

## **Appendix 1. Questionnaire**

### **Preoperatively: Answered yes or no, with section for comments**

- Q1. Did strabismus embarrass you? Yes No
- Q2. Did you believe that people perceived you as less than sincere? Yes No
- Q3. Did people underestimate your intelligence? Yes No
- Q4. Did strabismus alter your career choices? Yes No
- Q5. Were you discriminated against in employment secondary to your strabismus? Yes No
- Q6. Did you have problems adjusting to new environments? Yes No
- Q7. Did you have trouble making eye contact? Yes No
- Q8. Did strabismus negatively affect your self-esteem? Yes No
- Q9. Did you avoid certain activities secondary to strabismus? Yes No
- Q10. Did you develop mannerisms to camouflage your strabismus? Yes No
- Q11. Was double vision a significant problem? Yes No

### **Postoperatively: Answered yes or no, with section for comments**

- QP1. Did surgery improve your self-esteem/self-image? Yes No
- QP2. Did surgery improve your ability to meet new people? Yes No
- QP3. Did surgery improve your interpersonal relationships? Yes No
- QP4. Did surgery improve your job opportunities? Yes No
- QP5. After surgery, did you try new activities? Yes No
- QP6. Did surgery improve your double vision, if present? Yes No

## **Appendix 2. Calculation of formulas**

### **Preoperatively**

Self-esteem =  $10 - [(2 \times \text{positive response to Q1, Q6, and Q8}) + (\text{positive response to Q2, Q3, Q7, and Q10})]$

10 = highest self-esteem score, with no queried behaviors effected and denial of impact of strabismus on self-esteem

0 = lowest score, with positive response to all behaviors and negative impact of strabismus

Confidence =  $10 - [2.5 \times (\text{a positive response to Q2, Q6, Q9, and Q10})]$

10 = highest confidence score, with no queried behaviors effected that relate to confidence

0 = lowest score, with positive response to all behaviors

Intelligence = response to Q3

10 = negative response

0 = positive response

Relationships =  $10 - [(4 \times \text{positive response to Q7}) + (2 \times \text{positive response to Q6 and Q9})]$

10 = no effect of strabismus on interpersonal relationships

0 = negative effect on relationships

Employment =  $10 - [(5 \times \text{positive response to Q4 and Q5})]$

10 = No effect of strabismus on employment options

0 = negative effect on employment options

### **Postoperatively**

Effect on self-esteem =  $[(9 \times \text{positive response to QP1}) + (\text{positive response to QP5})]$

10 = Greatest improvement in self-esteem after surgery

0 = No effect of surgery on self-esteem

Effect on confidence =  $[(5 \times \text{positive response to QP1}) + (2.5 \times \text{positive response to QP2 and QP5})]$

10 = Greatest improvement in confidence after surgery

0 = No effect of surgery on confidence

Effect on relationships =  $[(3 \times \text{positive response to QP2 and QP5}) + (4 \times \text{positive response to QP3})]$

10 = Greatest change in interpersonal relationships

0 = No change in interpersonal relationships

Effect on Employment =  $[(7 \times \text{positive response to QP4}) + (3 \times \text{positive response to QP6})]$

10 = Greatest change in employment options/skills

0 = No change in employment options or skills