1. How old are you? ________________ years

2. What is the name of the manufacturer/operating system of your smartphone?
   A [ ] iPhone (apple)          B [ ] Android (e.g. Samsung, htc)  C [ ] Windows
   D [ ] other                  E [ ] unknown

3. Do you use a mobile internet connection (mobile data) on your smartphone or only a wifi-connection?
   A [ ] mobile data            B [ ] wifi only

4. Do you need assistance in using your smartphone?
   A [ ] never                   B [ ] rarely
   C [ ] sometimes              D [ ] frequently
   E [ ] always

5. Who assists you in using your smartphone?
   A [ ] children/grandchildren  B [ ] partner/family
   C [ ] friends/acquaintances  D [ ] professional personnel
   E [ ] others (please specify) ________________

6. How would you describe your skills in using your smartphone?
   A [ ] minimal                B [ ] basic
   C [ ] solid                  D [ ] advanced

7. Please categorize your usage habits regarding your smartphone:
   A [ ] voice calls, instant messaging, whatsapp
   B [ ] ... additionally taking pictures, web browsing
   C [ ] ... additionally social media, facebook
   D [ ] ... intensive app use, more than 10 apps downloaded and installed

8. Have you ever used your smartphone for health-related reasons?
   A [ ] yes                     B [ ] no
   Please specify: ________________________________________________

9. How helpful would you regard the use of a security-certified smartphone app for additional support during radiotherapy?
   A [ ] very helpful            B [ ] helpful
   C [ ] undecided
   D [ ] wenig hilfreich         E [ ] nicht hilfreich

10. Please indicate useful features and functionality of such an application from your point of view (multiple selections allowed):
    A [ ] appointment-making for radiotherapy and medical consultations
    B [ ] general queries regarding well-being
    C [ ] specific queries regarding well-being and symptoms in the context of radiotherapy
         and the illness being treated
    D [ ] other: ____________________________

11. Would you regard it as helpful to use such an application after therapy completion (during follow-up) to stay in touch with your treating physicians?
12. Would you regard it as helpful to be contacted by a physician if medical warning signs were detected?

A very helpful  B helpful  C undecided  D not very helpful  E not helpful

13. Please indicate useful features and functionality of such an application after therapy completion (during follow-up) from your point of view (multiple selections allowed):

A appointment-making for medical consultations
B general queries regarding well-being
C specific queries regarding well-being and symptoms in the context of radiotherapy and the illness being treated
D reminder for upcoming exams and visits
E other: _______________________________________________________

14. What interval would you favor for answering short application-based queries regarding your well-being and possible symptoms?

A daily  B every other day  C weekly  D at the beginning and completion of therapy  E only as required

15. What interval would you favor for consulting a physician during radiotherapy?

A daily  B every other day  C weekly  D at the beginning and completion of therapy  E only as required

16. Please indicate the maximum acceptable waiting period for receiving daily radiotherapy.

A 5 minutes  B 10 minutes  C 15 minutes  D 30 minutes  E 45 minutes

17. Spontaneous consultations with a physician pose an organizational challenge and are thus associated with waiting time. Please indicate the maximum acceptable waiting period for such a spontaneous consultation.

A 5 minutes  B 10 minutes  C 15 minutes  D 30 minutes  E 45 minutes

18. Do you generally have the feeling to be understood by medical personnel regarding your requests and concerns?

A always  B mostly  C sometimes  D rarely  E never
19. Does medical personnel generally take enough time to inquire about all aspects you feel are relevant to your requests and concerns?
   - A [ ] always
   - B [ ] mostly
   - C [ ] sometimes
   - D [ ] rarely
   - E [ ] never

20. Would you regard it as helpful to answer a short query regarding relevant symptoms and information prior to consulting a physician and have this information presented to the physician to help preparing for your consultation?
   - A [ ] very helpful
   - B [ ] helpful
   - C [ ] undecided
   - D [ ] not very helpful
   - E [ ] not helpful

21. Would you have reservations about the safety of your medical information when using a security-certified smartphone application?
   - A [ ] no reservations
   - B [ ] some reservations
   - C [ ] undecided
   - D [ ] substantial reservations
   - E [ ] major reservations

22. Would you agree to having your medical data that is collected during and after therapy anonymized and utilized for medical research?
   - A [ ] yes
   - B [ ] no

23. Please indicate the maximum timeframe it would take you to receive and read appointment notifications (for radiotherapy, consultations) on your smartphone (time passed from receiving to reading notification).
   - A [ ] 30 minutes
   - B [ ] 60 minutes
   - C [ ] 2 hours
   - D [ ] 12 hours
   - E [ ] 2 days or longer

24. In what intervals do you generally check your smartphone for notifications (SMS, missed calls, push notifications)?
   - A [ ] 30 minutes
   - B [ ] 60 minutes
   - C [ ] 2 hours
   - D [ ] 12 hours
   - E [ ] 2 days or longer

25. During which portion of the daily period between 7am and 11pm would you be reachable by telephone?
   - A [ ] < 30 minutes
   - B [ ] < 60 minutes
   - C [ ] < 2 hours
   - D [ ] < 12 hours
   - E [ ] more than 12 hours

26. How worried are you about the possibility of side effects occurring during radiotherapy?
   - A [ ] not worried
   - B [ ] some worries
   - C [ ] undecided
   - D [ ] considerably worried
   - E [ ] extremely worried

27. Would you consider it helpful to receive close-knit regular therapy support via a smartphone application in the context of possible side effects?
   - A [ ] very helpful
   - B [ ] helpful
   - C [ ] undecided
   - D [ ] not very helpful
   - E [ ] not helpful