and the Osteology Foundation (OF), collaborated to participate in this unique consensus meeting (Table 1 and Figure 1). The three organizations have a

TABLE 1 Working group titles, systematic reviews, group chairs, authors, and consensus conference participants

	Working Group 1 Peri-implant keratinized mucosa	Working Group 2 Peri-implant soft tissue thickness	Working Group 3 Peri-implant buccal soft tissue dehiscence defects
Systematic Review 1	Influence of width of keratinized tissue on the prevalence of peri-implant diseases: A systematic review Ramanauskaite et al. (2022)	The influence of thin as compared with thick peri-implant soft tissues on esthetic outcomes: A systematic review and meta-analysis. Bienz et al. (2022)	Buccal soft tissue dehiscence defects at dental implants- associated factors and frequency of occurrence: A systematic review and meta-analysis Sanz-Martin et al. (2022)
Systematic Review 2	Efficacy of soft tissue substitutes, in comparison with autogenous grafts, in surgical procedures aiming to increase the peri-implant keratinized mucosa. A systematic review. Montero et al. (2022)	Efficacy of soft tissue augmentation procedures on tissue thickening around dental implants. A systematic review and meta-analysis. Valles et al. (2022)	Effectiveness of soft tissue augmentation procedures for coverage of buccal soft tissue dehiscence around dental implants: a systematic review Soetebeer et al. (2022)
Chair	Frank Schwarz	Ronald Jung	Adrian Guerrero
Chair	Mariano Sanz	José Nart	Bilal Al Nawas
Author	Ausra Ramanauskaite	Stefan Bienz	Ignacio Sanz-Martin
Author	Eduardo Montero	Cristina Vallès	Maren Soetebeer
Participants	Franck Renouard	Nikos Donos	Anton Sculean
	Istvan Urban	Christer Dahlin	Giovanni Zucchelli
	Pamela McClain	Ignacio Sanz-Sánchez	Mario Rocuzzo
	Andrés Pascual	Nerea Sanchez	Lisa Heitz-Mayfield
	Alberto Monje	Antonio Liñares	Ion Zabalegui
	David Herrera	Alberto Ortiz-Vigón	Juan Blanco
	Robert Sader	Dietmar Weng	Vanessa Ruiz-Magán
	Eik Schiegnitz	Gergard Iglhaut	Florian Beuer
	Ana Molina	Christian Hammächer	Markus Schlee
	Elena Figuero		Henning Schliephake
		Daniel Thoma	
		Kathrin Becker	

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FIGURE 1 Consensus conference participants

TABLE 2 Information about the three scientific organizations providing financial and organizational support for the consensus meeting

German Association of Oral Implantology (DGI)

The German Association of Oral Implantology (DGI) is currently the largest professional organization for dental implants in Europe. As a non-profit organization, the DGI is not bound to commercial interests. The goal of the association is to set the gold standard in continuing education in oral implantology.

Spanish Society of Periodontology and Osseointegration (SEPA)
Founded in 1959, the Spanish Society of Periodontology and
Osseointegration is a scientific non-profit organization focused
on promoting continuing education for dental professionals and
information for patients through the SEPA Foundation. SEPA is
not bound to commercial interests.

Osteology Foundation (OF)

The Osteology Foundation is a global organization that supports science, research training, and education in the field of oral tissue regeneration. The objective is to develop and share knowledge and understanding, leading to evidence-based clinical practice for the improvement of patient care.

common goal of providing evidence-based education through research in the field of implant dentistry and oral tissue regeneration (Table 2).

Six systematic reviews were prepared, reviewed, and accepted for publication in Clinical Oral Implants Research prior to the consensus meeting (Bienz et al., 2022; Montero et al., 2022; Ramanauskaite et al., 2022; Sanz-Martin et al., 2022; Soetebeer et al., 2022; Valles et al., 2022). Participants were allocated to one of three working

groups for discussion and preparation of the consensus reports. Due to the challenges of scheduling a consensus group meeting during the COVID-19 pandemic, several online meetings were held to enable participants to discuss the findings of the systematic reviews and to formulate questions to be addressed during the consensus conference. Literature searches were updated by the authors of the individual systematic reviews 2 months prior to the consensus conference.

The consensus conference was held on March 19–21st, 2022, at the Parador in the historic city of Alcalá de Henares, Spain.

Group 1 (Figure 2) addressed (1) the influence of the width of keratinized tissue on the prevalence of peri-implant diseases and (2) the efficacy of soft tissue substitutes, in comparison with autogenous grafts, in surgical procedures aiming to increase the peri-implant keratinized mucosa.

Group 2 (Figure 3) addressed (1) the influence of thin as compared to thick peri-implant soft tissues on esthetic outcomes and (2) the efficacy of soft tissue augmentation procedures on tissue thickening around dental implants.

Group 3 (Figure 4) addressed (1) buccal soft tissue dehiscence defects at dental implants- associated factors and frequency of occurrence and (2) the effectiveness of soft tissue augmentation procedures for the coverage of buccal soft tissue dehiscence around dental implants.

Consensus reports for each working group were prepared and presented to the plenum for further discussion prior to acceptance. The consensus reports included the main findings of each systematic review, consensus statements, implications for clinical practice, and future research.



FIGURE 2 Working group 1 participants



FIGURE 3 Working group 2 participants

In this special issue of Clinical Oral Implants Research, the systematic reviews and corresponding consensus reports for each of the three working groups are published.

We hope this publication will be of value to clinicians and assist in their decision-making for the benefit of their patients.

AUTHOR CONTRIBUTION

Mariano Sanz-Alonso: Project administration; Writing – original draft (equal); Writing – review & editing (equal). Lisa JA Heitz-Mayfield: Conceptualization (equal); Project administration (equal); Writing – review & editing (equal).



FIGURE 4 Working group 3 participants

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CONFLICT OF INTEREST

Mariano Sanz is an honorary board member of the Osteology Foundation and past president of SEPA. Lisa Heitz-Mayfield is a board member of the Osteology Foundation. This does not lead to any conflict of interest with regard to the content of this article or the content of the workshop.

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connective tissue, Consensus, decision-making, dental implants, epithelium, esthetics, mucosa, mucositis, patients, peri-implant disease, peri-implantitis, prevalence, tissue grafts

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