



World Workshop on Oral Medicine VII: Editorial

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BACKGROUND

The World Workshop on Oral Medicine (WWOM) concept was developed in the mid-1980s by Professor Sir David Mason (University of Glasgow Dental School) and Dr. Dean Millard (University of Michigan School of Dentistry). Their goal was to bring together a group of international experts in oral medicine to review the literature on important topics in this field and propose future directions. The American Dental Association headquarters in Chicago was the site for the first three World Workshops, which took place in 1988, 1993, and 1998. These early Workshops concentrated upon four narrative literature reviews on clinical topics, with a fifth topic focusing on future patterns of health care in oral medicine and dental education (Mason, 1989; Perspectives on 2nd World Workshop on Oral Medicine, 1995; Perspectives on 3rd World Workshop on Oral Medicine, 2000).

The World Workshop on Oral Medicine IV, V, and VI were held in Puerto Rico (2006), London (2010), and Orlando (2014), respectively, and concentrated upon systematic reviews on clinical topics. Over this 12-year period, these three Workshops have collectively provided a forum for the collaboration of more than 250 faculty across more than 25 countries. The positive impact of the publications generated across WWOM IV and V was analyzed in 2014 (Peterson et al., 2015). Adding the papers from WWOM VI shows a sustained and ever-increasing impact. These three Workshops have generated

a total of 35 published papers (including three editorials), and as of February 12, 2019, there have been 1800 citations, and an H index of 21 (Table 1 and Figure 1).

The World Workshop on Oral Medicine VII was thus designed to capitalize upon this rich legacy and further strategically advance the field of Oral Medicine. In this context, and before embarking on preparations for WWOM VII, we developed a survey instrument to poll past WWOM faculty in the hope of understanding the impact of WWOM on their careers from participation in Workshops IV, V, and VI. In this Supplement, Brailo et al. provide a summary of the results of this survey, which demonstrates the positive impact, not only from a publication perspective, but also across a number of other domains.

WORLD WORKSHOP ON ORAL MEDICINE VII

Following the pattern of alternating WWOM between the United States and Europe, we held WWOM VII in Gothenburg, Sweden, in conjunction with the European Association of Oral Medicine meeting in September 2018. The Steering Committee members selected a broad list of possible topics for this Workshop and subsequently polled the international oral medicine community to help refine the list to eight topics.

TABLE 1 Bibliometric performance of World Workshop on Oral Medicine (WWOM) output (source Scopus searched February 14, 2019)

	Source	No. of papers	Citations	Mean citations (range)	H index
WWOM IV	OOO 2007	12	964	80.3 (5–2245)	11
	OOO 2007 (without editorial)	11	959	87.2 (13–245)	11
WWOM V	Oral Dis 2011 + extra	10	587	58.7 (3–179)	9
	Oral Dis 2011 + extra (without editorial)	9	584	64.9 (15–179)	9
WWOM VI	OOOO 2015 + extra	13	249	19.1 (0–83)	8
	OOOO 2015 + extra (without editorials)	12	249	20.7 (2–83)	8
WWOM IV + V + VI	OOO 2007 + Oral Dis 2011 + OOO 2015 + extra	35	1800	51.4 (0–245)	21
	OOO 2007 + Oral Dis 2011 OOO 2015 + extra (without editorials)	32	1792	56.0 (2–245)	21

