

Supplement 1: Survey prior to the introduction of tablets

1. How many years of your radiology residency have you completed?

- A. 0–1 years
- B. 1–2 years
- C. 3–4 years
- D. 4–5 years

2. Male/Female

3. Do you currently use a tablet?

- A. Yes, often
- B. Yes, sometimes
- C. No, never

4. If yes, do you use the tablet for clinical purposes or for your education?

- A. Yes, often
- B. Yes, sometimes
- C. No

5. What are your main sources of facts/knowledge at present?

- A. Books
- B. e-books
- C. Google
- D. Scientific articles
- E. Specific home pages
- F. Colleagues
- G. Other

6. Please specify which books, websites or databases you use:

7. How do you prefer to study?

- A. Reading based on cases I have assessed or at random
- B. Reading from the radiology section I am placed on
- C. Reading a book/e-book from cover to cover regardless of which radiology section I am placed on
- D. Other (specify)

8. In any given week, how much time do you spend studying radiology during working hours?

- A. 0–1 hour
- B. 1–3 hours
- C. 3–6 hours
- D. 6–10 hours
- E. > 10 hours

9. In any given week, how much time do you spend studying radiology outside working hours?

- A. 0–1 hour
- B. 1–3 hours
- C. 3–6 hours
- D. 6–10 hours
- E. > 10 hours

10. What learning resources do you presently lack?

- A. Books
- B. e-books
- C. Scientific articles
- D. Anatomy sources
- E. Recordings of local lectures
- F. Self-tests, e.g., RADPrimer
- G. Database of cases (i.e., whole surveys such as Teaching Files)
- H. Other
- I. None

11. Do you think a tablet could help you in your education? If so, please specify how.

12. If not, what would you prefer?

A. Own computer at the clinic

B. More printed books

C. Other

13. If so, which tablet do you prefer?

14. Do you have any thoughts, comments, tips, etc. regarding the project?

15. Which size of tablet would you prefer?

A. 7.9 inch (iPad Mini)

B. 9.7 inch (iPad)

Supplement 2: Survey at follow-up after the introduction of tablets

Background

1. How many years have passed in your radiology residency?

- A. 0–1 years
- B. 1–2 years
- C. 3–4 years
- D. 4–5 years

2. Male/Female

3. How do you prefer to study?

- A. Reading based on cases I have assessed or at random
- B. Reading from the radiology section I am placed on
- C. Reading a book/e-book from cover to cover regardless of which radiology section I am placed on
- D. Other (specify)

4. Did you use a tablet before you were assigned one through this project?

- A. Yes, often
- B. Yes, sometimes
- C. No, never

5. If yes, did you use the tablet for clinical purposes or for your education?

- A. Yes, often
- B. Yes, sometimes
- C. No

6. What size of iPad do you have?

- A. Large, iPad Air
- B. Small, iPad Mini

7. Are you satisfied with that size?

- A. Yes
- B. No, too big
- C. No, too small

8. Was there a need for more training/information about how the tablet and the recommended applications work?

- A. Yes, it was a problem that I didn't get it
- B. Yes, it would have been good, but I've got started well anyway
- C. No

9. If yes, how would you have liked to get that information?

10. Have you had technical problems with your tablet or its use? Please describe if so.

Study time

11. In any given week, how much time have you spent on studying radiology during working hours since you got your tablet?

- A. 0–1 hour
- B. 1–3 hours
- C. 3–6 hours
- D. 6–10 hours
- E. > 10 hours

12. In any given week, how much time have you spent studying radiology outside working hours since you got your tablet?

- A. 0–1 hour
- B. 1–3 hours

- C. 3–6 hours
- D. 6–10 hours
- E. > 10 hours

13. How has the tablet affected how much time you spend studying radiology per week?

- A. I am studying much more now
- B. I am studying a bit more now
- C. The time remains unchanged
- D. I study less than before
- E. I got a tablet almost as soon as I started my radiology residency, so I have nothing to compare with

14. How often have you used the tablet in your work/studies? Choose the most suitable option

- A. 3 days/week or more
- B. 1–2 days/week
- C. 1–3 days/month
- D. Once
- E. Never

Questions about tablet content

15. How often do you use RADPrimer?

- A. Often, several times per week
- B. Once/several times a month
- C. Used it once
- D. Tried it but don't use it
- E. Have not tried it
- Q. Other: _____

