Bone Study Group (BSG) Minutes, MASCC/ISOO Symposium, Washington 2017

Friday, June 23, 2017. Time: 14.00-15.00 pm, Hall: Executive Room

Members present:

	Profession	Email	Country
1. Ourania Nicolatou-Galitis (Chair)	DDS	nicolatou.galitis@hotmail.com	Greece
2. Winston Tan (co-chair)	MDonc	tan.winston@mayo.edu	USA
3. Beatrice Edwards	MD	BJEdwards2400@gmail.com	USA
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10. Yehuda Zadik	DDS	yzadik@gmail.com	Israel
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12. Giulia Ottaviani	DDS	OTTAVIANIGIULIA7@GMAIL.COM	Italy
13. Takashi Yurikusa	DDS	t.yurikusa@scchr.JP	Japan
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16. Cherry Estilo	DDS	estiloc@mstecc.org	USA
17. Eduardo Fregnaui	DDS	eduardofregnaui@MC.com	Brasil
18. Jane Atkinson	DDS		USA
19. Dena Fischer	DDS		USA
20. Lauren Levi	DDS	Lelevi86@gmail.com	USA
21. Ariel Blanchard	DDS	ariel.blanchard@gmail.com	USA
22. Wanessa Miranda Silva	DDS	wmawanessa@yahoo.com.br	Brasil
23. Mette Marcussen	OMFS specialist	mette.marcussen@rn.dk	Denmark
24. Allan Hovan	DDS	ahovan@bccancer.bc.ca	Canada
25. Tanya Rouleau	DDS	tanrou@hotmail.com	Canada
26. Debbie Saunders	DDS	dsaunders@hsnsudbury.ca	Canada
27. Joel Epstein			USA
28. Cesar Migliorati	DDS	emigliorati@dental.ull.edu	USA
29. Bente Brokstad Herlofson	DDS	b.b.herlofson@odont.uio.no	Norway
30. Kristine Eidal Tanem	DDS	k.e.tanem@odont.uio.no	Norway
31. Francisco Linares	Orthopedic-oncologist	flinares@javeriana.edu.co	

MINUTES, per the Agenda

1. Ourania Nicolatou-Galitis welcomed the members.

2. Minutes from last year Adelaide MASCC/ISOO meeting in June 2016 were approved.

3. Reports from Chair and Vice-chairs:

Wiston Tan, Vice-Chair:

Dr Tan pointed out that all members should participate through teleconferences and proposed 3 future projects:

1. A review on the general approach of management of bone metastases(management of pain, recent treatments, radiation, methodology).

2. Potential risk for ONJ with the use of bisphosphonates and denosumab, toxicity to patients with bone metastases, guidelines to clinicians on how long/how often they should administrate antiresorptives.

Dr Ourania Nicolatou-Galitis proposed the collaboration with the Oral Care Study Group on this project.

3. Monitoring complications from aromatase inhibitors.

Dr Tan will search, with invitation letters and communication, to find which MASCC member could undertake the leading role to initiate the above projects.

Beatrice Edwards, Vice-Chair:

Dr Edwards pointed out that survivors face problems with late adverse events. There is increasing awareness on the incidence of fractures (there are many underdiagnosed fractures).

Some of the studies that Dr. Edwards has proposed are:

1. Epidemiology of fractures in cancers (beyond breast and prostate cancer). Review of the effect of fracture on mortality in cancer patients. Such studies will likely result in a reformulation of bone health guidelines in an effort to include all cancer patients

2. Vitamin D and cancer: Vitamin D has positive skeletal and non-skeletal functions. Vitamin D blocks three pathways for development of neoplasia: there are decreased levels of vitamin D in women with breast Ca and increased levels in women with breast Ca who are under treatment.

Dr. Edwards will search. with invitation letters and communication, to find which MASCC member could undertake the leading role to initiate the above projects.with the volunteers to undertake the review projects.

Related to the project, which Dr Edwards had undertaken «Vitamin D in individuals with cancer. Effect on musculoskeletal and oral health. Fractures and quality of life in cancer patients»», she informed the Group that the part that is missing refers to vitamin D deficiency and its impact on oral health and asked for volunteers.

The names of the volunteers were written down in a list. Cesar Migliorati volunteered to help on what is missing from the publication for vitamin D.

