**Additional file 1**

*Survey questionnaire for the current status of Gerodontology education in Europe*

(pdf format of the electronic questionnaire developed by A. Kossioni et al.)

**GENERAL INFORMATION**

1. **Full name of the University / Dental School**
2. **Country**
3. **Name, position and email address of the dental school's contact person**
4. **Telephone of the dental school's contact person**
5. **Website of the dental school**
6. **How many years is the duration of the undergraduate dental studies at your dental school?**
   - Four years
   - Five years
   - Six years
   - Other (please explain)….
7. **Is your dental school public or private?**
   - Public
   - Private
   - Other (please explain)….
8. **Official teaching language at your dental school**
9. **How many dental schools are there in your country?**
10. **Is Gerodontology a recognized specialty in your country?**
    - Yes
    - No
    - Don't know
    - Other (please explain)….
11. **Are there any dentists specialising in Gerodontology in your country?**
    - Yes
    - No
    - Don't know
    - Other (please explain)….
12. **Is there a Gerodontology Scientific Association in your country?**
    - Yes
    - No
    - Don't know
    - Other (please explain)….

©2016 Anastassia Kossioni, Gerry McKenna, Frauke Müller, Martin Schimmel, and Jacques Vanobbergen
If yes,

13. If you can, please provide the name of the Gerodontology Association in your country

14. If you can, please provide the web address of the Gerodontology Association in your country

UNDERGRADUATE GERODONTOLOGY TEACHING

15. Is Gerodontology being taught at the undergraduate studies?
   - Yes
   - No
   - Other (please explain)....

If no,

16. Do you consider starting undergraduate Gerodontology teaching soon?
   - Yes
   - No
   - Don’t know
   - Other (please explain)....

17. Is there a specific Gerodontology Department/Division/Unit at your dental school?
   - Yes
   - No
   - Other (please explain)....

If yes,

18. Please type the name of the Gerodontology Department/Division/Unit in your own language

19. Please type the name of the Gerodontology Department/Division/Unit in English

20. Which is the Department/Division/Unit of the Programme Director?
   - Gerodontology
   - Special Care Dentistry
   - Prosthodontics
   - Preventive and Community Dentistry
   - Other (please explain)....

21. What is the formal training of the Gerodontology Programme Director?
   - Gerodontology
   - Special Care Dentistry
   - Prosthodontics
   - Preventive and Community Dentistry
   - Other (please explain)....
22. **Is Gerodontontology an elective or a compulsory (required) course according to your curriculum?**
   - Elective
   - Compulsory (required)
   - Only some parts of the course are compulsory (i.e. the theoretical component).

23. **If only some parts of the course are compulsory, please offer more details....**

24. **How many years is Gerodontontology taught at the undergraduate curriculum at your dental school? ...**

25. **Is Gerodontontology taught as an independent course?**
   - Yes
   - No
   - Other (please explain)....

26. **Is Gerodontontology teaching integrated in other disciplines' courses?**
   - Yes
   - No
   - Other (please explain)....

   *If yes,*

27. **Which discipline(s) include Gerodontontology teaching?**
   - Prosthodontics
   - Preventive and Community Dentistry
   - Special Care Dentistry
   - Operative Dentistry
   - Periodontology
   - Oral and Maxillofacial Surgery
   - Oral Pathology
   - Endodontics
   - Other (please explain)....

28. **What is the composition of the Gerodontontology Educators?**
   - Dentists
   - Physicians
   - Nurses
   - Psychologists
   - Social workers
   - Other (please explain)....
29. **What are the teaching disciplines of the Dental Educators in the Gerodontology course?**
   - Gerodontology
   - Prosthodontics
   - Special Care Dentistry
   - Preventive and Community Dentistry
   - Operative Dentistry
   - Periodontology
   - Oral and Maxillofacial Surgery
   - Endodontics
   - Other (please explain)….

30. **In which semester(s) is Gerodontology taught?** (If your school offers an introductory year, then the 1st semester is the one officially starting the dental studies)
   - 1st semester
   - 2nd semester
   - 3rd semester
   - 4th semester
   - 5th semester
   - 6th semester
   - 7th semester
   - 8th semester
   - 9th semester
   - 10th semester
   - 11th semester
   - 12th semester
   - Other (please explain)….

31. **Does Gerodontology teaching have a theoretical component?**
   - Yes
   - No
   - Other (please explain)….
32. **How is theoretical training delivered?**
   - Lectures
   - Small group seminars
   - Problem-based teaching
   - Occasional lectures throughout the curriculum
   - Information embedded in other courses’ lectures and seminars
   - E-learning
   - Blended learning (e-learning + face to face teaching)
   - Research projects
   - Other (please explain)….