16. What do you think of RADPrimer? Should we keep it? What is good? What is missing? If you don't use it, why not?

17. How often do you use STATdx?

- A. Often, several times per week
- B. Once/several times a month
- C. Used it once
- D. Tried it but don't use it
- E. Have not tried it
- Q. Other: _____

18. What do you think of STATdx? What is good? Should we keep it? What is missing? If you don't use it, why not?

19. How often do you use IMAIOS e-Anatomy?

- A. Often, several times per week
- B. Once/several times a month
- C. Used it once
- D. Tried it but don't use it
- E. Have not tried it
- Q. Other: _____

20. What do you think of IMAIOS e-Anatomy? What is good? Should we keep it? What is missing? If you don't use it, why not?

21. Have you used the e-book *Fundamentals Of Diagnostic Radiology*?

- A. Yes, often or periodically
- B. Sometimes
- C. Have not read it

- D. Did not receive the license code, unable to try
E. Other: _____

22. What did you think of the e-book *Fundamentals Of Diagnostic Radiology*?

- A. Good
B. Poor
C. Do not know/have not read it

23. Why do you think so? What was good/bad? Should new residents get it? Do you prefer any other book?

24. Suggestions for other e-books that should be on the tablets? Is there any particular topic that you think needs to be covered by an e-book?

25. Which of the apps that needed to be pre-paid by you and later reimbursed by the clinic have you downloaded?

- A. Radiology Assistant
B. Good Reader
C. Notability
D. None

26. If you have not downloaded any of these apps, why not?

27. Select the Apps/Services/e-books that you use and benefit from

- A. RADPrimer
B. STATdx
C. IMAIOS e-Anatomy
D. GoodReader
E. Notability
F. Radiology Assistant
G. *Fundamentals of Diagnostic Radiology*

Summary issues

28. How did you use the tablet? Several options can be selected

- A. In daily work, e.g., during an emergency
B. During course/lectures to read handout/PDF from the lectures
C. During course/lectures to record
D. When studying (to record)
E. Saving and reading articles
F. Reading e-books
G. e-Anatomy
H. As an encyclopedia
I. STATdx
J. RADPrimer
K. Watching videos related to radiology
L. Listening to lectures or other teaching material
M. I did not using it at work or for studying
N. Other:

29. What application/service/feature has had the GREATEST impact on your radiology training since you got the tablet?

RADPrimer, STATdx, IMAIOS E-Anatomy, *Fundamentals of Diagnostic Radiology*, Notability, GoodReader, Radiology Assistant

30. Which of the following resources has had the LEAST impact on your radiology training since you got the tablet?

RADPrimer, STATdx, IMAIOS E-Anatomy, *Fundamentals of Diagnostic Radiology*, Notability, GoodReader, Radiology Assistant

31. How do you feel that the quality/effectiveness of your training has been affected by the tablet?

- A. Much better

- B. A little better
- C. Unchanged
- D. Worse

32. To what extent has the tablet facilitated access to educational materials?

- A. High degree
- B. Low degree
- C. Not at all

33. How has the experience of studying radiology changed since you got the tablet?

- A. It is more fun/better now
- B. It remains unchanged
- C. It is worse now

34. How do you mainly search for knowledge currently? Several options can be selected

- A. Printed books
- B. e-books
- C. Specific home page
- D. Google
- E. Ask colleagues
- F. Scientific articles
- G. Lectures/videos, e.g., YouTube
- H. STATdx
- I. RADPrimer
- J. Other

35. Please name some of your sources of knowledge

36. What do you lack at present in terms of learning resources?

- A. Books
- B. e-books
- C. Scientific articles
- D. Anatomy sources
- E. Recordings of internal lectures
- F. Self-tests, e.g., RADPrimer
- G. Database of cases (i.e. whole surveys such as Teaching Files)
- H. Nothing
- I. Other ____ (in...) ____

37. Comments, requests, suggestions Do you have any thoughts or suggestions about the survey, the project, or anything else? Are you missing any specific app?

38. Would you recommend the tablet with the current content to a colleague/new physician?

- A. Yes
- B. No
- C. I do not know

39. When did you receive your tablet? (*only asked in the last evaluation*)

- A. Spring 2015
- B. Fall 2015
- C. Spring 2016