

## Appendix 1 8-item pre DCR questionnaire

DCR Surgery Consent Audit Pre Surgery Questionnaire, Circle the most appropriate answer

Hosp. No.      Tel      Date      Age

1. What surgery or procedure is you having today and why?

(Correct=surgery for watery eye/ tearing/ to open tear system/to drain tears/to decrease infections in the eye/ bypass/OCR/to form a new tear drain between the eye and nose/to overcome a blockage/sensible description.

Incorrect = some surgery)

- Correct (1)
- Incorrect

2. In your own words describe what the surgery involves.

(Correct=tear drainage passages are opened so that tears can drain into the nose/unblock tear duct/two approaches: external DC? or endoscopic endonasal DCR/External DCR: Incision in the side of nose, sutures removed seven to 10. days later, small rods or tubes placed and removed later/Endostople DCR minimally invasive similar to external OCR, except there is no cut through skin and no scar, access is through nose, using a small thin camera or endoscope)

- Correct (1)
- Incorrect (0)

3. Do you know what type of anesthesia you will receive?

- Correct (1)
- Incorrect (0)

4. Do you know how long the surgery will take?

(Correct=approx. 1 hour. Incorrect=a 0.5 or, 2.5 hours)

- Correct (1)
- Incorrect (0)

5. What medications are you advised to stop taking before surgery?

(Correct=aspirin/Ibuprofen 1 Warfarin/rivaroxaban/anticoagulants/N5AIDs. Incorrect=none)

- Correct (1)
- Incorrect (0)

6. What happens after surgery and what is the follow-up treatment?

(Correct=remove eye pad in the morning at home and wash normally/nasal douching (wash.out) for several weeks using saline spray (endonasal OCR)/clinic appointment in 1-2 weeks (external DCR) or in 6 weeks (endonasal DC?)/stitch removed/silicone rods removed usually 4-6 weeks)

- Correct (1)
- Incorrect (0)

7. Are you aware of any things you should avoid after surgery?

(Correct=avoid strenuous exercise for a week/advised not to drive, operate machinery, drink alcohol or take sedative drugs for 24 hours /no aspirin or NSAIDs for 2 weeks/do not nib operation site/keep skin wound dry and uncovered (estimate !KR)/avoid hot food and drinks or up to 24 hours after the operation/must not blow nose for 7-10 days/If sneeze, try to keep mouth open)

- Correct (1)
- Incorrect (0)

8. Can you recall any risks or complications of the surgery?

(Tick all that apply. Correct =>1 risk. Incorrect ≤11 risk)

- Infection
- Bleeding 1 bruising/nose bleeds
- Damage to other structures
- Tubes falling out
- Failure/blockage
- Need for further procedure
- Scarring

- h. Allergy
- i. Congested nose
  - Correct (1)
  - Incorrect (0)

**Appendix 2** 14-item post DCR questionnaire

DCR Surgery Consent Audit: Post Surgery Questionnaire, Circle the most appropriate answer

1. What surgery or procedure are you having today and why?

Correct= surgery for watery eye/tearing/to open tear system/to drain tears/to decrease infections in the eye bypass/DCR/to form a new tear drain between the eye and nose/to overcome a blockage/sensible description. In correct=some surgery)

- Correct (1)
- Incorrect (0)

2. In your own words describe what the surgery Involves

(Correct=tear drainage passages are opened to that tears can drain into the nose/unblock tear duct/two approaches; external DCR or endoscopic endonasal OCR/External DCR: incision In the side of nose, sutures removed seven to 10 days later, small rods or tubes Owed and re moved later/Endoscopic OCR minimally invasive similar to external OCR, except there is no cut through skin and no scar, access is through nose, using a small thin camera or endoscope)

- Correct (1)
- Incorrect (0)

3. Do you know what type of anesthesia you will receive?

(Correct=going to sleep/Intubation tube in throat/general an athetic. Incorrect=awake)

- Correct (1)
- Incorrect (0)

4. Do you know how long the surgery will take?

(Correct = approx.) 1hour. Incorrect=<0.5 or >2.6 hours)

- Correct (1)
- Incorrect (0)

5. What medications are you advised to stop taking before surgery?

(Correct=aspirin/ibuprofen/warfare/rivaroxaban/anticoagulants/NSAIDs. Incorrect=none)

- Correct (1)
- Incorrect (0)

6. What happens after surgery and what is the follow-up treatment? (1) (0)

(Correct=remove eye pad in the morning at horns and wash normaliy/nasal douching (washout) for several weeks using saline spray endonasal OCR)/clinic appointment in 1-2 weeks external DCR) or in 6 weeks lendonasat OCR)/stitch removed/silicone rods removed usually 4–6 weeks)

- Correct (1)
- Incorrect (0)

7. Are you aware of any things you should avoid after surgery?

(Correct=avoid strenuous exercise for a week/advised not to drive, operate machinery, drink alcohol or take sedative drugs for 24 hours/no aspirin or NSAIDs for 2 weeks/do not rub operation site/keep skin wound dry and uncovered (external OCR)/avoid hot food and drinks or up to 24 hours after the operation/must not blow nose for 7–10 days/If sneeze, try to keep mouth open)

- Correct (1)
- Incorrect (0)

8. Can you recall any risks or complications of the surgery?

(Tick all that apply. Correct=01 risk. Incorrect a 1 risk)

- a. infection

- b. Bleeding/bruising/nose bleeds
- c. Do mugs to other structures
- d. Tubes falling out
- e. Failure/blockage
- f. Need for further procedure
- g. Scarring
- h. Allergy
- i. Congested nose

Correct (1)

Incorrect (0)

9. Was n family member present during consenting?

- Yes
- No

10. Do you know anyone who had this surgery before?

- Yes
- No

11. Did you look up the procedure before your operation on the Internet?

- Yes
- No

12. Education Level

- None
- Lower secondary education
- High School
- College
- University
- Not disclosed

13. Overall satisfaction how satisfied was you with the explanation of the surgery and consenting process?

1=poor, 5=excellent)

- 1
- 2
- 3
- 4
- 5

14. Do you have any other comments?

### Appendix 3 Visual Aid

