

**SDC2. Influence of age, follow-up, reason for surgery and side of reconstruction, and complications on patient reported outcomes (univariate model)**

**Univariate model**

**mean ± SD**

<i>BREAST-Q module</i>	<b>Q1</b>	<b>Q3</b>	<b>Q4</b>	<b>Q6</b>	<b>Q10</b>	<b>Q11</b>
<b>Age</b>						
• <i>≤ 42 years (n=81)</i>	71.0 ± 19.0	81.5 ± 18.5	79.9 ± 20.9	81.2 ± 15.7	65.1 ± 38.1	82.2 ± 16.9
• <i>&gt; 42 years (n=81)</i>	69.2 ± 21.9	73.0 ± 21.9	78.7 ± 23.3	80.5 ± 18.2	61.1 ± 32.2	74.5 ± 22.5
<b><i>p-value</i></b>	0.067	<b>0.001</b>	0.304	0.694	0.816	<b>0.003</b>
<b>Follow-up</b>						
• <i>&lt; 5 years (n=92)</i>	70.9 ± 22.4	75.6 ± 22.8	77.1 ± 22.5	76.1 ± 17.2	65.6 ± 33.0	78.4 ± 23.0
• <i>≥ 5 years (n=99)</i>	69.9 ± 18.2	79.0 ± 18.3	81.3 ± 20.7	83.8 ± 15.4	64.4 ± 35.3	78.1 ± 18.0
<b><i>p-value</i></b>	0.719	0.259	0.184	<b>0.002</b>	0.890	0.934
<b>Reason and side of surgery</b>						
• <i>Prophylactic (uni- and bilateral) (n=104)</i>	72.3 ± 20.2	80.1 ± 20.6	82.6 ± 21.3	82.6 ± 14.4	71.4 ± 35.6	81.0 ± 19.0
• <i>Therapeutic unilateral (n=23)</i>	63.0 ± 20.4	69.5 ± 21.4	70.0 ± 24.3	74.2 ± 22.1	44.9 ± 27.0	70.3 ± 25.4
• <i>Therapeutic bilateral (n=35)</i>	68.3 ± 20.7	73.9 ± 18.9	75.8 ± 21.0	80.3 ± 18.9	73.7 ± 33.3	76.6 ± 18.1

<i>p-value</i>	0.124	<b>0.045</b>	<b>0.027</b>	0.096	<b>0.011</b>	<b>0.060</b>
<b>Type of reconstruction</b>						
• <i>Implant + Alloderm (n=140)</i>	70.1 ± 20.7	75.8 ± 21.2	78.3 ± 22.2	80.1 ± 15.8	61.0 ± 34.0	77.3 ± 20.7
• <i>Implant + Strattice (n=10)</i>	72.0 ± 14.4	88.9 ± 12.9	87.1 ± 19.1	86.1 ± 14.7	/(100.0)	88.6 ± 14.0
• <i>Implant + dermal grafts (n=12)</i>	68.7 ± 23.1	84.3 ± 14.7	83.6 ± 20.9	85.3 ± 2.0	67.8 ± 43.1	83.7 ± 15.0
<i>p-value</i>	0.931	0.069	0.376	0.396	0.280	0.183
<b>Complications</b>						
• <i>No (n=192)</i>	71.3 ± 19.3	79.3 ± 19.9	80.5 ± 21.0	80.3 ± 16.7	65.2 ± 33.3	79.2 ± 19.4
• <i>Yes (n=16)</i>	62.7 ± 27.9	62.6 ± 22.0	68.7 ± 27.5	82.7 ± 16.4	58.2 ± 33.7	66.4 ± 25.8
<i>p-value</i>	0.101	<b>0.002</b>	<b>0.037</b>	0.604	0.556	<b>0.027</b>