33. **What are the theoretical topics in Gerodontology teaching at your school?**
   - Demographics
   - Barriers to oral care
   - Biology, physiology, psychology of ageing
   - Medical problems in old age
   - Pharmacology and polypharmacy in old age
   - Association between general and oral health in the elderly population
   - Epidemiology of oral health in the elderly population
   - Age-changes of the orofacial system
   - Communication skills
   - Nutritional/chewing problems in old age
   - Interdisciplinary (interprofessional) management of the ageing individual
   - Legal issues (ie. ability to consent)
   - Ethical aspects
   - Recording history
   - Risk assessment in the ageing individual
   - Salivary impairment/ xerostomia
   - Periodontal disease in old age
   - Denture related conditions and prosthodontic management in old age
   - Caries risk assessment, particularly root caries
   - Tooth wear assessment
   - Endodontic assessment
   - Oral mucosal diseases in old age
   - Patient centered oral health care planning
• Appropriate management of oral and dental conditions for each patient according to the individual needs and demands
• Management of people with compromised health and various levels of dependency
• Principles and practice of domiciliary care
• Principles and practice of palliative care
• Oral health education on an individual and community based level
• Other (please explain)….

34. **Does Gerodontology teaching have a pre-clinical component?**
   • Yes
   • No
   • Other (please explain)….

35. **If your undergraduate Gerodontology curriculum includes a pre-clinical component, please specify…**

36. **Does Gerodontology teaching have a clinical component?**
   • Yes
   • No
   • Other (please explain)….

   *If, yes:*

37. **Is clinical training compulsory or elective?**
   • Compulsory
   • Elective
   • Other (please explain)….

38. **Where is clinical Gerodontology training delivered?**
   • In the Dental School, in a dedicated Gerodontology clinic
   • In the Dental School, embedded in other disciplines’ clinics
   • In Geriatric Hospitals
   • In Nursing homes
   • In Older people Day Centers
   • In patients’ houses after house calls (Domiciliary Care)
   • In Community clinics
   • In Mobile units
   • Other (please explain)….
39. What is the content of Gerodontology clinical training?
   - Oral health care plan
   - Dentures assessment, repairs and/or fabrication
   - Fixed Prosthodontics provision
   - Oral health prevention and education
   - Caries management
   - Endodontic treatment
   - Periodontal treatment
   - Dental implants provision
   - Teeth extractions
   - Follow-up and recall
   - Other (please explain)....

40. Are you familiar with the European College of Gerodontology (ECG) undergraduate curriculum guidelines (Gerodontology 2009;26(3):165-71)?
   - Yes
   - No
   - Other (please explain)....

41. What type of educational material do you use in Gerodontology teaching?
   - PowerPoint Presentations
   - Video display
   - E-learning material
   - Portfolio
   - Webinars
   - Lecture Notes
   - Printed Textbooks
   - E-Books
   - Scientific Articles
   - Other (please explain)....

POSTGRADUATE GERODONTOLOGY TEACHING

42. Is Gerodontology being taught in the postgraduate curriculum at your dental school?
   - Yes
   - No
   - Other (please explain)....
43. Do you consider starting Gerodontology teaching at the postgraduate curriculum soon?
   - Yes
   - No
   - Don’t know
   - Other (please explain)....

44. Is there a dedicated Gerodontology postgraduate course offered at your dental school?
   - Yes
   - No
   - Other (please explain)....

45. Is postgraduate training in Gerodontology offered at your dental school embedded in other postgraduate courses?
   - Yes
   - No
   - Other (please explain)....

   If yes,

46. If Gerodontology is embedded in other postgraduate courses, please specify:
   - Prosthodontics
   - Special Care Dentistry
   - Preventive and Community Dentistry
   - Operative Dentistry
   - Periodontology
   - Oral Pathology
   - Oral and Maxillofacial Surgery
   - Endodontics
   - Other (please explain)....

47. Do you run any Continuing Education Courses in Gerodontology at your dental school?
   - Yes
   - No
   - Other (please explain)....
GERODONTOLOGY EDUCATIONAL MATERIAL

48. Is there any Gerodontology educational material developed and published in your country (eg. textbooks, lecture notes, e-learning material etc)?
   - Yes
   - No
   - Don’t know
   - Other (please explain)…..

49. If you wish, please add more details about the Gerodontology educational material published in your country…

ADDITIONAL DETAILS

50. Please provide your role and title (Head/Faculty/Administration, etc) ….

51. If you wish, please add any additional thoughts or comments on the questionnaire…..

52. If you wish, please provide the name, title and email address of the Faculty/Educator responsible for Gerodontology teaching at your dental school to facilitate communication with the European College of Gerodontology…..

Many thanks for taking the time to complete this questionnaire