

World Workshop on Oral Medicine VII

Editorial:

A. Ross Kerr, Martin S. Greenberg, Tim Hodgson, Siri Beier Jensen, Peter Lockhart, Giovanni Lodi, Douglas E. Peterson

Abstract:

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 [1], [2], [3].

WWOM 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 [4]. 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 3 editorials), and as of February 12th 2019 there have been 1800 citations, and an H index of 21 (Table 1 and Figure 1).

WWOM 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.

WWOM VII:

Following the pattern of alternating WWOM between USA 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.

The process of faculty selection for WWOM VII closely mirrored the methods used in previous workshops [5]. The Steering Committee (Figure 2) selected group leaders for each topic who were

1
2
3 experts on the topic with leadership experience and assigned 1-2 steering liaisons to each group. We
4 then launched an international competition for the selection of two reviewers (typically early to mid-
5 career oral medicine specialists) and two assistant reviewers (recent graduates of oral medicine
6 programs and present oral medicine trainees) per group. Applicants who were not ultimately selected
7 as faculty were offered an opportunity to attend WWOM VII as observers, 1-2 for each group. In
8 addition, we were fortunate to be awarded an NIH/NIDCR R13 Conference grant that helped bring five
9 U.S.-based oral medicine residents to the Workshop as observers. In addition to these collective
10 individuals, consultants (i.e. academics from multiple disciplines who are considered topic authorities)
11 were later selected by each group. This overall approach resulted in a Workshop faculty of 96
12 individuals (of which 68 attended the two day meeting in Gothenburg) representing 22 countries and
13 spanning five continents. The faculty were divided into eight groups (Figures 3-10): Group 1: Oral
14 Microbiome; Group 2: Precision Medicine; Group 3: Molecular Biology; Group 4: Use of Biologics in
15 Oral Medicine; Group 5: Consensus on Outcome Measures for Burning Mouth; Group 6: Future of
16 Oral Medicine; Group 7: Medically Necessary Dental Care; and Group 8: Pediatric Oral Medicine.
17
18
19

20
21 The eight groups began their work in 2016. In most groups the reviewers led the literature
22 review process and were helped by the assistant reviewers. Together they coordinated the development
23 of the draft reports, supervised closely by the group leader, who also coordinated the consultants'
24 reviews of the manuscripts drafts. The penultimate draft of all manuscripts were brought to the WWOM
25 VII for an intensive, two-day discussion in the closed WWOM VII meeting that took place at the
26 Gothenburg Dental Society on September 22-24, 2018. Summaries from each group were presented at
27 the European Association of Oral Medicine meeting on Saturday September 28th 2018. During and
28 immediately after the Workshop, each of the groups refined their manuscripts to a final draft for
29 submission to a special edition of Oral Diseases.
30
31

32 We are delighted to have in this Supplement the initial fifteen manuscripts stemming from the
33 more than two years of work by these groups. These papers serve as definitive works on these 8 topics
34 and they will help to inform the need for further basic science and clinical research. Finally, it is our
35 ultimate hope that the experiences gained by the Workshop participants, in particular the junior faculty
36 and those in oral medicine training, will encourage and enhance their career development as academics
37 and research leaders in this specialty.
38
39

40 The WWOM VII Steering Committee gratefully acknowledges the following
41 organizations and companies that provided financial support for WWOM VII: American
42 Academy of Oral Medicine, European Association of Oral Medicine, The British Society for Oral
43 Medicine, The National Institute of Dental and Craniofacial Research, Oral Diseases, Henry
44 Schein Cares Foundation, Colgate Palmolive, Xerostom, Afx, The World Dental Education
45 Foundation, and Unilever.
46
47
48

49 Martin S. Greenberg, DDS, FDS RCSEd
50 University of Pennsylvania School of Dental Medicine
51 Philadelphia, PA, USA
52

53
54 Tim Hodgson, BDS, MB BS, FDS, FDS (OM), RCS, MRCP (UK), FGDP (UK)
55 Eastman Dental Hospital
56 London, England
57

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36
37
38
39
40
41
42
43
44
45
46
47
48
49
50
51
52
53
54
55
56
57
58
59
60

Siri Beier Jensen, DDS, PhD
Aarhus University, Department of Dentistry and Oral Health
Aarhus, Denmark

A. Ross Kerr, DDS, MSD
New York University College of Dentistry
New York, NY, USA

Peter B. Lockhart, DDS, FDS RCSEd, FDS RCPS
Carolinas Medical Center
Charlotte, NC, USA

