



Gemeinsame Jahrestagung der
Schweizerischen Gesellschaft für Kardiologie (SGK) und der
Schweizerischen Gesellschaft für Herz- und thorakale Gefässchirurgie (SGHC)

12. – 14. Juni 2013, Palazzo dei Congressi Lugano



Workshop

Young Swiss Cardiac Surgeons Club Meeting

June 13th, 2013

12:45-13:45





Programme



- **12:45-50** **Welcome (D. Reser)**

- **12:50-13:15** **DOPS (Directly Observed Procedural Skills)**
 - Fabian Kari, Herzzentrum Freiburg, Member „Junges Forum DGTHG“
 - Present situation in Zürich (D. Reser)

- **13:15-13:30** **Situation of the Young Swiss Cardiac Surgeons**
 - Prof. Thierry Carrel, Inselspital Bern

- **13:30-13:40** **Discussion (D. Reineke, Members YSCSC)**

- **13:40-13:45** **Closing remarks, Administration (D. Reser)**



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Present Situation in Zürich



- ▣ **10 DOPS generated**
 - ▣ Sternotomy
 - ▣ Cannulation
 - ▣ Proximal Anastomosis
 - ▣ Distal Anastomosis
 - ▣ Mammary harvesting
 - ▣ Open saphenectomy
 - ▣ Endoscopic saphenectomy
 - ▣ Radial artery harvesting
 - ▣ Sternal closure
 - ▣ IABP insertion



DOPS

(Direct Observation of Procedural Skills)

Sternotomy

Name of trainee:

Name of assessor:

Date:

Number of times previously performed this procedure:

Difficulty Level: Easier than Usual
 Average Difficulty
 More Difficult than Usual

Start time of the procedure: _____ End time of the procedure: _____

Rate using the following scale:

N = Not Observed

D = Development Required

S = Satisfactory (No intervention required)



Preoperative Planning

	Step	Evaluation (N/D/S)	Comments
1	Knowledge of patient records, personal review of all investigations		
2	Knowledge of indication and contraindication to surgery		
3	Knowledge of different operative or non-operative strategies.		
4	Knowledge of complications of planned surgery.		
5	Knowledge of pathological anatomical abnormalities, relevant co-morbidities and selection of appropriate operative strategies/techniques		
6	Ability to choose appropriate equipment, materials or devices		
7	Ensures the operation site is marked and the informed consent signed		

Consent

	Step	Evaluation (N/D/S)	Comments
1	Explains the procedure to the patient/relatives and checks understanding		
2	Explains outcome and time to recovery and checks understanding		



Preoperative Preparation

	Step	Evaluation (N/D/S)	Comments
1	Proper communication with OR team about the planned operation and required instruments, materials or devices.		
2	Ensures proper positioning of the patient on the operating table.		
3	Demonstrates careful skin preparation.		
4	Demonstrates careful draping of the operative field.		



General Intraoperative Technique

	Step	Evaluation (N/D/S)	Comments
1	Knowledge of optimal skin incision.		
2	Achieves an adequate exposure through dissection in correct tissue planes and identifies all structures correctly		
3	Performs proper wound repair where appropriate.		
4	Protects the wound with dressings and drains where appropriate		
5	Follows an agreed protocol for the procedure.		
6	Handles tissue with minimal damage.		
7	Controls bleeding promptly by an appropriate method		
8	Uses diathermy effectively.		
9	Demonstrates a sound technique of knots and sutures/staples.		
10	Uses instruments appropriately and safely.		
11	Proceeds at appropriate pace.		
12	Anticipates and responds appropriately to variation in anatomy.		
13	Deals calmly and effectively with unexpected events/complications.		
14	Uses assistant(s) to the best advantage.		
15	Communicates clearly and consistently with the scrub team.		
16	Communicates clearly and consistently with the anesthetist.		



Procedure

	Step	Evaluation (N/D/S)	Comments
1	Checks equipment before use (sternal saw)		
2	Correct identification of anatomical landmarks.		
3	Obtains an appropriate sub-sternal plane		
4	Demonstrates correct communication with anesthetist regarding ventilation.		
5	Proper midline division of the sternum.		
6	Appropriate hemostasis.		

Postoperative Management

	Step	Evaluation (N/D/S)	Comments
1	Constructs a clear operation note.		
2	Records clear and appropriate post-operative instructions.		
3	Demonstrates accurate completion of the database.		
4	Gives effective briefing to intensive care team.		
5	Explains operative and post-operative process to relatives and checks understanding.		



Summary:

	Step	Evaluation (N/D/S)	Comments
1	Describes indications, anatomy, procedure and complications.		
2	Obtains consent, after explaining procedure and possible complications.		
3	Prepares for procedure according to an agreed protocol.		
4	Demonstrates good asepsis and safe use of instruments & sharps.		
5	Performs the technical aspects and required steps correctly.		
6	Manages unexpected event or seeks help in time.		
7	Completes required documentation.		
8	Issues clear post-procedure instructions to patient & staff.		
	Communicates with patient & staff in a professional manner.		





Evaluation of reached level of performance:

Level		Check
0	Insufficient evidence observed to support a summary judgment (Level 0)	
1	Unable to perform the procedure or part observed, under supervision (Level 1)	
2	Able to perform the procedure, or part observed, under supervision (Level 2)	
3	Able to perform the procedure with minimum supervision (needed occasional help) (Level 3)	
4	Competent to perform the procedure unsupervised (could deal with complications that arose) (Level 4)	

Comments of the Assessor:

(Description of the given verbal feedback to the trainee about strengths and suggestions for development)



Present Situation in Zürich



- ▣ **1 Supervisor appointed**
 - ▣ Introduction yet to be determined
 - ▣ Implementation yet to be determined

- ▣ **Weekly OR-planning**



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Closing remarks



- ▣ 10 DOPS generated
 - Presentation at the SGHC meeting June 14th.
 - Shall be globally used in all centres in CH

- ▣ Appointed DOPS Supervisor

- ▣ Weekly OR planning



Homework for Members



- ▣ Appoint DOPS supervisor
- ▣ Initiate weekly OR planning
- ▣ Try to initiate and use DOPS
 - They will be mailed to the members presently

- ▣ Elect 1 YSCSC representative per center
 - Communication with chair/other centers
 - contact update/recruiting members



Administration



- Next workshop
 - SGK 2014 in Interlaken: June 11th.-13.th

11.-13. Juni 2014 Kursaal Interlaken

GEMEINSAME JAHRESTAGUNG
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- Next social meeting ?



Contact



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- ▣ <https://www.facebook.com/pages/Young-Swiss-Cardiac-Surgeons-Club-Forum-YSCSC/175138295889796>



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