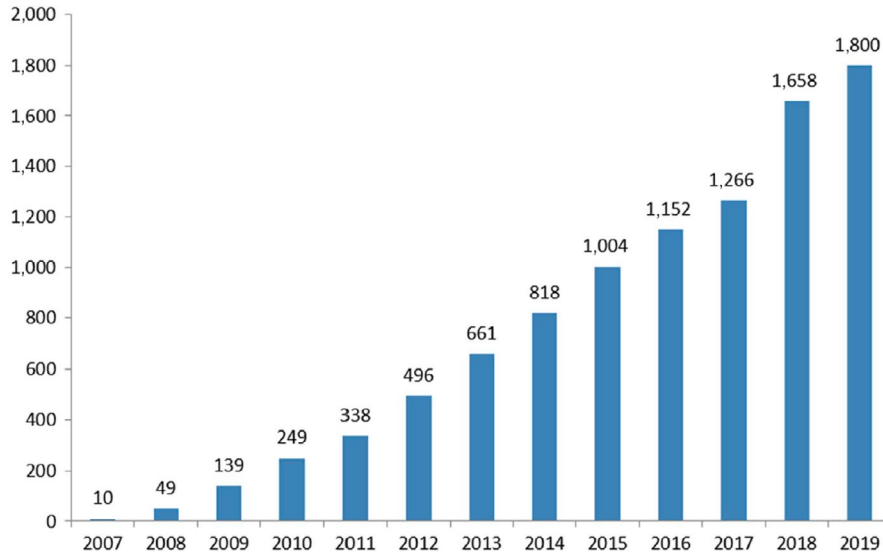


FIGURE 1 Total citations from 2007 to 2019 for papers published from World Workshop on Oral Medicine IV (2006)/V (2010)/VI (2014).



FIGURE 2 Steering Committee. Front row (left to right): Siri Beier Jensen (Denmark), Peter Lockhart (USA), Giovanni Lodi (Italy), and Ross Kerr (USA). Back row (left to right): Douglas Peterson (USA), Tim Hodgson (UK), and Martin Greenberg (USA)



FIGURE 3 Group 1 (Oral Microbiome). Front row (left to right): Dalit Porat (Israel) Reviewer, Jairo Robledo-Sierra (Colombia) Reviewer, Elena Varoni (Italy) Reviewer, and Roxanne Bavarian (USA) Reviewer. Back row (left to right): Douglas Peterson (USA) Steering Liaison, Ellen Frandsen Lau (Denmark) Group Head, Sahar Mirfarsi (USA) Observer, and Ross Kerr (USA) Steering Liaison. Absent: Bruce Paster (USA) Consultant, William Wade (UK) Consultant, and Janne Simonsen (Denmark) Librarian



FIGURE 4 Group 2 (Precision Medicine). Front row (left to right): Ingrid Glurich (USA) Group Head, Konstantina Delli (Netherlands) Reviewer, David Ojeda (USA) Assistant Reviewer, and Alessandro Villa (USA) Reviewer. Back row (left to right): Siri Beier Jensen (Denmark) Steering Liaison, Douglas Peterson (USA) Steering Liaison, Arjan Vissink (Netherlands) Consultant, Camile Farah (Australia) Consultant, and Antonio Celentano (Australia) Reviewer. Absent: Wenche Borgnakke (USA) Consultant

The process of faculty selection for WWOM VII closely mirrored the methods used in previous Workshops (Lockhart et al., 2015). The Steering Committee (Figure 2) selected group leaders for each topic

who were experts on the topic with leadership experience and assigned 1–2 steering liaisons to each group. We then launched an international competition for the selection of two reviewers (typically

early to mid-career oral medicine specialists) and two assistant reviewers (recent graduates of oral medicine programs and present oral medicine trainees) per group. Applicants who were not ultimately

selected as faculty were offered an opportunity to attend WWOM VII as observers, 1-2 for each group. In addition, we were fortunate to be awarded an NIH/NIDCR R13 Conference grant that helped bring



FIGURE 5 Group 3 (Molecular Biology). Front row (left to right): Ruwan Jayasinghe (Sri Lanka) Reviewer, Monica Pentenero (Italy) Reviewer, and Tami Yap (Australia) Observer. Back row (left to right): Alexander R. Kerr (USA) Steering Liaison and Camile Farah (Australia) Consultant Absent: Ilias Alevizos (USA) Group Head, Leah Bowers (USA) Assistant Reviewer, and Sok Ching Cheong (Malaysia) Consultant



FIGURE 6 Group 4 (Use of Biologics in Oral Medicine). Front row (left to right): Katherine France (USA) Reviewer, Luiz Gueiros (Brazil) Reviewer, Jacqueline Mays (USA) Reviewer, and Barbara Carey (UK) Reviewer. Back row (left to right): Muhammad Ali Shazib (USA) Observer, Tom Sollecito (USA) Consultant, Martin Greenberg (USA) Steering Liaison, Scott DeRossi (USA) Group Head, Jane Setterfield (UK) Consultant, Wesley Sherrell (USA) Observer, and Amrita Gokhale (Australia) Observer. Absent: Rachael Posey (USA) Librarian, Donna Culton (USA) Consultant, Aimee S. Payne (USA) Consultant, and Sook Bin Woo (USA) Consultant



