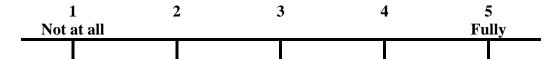SDC 1: Surgical questionnaire
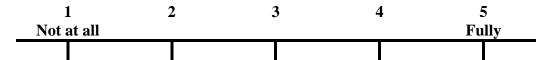
1. How would you define the selected perforator artery anatomical structure in the Vandevoort et al. terminology? (circle one)

   Adapted class 1   Adapted class 2 Adapted class 2+3 Adapted class 4

2. To what extent was the course of the perforated artery assessed according to CTA scan?

1	**2**	**3**	**4**	**5**
Not at all				**Fully**

3. To what extent was the course of the perforated artery assessed according to VR model?

1	**2**	**3**	**4**	**5**
Not at all				**Fully**

4. According to the CTA scan what surgical approach would you take:

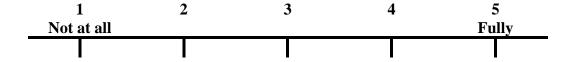   DIEP or Free TRAM (circle one)

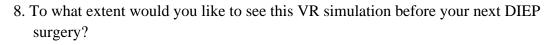5. According to the VR model, which surgical approach would you take:
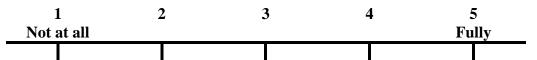
   DIEP or Free TRAM (circle one)

6. During preoperative planning based on the VR model, did you decide to change the original approach (Free Tram or DIEP)?
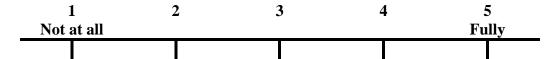
   Yes or No

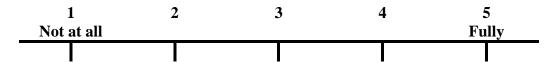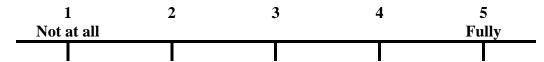7. To what extent did VR modeling help you decide on the surgical approach?

1	**2**	**3**	**4**	**5**
Not at all				**Fully**

8. To what extent would you like to see this VR simulation before your next DIEP surgery?

1	2	3	4	5
Not at all				**Fully**

9. To what extent did the VR system lead to a change in your decision regarding the preferred perforator shown in the CT in terms of grade?

1	2	3	4	5
Not at all				**Fully**

10. During the operation, to what extent did you identify the perforator artery as indicated on the VR model?

1	2	3	4	5
Not at all				**Fully**

11. To what extent did this VR model add value to the standard CT imaging?

1	2	3	4	5
Not at all				**Fully**

12. To what extent do you feel that the VR model shortened the duration of the dissection?

1	2	3	4	5
Not at all				**Fully**