

## 502 COMPLETE COSMETIC RHINOPLASTY - OPEN TECHNIQUE

May use Porex implant or harvest septal cartilage graft.

Note differences if using endonasal approach or limited tip rhinoplasty.

Usually GENERAL ANESTHESIA. Note if using local anesthesia.

Page 1/3 updated March 26, 2016

OPERATIVE TIME: 3½ hours

ANESTHESIA: usually GENERAL on regular OR table

ICD9 CODE: V50.1 ELECTIVE COSMETIC, 748.1 CONGENITAL NASAL DEFORMITY

CPT CODE: 30410 RHINOPLASTY COMPLETE

### ANESTHESIA NOTES

GENERAL: ETT OR RAE [ask], straight connector, accordion extender or circuit extender for turning  
Usually general, sometimes local (e.g. limited tip rhino only)

### PATIENT POSITION | SETUP

GENERAL: on OR table - do not change head  
\*IF LOCAL: Usually on Stryker stretcher but may use OR table.  
Moisten lips with Aquaphor  
Use round gel pillow, tuck arms, pillow under knees

### TABLE and PATIENT POSITION

Will be turning bed 180° counterclockwise (to patient's right)  
Place Bovie machine and Baer hugger by anesthesia machine.  
Pillow under legs; extra pillow after case.  
HEAD SUPPORT: Terrycloth shoulder roll, large round head gel; blue chux, 2 blankets

### ROOM SETUP

Headlight to be on right side of patient (after turning).  
Warm bed with Baer hugger and warm room to 70-72 degrees to start, then lower to 68-70.

### EQUIPMENT

Headlight w/ [1] light source on right side of patient  
\*IF LOCAL: Eye stretcher, NO Baer hugger NO sequentials

### SPECIALS

Sometimes uses Porex ( DrC will bring)

### PREP

PCMX prep, cotton tip applicators inside nostrils.  
2 metal cups w/ 4x4's

### DRAPING

Split sheet, head sheet with 2 towels, 1000 drape,  
[2] towels, White towels for Mayo stands

### CAUTERY

- Colorado tip - N103A
- Megadyne 0018 needle tip [HOLD]
- Bovie set for 8/8, w/ [2] holsters- E2400

### SUCTION

[2] suctions: 7 fr. Frazier (non-disposable) and mini-Yankauer

### SOLUTIONS | IRRIGATION

Saline irrigation  
Antibiotic irrigation: Kefzol 500mg in 500cc NS  
Use 30cc syringe 20g angiocath for general irrigation  
Water in bowl for clearing suction

### NEEDLES | SYRINGES

NEEDLES: [2] each: ½" 30g, 1½" 27g  
ANGIOCATH: 20g angiocath, 20cc syringe for irrigation  
SYRINGES: [2] each: 3cc, 5cc, 10cc, 20cc

### LOCAL ANESTHETIC on separate Mayo stand Keep all locals separated do not mix

Fill and label plastic specimen containers with:

- 2% lidocaine w/epi , [2] vials 20cc
- 0.5% marcaine w/epi , [1] vial 30cc
- 1% topical Neosynephrine - 1 vial
- 8cc 4% cocaine
- 4% cocaine 8cc, [2] vials of 4cc ea.

Dr. Cuadros will mix

### MEDICATIONS

- methylene blue, draw up and put in blue cup for tattooing.
  - Bacitracin ointment for dressing at end
- \*IF LOCAL: [3] Versed, [3] Fentanyl, [1] Zofran, [1] Kefzol

