Groups discussion with the intersectional design cards

Following on your individual assignment about one of the four MSc theses on cancer radiotherapy, you should use the intersectional design cards for a more systematic discussion on all design levels (1–4) in the group assignment. The procedure will follow a similar procedure as the seminars on Sep 8 and 15, when the cards were used for different services, see the more detailed instructions from Sep 15 here.

The instructions for the group work during the present seminar are:

- You are a design team at RaySearch Labs or Elekta.
- Use the Intersectional Design Cards (all design levels, 1–4) to investigate how you can improve and optimize individualized precision cancer radiotherapy.
- For questions in the PPT that you find suitable you should reflect on – *in writing* – how the challenge related to the question could be handled/mitigated in a mathematical optimization framework.

Table 1: Suggested seminar schedule.

Duration (minutes)	Activity
5	**Quick check-in** • Is anything unclear in the instructions about what to do during the seminar. • Select a new chairperson and secretary (can be the same person). • Remember the KTH Code of Conduct and the ground rules for the
80 (incl. 15 min break)	**In-group discussion** • Documentation of the discussion shall be done by the secretary in the provided PPT template for design levels 1–4. • The chairperson (or secretary) should invite all members to contribute to the discussion. • Discuss first your group's selected product.
15	**Peer-to-peer (1-to-1) discussion** • Select a group that is sitting near-by in the classroom. • The groups do not have to share the same selected product/process. • Start the peer-to-peer discussion by arranging so that you sit face to face with a student from the other group. Hence, the peer-to-peer discussion will only be between two persons and not in a larger group. • Briefly describe the selected product/process and intersectional factors to each other. • Explain why those intersectional factors are most important for your product/process. • Discuss, for example, which of factors that could be most challenging related to the product/process.
5	**Whole class wrap-up** • How did that go? • What are the three key takeaways from this session? • What do you feel that the team needs to focus on at the next seminar?