

213 REPAIR ANTERIOR HARD PALATE w/ vomer flaps

This is the first of two-stage repair of a wide cleft palate performed at age 6 months of age.

Set up is identical to 207 Repair Cleft Palate.

It is a simpler procedure than full cleft palate repair - note differences.

Usually done with 220 PE tubes by Dr. Horn - (pull his card)

page 1 updated August 12, 2018

OPERATIVE TIME: 1 ½ hours

LOCATION: Pres Main only

CPT CODE(S): 42235 REPAIR AHP W/ VOMER FLAPS

ANESTHESIA NOTES

- regular ET tube (no RAE), straight anesthesia connector
 - Dr. C to start IV and sew in tube with 2-0 silk
 - IV pump in room and charging
 - temp probe
 - Kefzol IV 25mg/kg
- Tranexamic Acid, 10mg/kg up to 1 gram
Give at beginning of case and repeat dose at 2 hours

PATIENT POSITION | SETUP

- Will turn bed counter-clockwise after PE tubes
- Dr. C to suture tube with 2-0 silk SH, needle holder, scissors
- IV kit for Dr C to start
- Rolled terrycloth towel under shoulder
- Pedi-wrap elbow restraints with D-ring (neonate size)
- Large round gel doughnut under head
- Rectal temperature probe per anesthesia
- Pedi Baer hugger, blanket, green towels, 1" tape for tube

TABLE POSITION

Lower foot, close head gap, DO NOT REMOVE HEAD PIECE
Large round gel donut head rest. Place Baer after turning.

ROOM SETUP

Warm room 72°, warm bed and head rest w/ Baer
Separate mayo stand for video equip

EQUIPMENT and SPECIALS

- Light source w/headlight
- Baer hugger
- IV pump plugged in
- Video tower and 2nd monitor
- Omni "Lapotrac" scope holder and clamp
- ENT scope and camera: 4mm, 0° Endoscope, camera, light cord.

PREP

PCMX with minimal water, cotton tip applicators to clean nose, wipe gently inside mouth, lightly over eyelids

DRAPING and PACKS

Cleft Palate Custom Pack, Towel Pack
White towels for Mayo stand

Head sheet (two green towels and a ¾ sheet), ¾ sheet, magnetic pad, rigid box for bovie, towel clips, ½" steri-strip for eyes, 1000 drape, 2" Kling for pharyngeal pack

CAUTERY

Bovie 8/8 pure, [2] #0118A Megadyne needle tip
[1]# 0120 Magadyne *angled* needle tip, holster

SUCTION

single with 7fr Frazier tip, 10fr NG suction catheter

SOLUTIONS | IRRIGATION

Kefzol irrigation 500mg/500cc NS, 30cc syringe with 14g angiocath, saline, water

LOCAL ANESTHETIC

- peds mixture:** 50/50 - In 3cc syringe with 30g needle x 2
- 1% lidocaine w/ epi 1:100,000 +
 - 0.5% Ropivacaine plain

NEEDLES | SYRINGES

[2] 3cc syringe, [1] 30cc syringe,
[2] 30g needle 5/8", [1] 14g angiocath

MEDICATIONS

Tranexamic Acid IV, 10mg/kg up to 1 gram, repeat at 2 hours
TXA/Kefzol irrigation: 200cc NS / 4gm TXA / 200 mg cefazolin
2-5 ml phenylephrine from anesthesia in medicine cup
Bactroban (mupirocin) ointment

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SETS TO OPEN Dr. C Cleft Palate Set

INSTRUMENTS USED (ON 2 MAYO STANDS)

■ FORCEPS	Packing forceps, [3] Cushings
■ SCISSORS	Reynolds (long Stevens), short Stevens, str metz
■ NEEDLE HOLDERS	[4] Sontec gold angled
■ RETRACTORS	Dingman mouth gag retractor
■ KNIFE BLADES	[1] No. 15 BP, [1] No. 12 BP
■ ELEVATORS	McCullough, hockey stick, McIndoe
■ OTHER	<u>NO DRILL, NO OSTEOTOME</u>
■ VIDEO and SCOPES on MAYO	Camera, light cord, 4mm ENT scopes 0°, Omni LapoTract

STERILE SUPPLIES	<ul style="list-style-type: none"> ■ [2] marking pens with ruler ■ Gelfoam (surgifoam #1972) ■ Surgicel 2"x14" #1951 ■ bacitracin ointment ■ non-disposable light handles ■ methylene blue ■ med glasses ■ 7½ Protegrity latex gloves 	<ul style="list-style-type: none"> ■ defogger ■ scope lens cleaning pad ■ ½" steri-strips for eyes ■ instrument wipe ■ 10fr suction catheter ■ Basin set ■ [3] 3" cotton tip applic
SPONGES	<ul style="list-style-type: none"> ■ Raytec ■ 2" Kling for pharyngeal pack ■ [3] 3" cotton tip applicators ■ tip wipes 	
NON-STERILE SUPPLIES	Pedi Baer hugger, Pedi-Wrap arm restraints with D ring	

	NO	TYPE	SN	STATUS
SUTURES	[10]	4-0 Chromic P-3	1654	open 6
	[10]	4-0 Chromic RB-1	U203	open 4
	[1]	2-0 Silk SH	K 833	open

DRAINS	none
DRESSINGS	Bactroban to lips, remember to remove pharyngeal pack and cut ETT suture

POSTOPERATIVE	<ul style="list-style-type: none"> ■ call for pediatric crib (6th floor) ■ 2 warm blankets in corral shape ■ charge and connect IV infuser <i>before</i> moving baby ■ oxygen for transport
NOTES	<p>WRITE ON CARD: "REMOVE PHARYNGEAL PACK", GIVE TO ANESTHESIA..</p> <p>May or may not have PE tubes. All cases will have video monitoring. Separate mayo stand for video equip</p>

COMMENTS	Usually done at 6 months old
DATES MODIFIED	Dec 2012, Jan 2013, May 2013, Aug 2018