

## Online Supplementary Content 2: Additional Survey Results

### Respondents

*With our search string we identified 643 eligible papers with 333 unique corresponding authors. Of the 333 unique corresponding authors, 66 of them agreed to participate in our survey, representing 233 out of the 643 eligible papers (36.3%).*

*For 48 out of the 233 articles (20.1%) authors declared a role of social media in their development; moreover, 21 of the 66 respondents declared a role of social media in at least one article. The role was identified by the corresponding authors as below described:*

I had the initial background from a SoMe post/paper **16**

I developed the idea with other collaborators on SoMe **17**

Paper we peer-reviewed before submission from colleagues in my SoMe network. **2**

I knew some collaborators on SoMe **27**

### Overall Baseline characteristics

#### 1. Age

**40 (IQR 37.25-45)**

#### 2. Gender

2.1 Male **46 (69.7%)**

2.2 Female **20 (30.3%)**

#### 3. In which country is your center based?

Australia **1 (1.5%)**

Brasil **2 (3.0%)**

Canada **2 (3.0%)**

Chile **1 (1.5%)**

Denmark **1 (1.5%)**

Egypt **2 (3.0%)**

France **2 (3.0%)**

India **5 (7.6%)**

Ireland **1 (1.5%)**

Italy **13 (19.7%)**

Japan **1 (1.5%)**

Kazakhstan **1 (1.5%)**

Macedonia **1 (1.5%)**

Morocco **1 (1.5%)**

Oman **1 (1.5%)**

Poland **1 (1.5%)**

Portugal **1 (1.5%)**

South Korea **2 (3.0%)**

Sweden **1 (1.5%)**

Turkey **17 (25.8%)**

UK **2 (3.0%)**

USA **7 (10.6%)**

4. What is your main work environment?
- University hospital **50 (75.8%)**
  - Specialized public hospital **5 (7.6%)**
  - District/community hospital **2 (3.0%)**
  - Private hospital **6 (9.0%)**
  - Private practice **1 (1.5%)**
  - Government hospital for veterans only **1 (1.5%)**
  - No Answer **1 (1.5%)**
5. What is your current working position?
- Head of staff **6 (9.0%)**
  - Consultant **38 (57.6%)**
  - Fellow **4 (6.1%)**
  - General practitioner **6 (9.0%)**
  - Allied professional **3(4.5%)**
  - Assistant Professor **5 (7.6%)**
  - Full Professor **2 (3.0%)**
  - No Answer **1 (1.5%)**
  - Resident **1 (1.5%)**

Results for Questions 6 and 7 are presented in the main article text.

### Overall Social Media Use

8. Which sentence describes best your relationship with SoMe platforms?
- I do not use SoMe at all **5**
  - I am a passive user (passively follow SoMe, do not create any content) **20**
  - I am an active user who seldom creates content **30**
  - I am a daily active SoMe user **10**
  - No Answer **1**
9. In which SoMe platforms do you have an active account that you use for professional purposes? Please consider as active every account you access at least once a week. (check all that applies)
- Twitter **21**
  - Facebook **28**
  - Linkedin **17**
  - Instagram **16**
  - TikTok **0**
  - YouTube **19**
  - Personal blogs **0**
  - ResearchGate **40**
  - Ifland **1**
  - Kakaotalk **1**
10. How many hours do you spend on average on SoMe per week? (please provide an estimate based on your phone recorded data).
- Median 5 (IQR 2-10)**

11. How many times do you post any original content on average on your favourite SoMe platform per week?

**Median 1 (IQR 0-1)**

12. Do you use SoMe platforms for professional and private purposes?

I only use SoMe for professional purposes **5**

I only use SoMe for private purposes **3**

I use SoMe for both professional and private purposes **51**

I do not use SoMe **2**

No Answer **1**

13. Do you have different accounts for professional and private purposes?

Yes **14**

No **40**

No Answer **3**

14. Why are you using SoMe for professional purposes right now? (check the three most important aspects for you)

14.1 Update on recent publications **36**

14.2 Update on national and international congresses (online session) **22**

14.3 Update on national and international congresses (on-demand session) **7**

14.4 Congress live coverage/breaking scientific news from SoMe **10**

14.5 Share clinical data with colleagues **15**

14.6 Breaking scientific news from colleagues **15**

14.7 Rare/interesting clinical cases **12**

14.8 Follow lectures/webinars/tweetorials on specific topics **16**

14.9 Networking **28**

14.10 Contact Patients **1**

15. How easy is it for you to create, maintain or improve professional networking through SoMe when compared with traditional alternatives (live contact, phone, email)? (Likert scale)

**Median 3 (IQR 2-5)**