Giovanni Lodi, DDS, PhD
Università degli Studi di Milano
Milan, Italy

Douglas E. Peterson, DMD, PhD, FDS RCSEd
University of Connecticut School of Dental Medicine
Farmington, CT, USA

References:

- [1] Mason D. First Oral Medicine World Workshop - June 1988. Journal of oral pathology & medicine. 1989;18:18-20.
- [2] Perspectives on 2nd World Workshop on Oral Medicine 1st ed. Ann Arbor, MI: Continuing Dental Education, School of Dentistry, University of Michigan; 1995.
- [3] Perspectives on 3rd World Workshop on Oral Medicine, Ann Arbor, MI: Continuing Dental Education, University of Michigan; 2000.
- [4] Peterson DE, Lodi G, Beier Jensen S, Greenberg MS, Hodgson T, Kerr AR, et al. Report on World Workshops on Oral Medicine (WWOM) IV and V: research themes and citation impact: WWOM VI steering committee. Oral Diseases. 2015;21:409-16.
- [5] Lockhart P, Peterson D, Kerr R, Beier Jensen S, Greenberg M, Lodi G, et al. Sixth World Workshop on Oral Medicine: historical context. Oral surgery, oral medicine, oral pathology and oral radiology. 2015;120:125-31.

Table:

Table 1. Bibliometric performance of World Workshop on Oral Medicine (WWOM) output (source Scopus searched February 14th 2019)

Figures:

Figure 1. Total citations from 2007-2019 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), Ross Kerr (USA). Back row (left to right): Douglas Peterson (USA), Tim Hodgson (UK), 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, Roxanne Bavarian (USA) Reviewer. Back row (left to right): Douglas Peterson (USA) Steering Liaison, Ellen Frandsen Lau (Denmark) Group Head, Sahar Mirfarsi (USA) Observer, Ross Kerr (USA) Steering Liaison. Absent: Bruce Paster (USA) Consultant, William Wade (UK) Consultant, 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, 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, Antonio Celentano (Australia) Reviewer. Absent: Wenche Borgnakke (USA) Consultant.

Figure 5: Group 3 (Molecular Biology)

Front row (left to right): Ruwan Jayasinghe (Sri Lanka) Reviewer, Monica Pentenero (Italy) Reviewer, Tami Yap (Australia) Observer. Back row (left to right): Ross Kerr (USA) Steering Liaison, Camile Farah (Australia) Consultant

Absent: Ilias Alevizos (USA) Group Head, Leah Bowers (USA) Assistant Reviewer, 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, 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, Amrita Gokhale (Australia) Observer. Absent: Rachael Posey (USA) Librarian, Donna Culton (USA) Consultant, Aimee S. Payne (USA) Consultant, Sook Bin Woo (USA) Consultant,

Figure 7: Group 5 (Consensus on Outcome Measures for Burning Mouth)

1
2
3 Front row (left to right): Cibele Nasri-Heir (USA) Consultant, Anura Ariyawardana (Australia)
4 Reviewer, Arwa Farag (Saudi Arabia) Reviewer, Lina Mejia (USA) Observer. Back row (left to right):
5 Giovanni Lodi (Italy) Steering Liaison, Siri Beier Jensen (Denmark) Steering Liaison, Andrea Sardella
6 (Italy), Michele Mignona (Italy) Consultant, Craig Miller (USA) Group Head. Absent: Rui
7 Albuquerque (UK) Assistant Reviewer, Milda Chmieliauskaite (USA) Assistant Reviewer, Heli
8 Forssell (Finland) Consultant, Gary D. Klasser (USA) Consultant, Charles R. Carlson (USA)
9 Consultant.
10
11

12 Figure 8: Group 6 (Future of Oral Medicine)

13 Front row (left to right): Akhilanand Chaurasia (India) Reviewer, Jaisri Thoppay (USA) Reviewer,
14 Philippa Greer (New Zealand) Reviewer, Emma Hayes (UK) Reviewer. Back row (left to right):
15 Ross Kerr (USA) Steering Liaison, Abdulhameed Alsarraf (Kuwait) Observer, Eric Stoopler (USA)
16 Consultant, Marco Carrozzo (UK) Consultant, Mark Drangsholt (USA) Group Head, Tim Hodgson
17 (UK) Steering Liaison.
18
19
20

21 Figure 9: Group 7 (Medically Necessary Dental Care)

22 Front row (left to right): Janina Christoforou (Australia) Reviewer, Jumana Karasneh (Jordan)
23 Reviewer, Maddalena Manfredi (Italy) Reviewer, Bella Dave (UK) Reviewer. Back row (left to right):
24 Peter Lockhart (USA) Steering Liaison, Pedro Diz Dios (Spain) Consultant, Lauren Patton (USA)
25 Group Head, Martin Greenberg (USA) Steering Liaison. Absent: Jennifer Walker (USA) Librarian,
26 Daniela Percudani (Italy) Librarian, Joel Epstein (USA) Consultant, Michael Glick (USA)
27 Consultant, Vandeeep Kumar (UK) Consultant.
28
29
30