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<b>SETS TO OPEN</b>	[2] sets: Dr. C fine facial/bleph set and Dr.C rhino set [3] Mayo stands: one for locals/dressing, two for instruments			
<b>INSTRUMENTS USED (ON 3 MAYO STANDS)</b>				
■ <b>FORCEPS</b>	Bayonet, 05 fine Adsons, 03 Adsons, smooth Adsons, .5 and .3 CV eyelid, angled Debakey, Cushing, packing			
■ <b>SCISSORS</b>	Iris curved and straight, Stevens, Gradle, papa mama baby bears, serrated black iris, Joseph, Wescott			
■ <b>NEEDLE HOLDERS</b>	[4] fine smooth Websters, [2] Castro Viejos, [2] super-fines			
■ <b>RETRACTORS   SKIN HOOKS</b>	Fomon double ball, Tebbetts alar, Converse, Kasdan blue, Senn, Ragnell, finger self retainer, 2mm 5mm 7mm 10mm double hooks			
■ <b>KNIFE   BLADES</b>	[1] 30° super blade [save container], [2] No. 15 BP			
■ <b>ELEVATORS</b>	Tebbetts, Key, Joseph, Freer, McCullough elevators			
■ <b>OTHER</b>	[2] Nasal speculums - Short and medium [2] Osteotomes - 2mm and 4mm, with nylon mallet Rasp - 3/4 Carmalt clamp Calipers small rongeur sterile safety pin w/ vessel loop			
<b>STERILE SUPPLIES</b>	<ul style="list-style-type: none"> <li>● [10 pack] ½" x 3" Neuro cottonoid patties</li> <li>● [2] ValleyLab white accessory holster - E2400</li> <li>● 2" Kling for throat pack</li> <li>● sterile safety pin</li> <li>● [2] fine marking pens</li> <li>● [2] ½" steristrips</li> <li>● [1] ¼" steristrips</li> <li>● [2] short cotton tip applicators</li> <li>● mag pad</li> <li>● [2] Mayo stand covers 89601</li> <li>● red Vessel loops 011011PBX</li> <li>● [2] Protegrity latex gloves 7½"</li> <li>● soap-less scrub brush</li> </ul>			
<b>SPONGES</b>	[2] packs Raytec 4x4 [1] pack of 10, ½" x 3" cottonoid Neuro patties - cut strings			
<b>SUTURES</b>	No	Type	SN	status
<b>note:</b> in endonasal approach or for limited tip rhino will be using fewer sutures – therefore do not open as many	[2]	5-0 Chromic P3	687	open
	[2]	6-0 Chromic G1	796 <i>single</i>	open
	[1]	6-0 Prolene P1	8697	hold
	[1]	7-0 Prolene P6	8648	hold
	[2]	5-0 Monocryl TF	Y433	open
	[4]	6-0 Monocryl P1	Y489	open 2    hold 2
<b>DRESSINGS AND SPLINT set up on Mayo stand</b>	<ul style="list-style-type: none"> <li>● Mastisol</li> <li>● Large Telfa</li> <li>● ½" steristrips</li> <li>● ¼" steristrips</li> <li>● smooth packing forceps</li> <li>● straight cutting scissors</li> <li>● Thermasplint - 1529010</li> <li>● hot water in thermos jar</li> <li>● crushed ice w/ water in jar</li> <li>● nasal drip pad from mask</li> <li>● 4x4 gauze</li> <li>● bacitracin ointment</li> </ul>			
<b>POSTOPERATIVE</b>	crushed ice pack to eyes, nasal drip pad, pillow under knees			
DATES MODIFIED:	May 2007, Nov 2007, Apr 2008, Jul 2008, Jul 2009, Jun 2010, Dec 2010, Jan 2011, Dec 2011, Aug 2012, Aug 2013, Jun 2014, Sep 2014, Jun 2015, Nov 2015, Mar 2016			

**1<sup>st</sup> MAYO – Local infiltration: syringes and needles, then dressings  
>>> Dr. Cuadros will draw up and mix <<<**

<u>[4] Plastic Specimen Cups:</u> 2% Lidocaine w/epi 0.5% Marcaine w/epi 4% cocaine 1% neosynephrine topical	<u>Syringes:</u> [2] 10cc syringes [2] 3cc syringes [1] 5cc syringe	<u>Needles:</u> [2] 27g 1" needles, [2] 30g ½ in needles
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<u>Instruments:</u> bayonet forceps Vienna & Killian nasal speculum packing forceps Smooth Adson	<u>Supplies</u> 2" Kling throat pack Raytec sponges marking pen cottonoids (cut strings)
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*NOTE: after local infiltration, change mayo stand to splint and dressings (see above)*

**2<sup>nd</sup> MAYO – Opening and fine dissection; then closure**

<u>Knives</u> [1] super blade [2] round knife handles w/ #15 blade	<u>Retractors</u> Converse nasal Casdan blue retractor safety pin retractor double ball 4-prong 2mm 5mm 7mm dbl skin Ragnell Bunnell self retaining retractor
<u>Scissors</u> Gradles baby, mamma, papa bears black serrated iris Stevens tenotomies Iris, straight and curved iris long baby bears Wescott	<u>Other</u> Mini Yankauer sucker 7fr Frazier sucker Marking Pens Raytecs folded 4 x 8 Cutting board, w/ silastic sheet Blue and Yellow silastic prep cups
<u>Tissue forceps</u> Castro-Viejo forceps .5 & .3 Sontec fine silver 0.5 CV 05 Adsons Long 0.5 micro eyelid	
<u>Needle holders</u> Smooth Webster [2] super-fines [3] Castro-Viejos	

**3<sup>rd</sup> MAYO – rasps, osteotomes, rongeurs, etc.**

<u>Elevators</u> Joseph Key Tebetts Freer McCullough Aufrecht	<u>Other</u> swivel knife rongeur Takahashi rongeur Boies elevator Carmalt clamp
<u>Bone</u> 3/4 rasp 2mm & 4mm osteotomes mallet	