Dr. Edwards will communicate with the volunteers to complete the review project.

Ourania Nicolatou-Galitis, Chair, reported on the systematic review on osteonecrosis of the jaw, specific clinical questions, for which she had the leading role:

The review started in January 2015. The main key question was to do or not to do the dental extraction during or after antiresorptive therapy. She presented two cases of ONJ to highlight the unclarity and uncertainty on this important matter.

The literature search included articles from 2009 to 2016 and all the articles with mixed populations (cancer patients and osteoporosis) were excluded.

6.146 abstracts were evaluated and 106 full articles were selected. One article was sent for calibration to all reviewers. 63 articles were finally included.

Of the 63 articles:

Seven articles were related to dental extractions. Level of evidence was low: Level III evidence was assessed in 2 articles, level IV in 3 articles and level V in 2 articles.

Forty-two articles were related to ONJ management and 14 were related to targeted therapies. Level of Evidence was low in most papers: Level V was assessed for 43 articles, level IV for 14 and level III for 6.

Thirty articles were excluded because of mixed cancer and osteoporosis patients were evaluated together, 9 were duplicated and 6 were not relevant.

Important clinical information, as advised by bone experts at the initiation of the project, Professors Jean-Jacques Body and Cathrine van Poznac, such as the performance status, active chemotherapy and other oncology treatment, were missing from most papers in the literature.

Other important missing information was: time to onset of ONJ, reason for dental extraction, use of antibiotics, drug discontinuation. All those missing information might be attributed to a lack of increased collaboration between clinicians.

Ourania proposed to write 3 articles based on this systematic review for ONJ:

1. To do or not to do the dental extraction
2. How to manage when ONJ develops
3. ONJ related to targeted therapies

Assistant leaders to Ourania were asked in writing each article, as follow:

(a) Giulia Ottavianni volunteered for the Dental extractions article.

(b) Mette Marcussen volunteered for the ONJ management article.

(c) Kivanc Bektas Kayhan volunteered for the article related to ONJ and targeted therapies. Tan Winston and Joel Epstein volunteered to contribute to this article.

Sharon Elad, Yehuda Zadic and other members of the BSG offered their contributions in the different parts of the ONJ review.

Yehuda also volunteered to contribute on a review paper on ONJ risk factors in cancer patients. He was addressed to Debbie Saunders, Oral Care Study Group.

An interesting discussion followed on different points, such as:

- Debbie Saunders informed the members that Oral Care Study Group will announce a consensus statement in winter. There is a protocol in ASCO about how to make consensus/expert opinion. She suggested that the two Study Groups, OCSG and BSG should make the consensus together and write the articles separately.

- Sharon Elad asked what is the difference between periodontitis and osteomyelitis.

  Debbie Saunders said that periodontitis should be confirmed before the beginning of ONJ and that a pocket is a symptom that may be confounding.

  Cesar Migliorati suggested that bone biopsies should be performed especially in cases with no exposed bone.

  Ourania Nicolatou-Galitis said that guidelines to clinicians would be useful to be released on the performance of alveolar bone biopsy at the time of dental extraction.

- Beatrice Edwards proposed that BSG should change name to Bone and musculoskeletal Study Group in order to bring more attendants and in particular physicians.

  Ourania asked her to write a paragraph to elaborate and describe in more detail the reason for this change of the name of the Group.

  Ourania pointed out that most of the attendants were dental professionals, with an interest on osteonecrosis of the jaw, while the physicians were only 3. Cesar Migliorati promised to work with MD in order to attract them to the group.

  Ourania pointed out that collaborators could be attracted with the BSG projects and reviews. At this point, as shown in the list of the attendants, page 1, most of the BSG members in the room are dental professionals. The Medical Doctors, Vice-Chairs of the BSG could work to the direction of attracting medical health care professionals to the BSG.

- Tan Winston asked from the members to collect data on bone side effects of immunotherapy and to send them to him by email in order to make a report in 2018.

Not having further issues to be discussed, Ourania Nicolatou-Galitis, Winston Tan and Beatrice Edwards thanked all members and the meeting was adjourned.

We thank Dr Erofili Papadopoulou, who wrote the minutes for the BSG.

Ourania Nicolatou-Galitis, Winston Tan, Beatrice Edwards for the Bone Study Group.