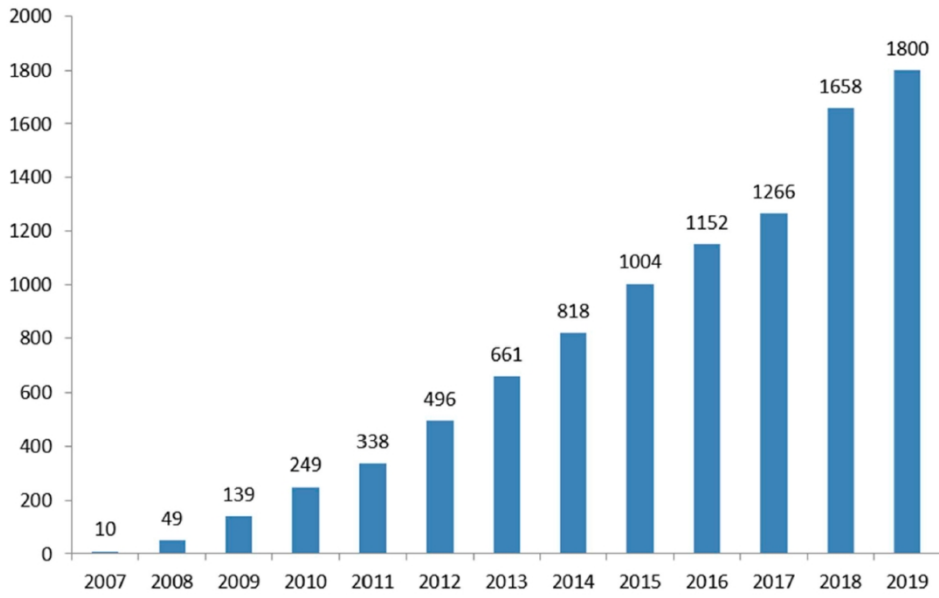
31 Figure 10: Group 8 (Pediatric Oral Medicine)

32 Front row (left to right): Tim Hodgson (UK) Steering Liaison, Catherine Hong (Singapore) Group
33 Head, Christine Nadeau (Canada) Reviewer, Giovanni Lodi (Italy) Steering Liaison. Back row (left to
34 right): Amanda Phoon (Australia) Observer, Andres Pinto (USA) Consultant, David R. Dean (USA)
35 Reviewer, Sabine Jurge (UK) Consultant, Katrusha Hall (Australia) Reviewer.
36
37
38
39
40
41
42
43
44
45
46
47
48
49
50
51
52
53
54
55
56
57
58
59
60

Table 1. Bibliometric performance of World Workshop on Oral Medicine (WWOM) output (source Scopus searched February 14th 2019)

	Source	N 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

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36
37
38
39
40
41
42
43
44
45
46
47
48
49
50
51
52
53
54
55
56
57
58
59
60



See in body of manuscript

115x71mm (300 x 300 DPI)

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36
37
38
39
40
41
42
43
44
45
46
47
48
49
50
51
52
53
54
55
56
57
58
59
60



See in body of manuscript

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36
37
38
39
40
41
42
43
44
45
46
47
48
49
50
51
52
53
54
55
56
57
58
59
60



See in body of manuscript

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36
37
38
39
40
41
42
43
44
45
46
47
48
49
50
51
52
53
54
55
56
57
58
59
60



See in body of manuscript

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36
37
38
39
40
41
42
43
44
45
46
47
48
49
50
51
52
53
54
55
56
57
58
59
60



See in body of manuscript



See in body of manuscript

127x95mm (300 x 300 DPI)

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36
37
38
39
40
41
42
43
44
45
46
47
48
49
50
51
52
53
54
55
56
57
58
59
60



See in body of manuscript

127x95mm (300 x 300 DPI)

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36
37
38
39
40
41
42
43
44
45
46
47
48
49
50
51
52
53
54
55
56
57
58
59
60



See in body of manuscript

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36
37
38
39
40
41
42
43
44
45
46
47
48
49
50
51
52
53
54
55
56
57
58
59
60



See in body of manuscript

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36
37
38
39
40
41
42
43
44
45
46
47
48
49
50
51
52
53
54
55
56
57
58
59
60



See in body of manuscript