FIGURE 7 Group 5 (Consensus on Outcome Measures for Burning Mouth). Front row (left to right): Cibele Nasri-Heir (USA) Consultant, Anura Ariyawardana (Australia) Reviewer, Arwa Farag (Saudi Arabia) Reviewer, and Lina Mejia (USA) Observer. Back row (left to right): Giovanni Lodi (Italy) Steering Liaison, Siri Beier Jensen (Denmark) Steering Liaison, Andrea Sardella (Italy), Michele Mignona (Italy) Consultant, and Craig Miller (USA) Group Head. Absent: Rui Albuquerque (UK) Assistant Reviewer, Milda Chmieliauskaite (USA) Assistant Reviewer, Heli Forssell (Finland) Consultant, Gary D. Klasser (USA) Consultant, and Charles R. Carlson (USA) Consultant



FIGURE 8 Group 6 (Future of Oral Medicine). Front row (left to right): Akhilanand Chaurasia (India) Reviewer, Jaisri Thoppay (USA) Reviewer, Philippa Greer (New Zealand) Reviewer, and Emma Hayes (UK) Reviewer. Back row (left to right): Ross Kerr (USA) Steering Liaison, Abdulhameed Alsarraf (Kuwait) Observer, Eric Stoopler (USA) Consultant, Marco Carrozzo (UK) Consultant, Mark Drangsholt (USA) Group Head, and Tim Hodgson (UK) Steering Liaison



FIGURE 9 Group 7 (Medically Necessary Dental Care). Front row (left to right): Janina Christoforou (Australia) Reviewer, Jumana Karasneh (Jordan) Reviewer, Maddalena Manfredi (Italy) Reviewer, and Bella Dave (UK) Reviewer. Back row (left to right): Peter Lockhart (USA) Steering Liaison, Pedro Diz Dios (Spain) Consultant, Lauren Patton (USA) Group Head, and Martin Greenberg (USA) Steering Liaison. Absent: Jennifer Walker (USA) Librarian, Daniela Percudani (Italy) Librarian, Joel Epstein (USA) Consultant, Michael Glick (USA) Consultant, and Vandeeep Kumar (UK) Consultant



FIGURE 10 Group 8 (Pediatric Oral Medicine). Front row (left to right): Tim Hodgson (UK) Steering Liaison, Catherine Hong (Singapore) Group Head, Christine Nadeau (Canada) Reviewer, and Giovanni Lodi (Italy) Steering Liaison. Back row (left to right): Amanda Phoon (Australia) Observer, Andres Pinto (USA) Consultant, David R. Dean (USA) Reviewer, Sabine Jurge (UK) Consultant, and Katrusha Hall (Australia) Reviewer

five U.S.-based oral medicine residents to the Workshop as observers. In addition to these collective individuals, consultants (i.e., academics from multiple disciplines who are considered topic authorities) were later selected by each group. This overall approach resulted in a

Workshop faculty of 96 individuals (of which 68 attended the two-day meeting in Gothenburg) representing 22 countries and spanning five continents. The faculty were divided into eight groups (Figures 3–10): Group 1: Oral Microbiome; Group 2: Precision Medicine; Group 3:

Molecular Biology; Group 4: Use of Biologics in Oral Medicine; Group 5: Consensus on Outcome Measures for Burning Mouth; Group 6: Future of Oral Medicine; Group 7: Medically Necessary Dental Care; and Group 8: Pediatric Oral Medicine.

The eight groups began their work in 2016. In most groups, the reviewers led the literature review process and were helped by the assistant reviewers. Together, they coordinated the development of the draft reports, supervised closely by the group leader, who also coordinated the consultants' reviews of the manuscripts drafts. The penultimate draft of all manuscripts was brought to the WWOM VII for an intensive, 2-day discussion in the closed WWOM VII meeting that took place at the Gothenburg Dental Society on September 22–24, 2018. Summaries from each group were presented at the European Association of Oral Medicine meeting on Saturday, September 28, 2018. During and immediately after the Workshop, each of the groups refined their manuscripts to a final draft for submission to a special edition of *Oral Diseases*.

We are delighted to have in this Supplement the initial fifteen manuscripts stemming from the more than two years of work by these groups. These papers serve as definitive works on these eight topics, and they will help to inform the need for further basic science and clinical research. Finally, it is our ultimate hope that the experiences gained by the Workshop participants, in particular the junior faculty and those in oral medicine training, will encourage and enhance their career development as academics and research leaders in this specialty.

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