

505 Reconstructive Rhinoplasty Complete, Adult or Adolescent with or without Septoplasty, Turbinectomy, Cartilage graft, Porex implant This is a major nasal procedure, <i>not</i> cosmetic, done in main OR. May include septoplasty, turbinectomy, cartilage grafts, Porex implants.	
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ANESTHESIA NOTES	General, regular ETT, not RAE, long circuit, straight connector Tranexamic Acid, 10mg/kg up to 1 gram Give at beginning of case and repeat dose at 2 hours
PATIENT POSITION SETUP	Close gap on table, full round gel headrest, rolled terry cloth towel under shoulders, folded blankets under ge, tuck arms side of bed, Baer hugger
TABLE POSITION	rotate 180° counter clockwise after intubation
ROOM SETUP	Lower foot, close head gap, DO NOT REMOVE HEAD PIECE Large round gel donut head rest. Place Baer after turning. rotate 180° counter clockwise after intubation
EQUIPMENT	Headlight and light source on north wall by music Coblator II Surgery System Machine w/ pedals - next to Bovie
SPECIALS	<ul style="list-style-type: none"> ■ Porex implants ■ Doyle intranasal silastic splints #1524050 - [hold] ■ Thermasplint nasal splint, Medtronic ref 1529010 ■ ReFlex Ultra 45 Plasma Wand ref#EIC4845 - available [hold] ■ Arthrocare Septal Stapler #601-00100 - available [hold]
PREP	PCMX, 4x4, cotton applicators. Prep face and nose.
DRAPING	Head sheet (two towels and a ¾ sheet), ¾ sheet, magnetic pad, [2] holsters for Bovie, towel clips, ½" steri-strip for eyes, 1000 drape, 2" Kling for pharyngeal pack
CAUTERY	Bovie 10/10 pure, Colorado tip and Megadyne 0018A needle tip
SUCTION	[2] suctions: with 7fr Frazier tip, baby Yankauer, Zimmer Fluid Waste Management System
SOLUTIONS IRRIGATION	Saline irrigation. Water irrigation. Kefzol/TXA irrigation: MIX 500mg Kefzol in 500cc NS + 500mg tranexamic acid
NEEDLES SYRINGES	[2] each: 27g 1½", 30g 5/8", 14g angiocath [2] each: 10cc, 5cc, 3cc, 30cc
LOCAL ANESTHETIC Place on separate Mayo stand Keep all locals separated Do not mix	For packing fill and label [2] plastic cups with: <ul style="list-style-type: none"> ■ Neosynephrine drops, [1] vial "extra strength" ■ 4% Cocaine 8cc (Dr. C will mix and dip neuro paddies)
	For injection >>>> Dr. C to mix and draw: <ul style="list-style-type: none"> ■ 2% lidocaine w/ epi in 3cc syringe, 30g needle ■ 0.5% marcaine w/ epi for mixing ■ Mix Lidocaine and Marcaine in 10cc syringe, 27g needle
MEDICATIONS	<ul style="list-style-type: none"> ■ methylene blue in prep cup w/ 30g needle mosquito ■ Bactroban (mupirocin) ointment for end ■ Kefzol 1gm for irrigation ■ 2% lidocaine w/ epi (50cc) ■ 0.5% marcaine w/epi (50cc) ■ 0.5% Neosynephrine nose drops - [1] vial ■ 4% cocaine, [2] vials, 8cc total ■ Tranexamic acid
Tranexamic Acid (TXA) for bleeding IV & topical	TXA/Kefzol irrigation solution: 200cc NS + 4gm TXA + 200 mg Kefzol

SETS TO OPEN	Fine plastic cleft set, rhinoplasty set (open heart white towel pack)
INSTRUMENTS USED ON 3 MAYO STANDS - one stand for solutions, dressings, splint	
■ FORCEPS	Bayonet, Adsons 05 & 03, Adson dissectors, smooth Adsons, CV eyelid .5 & .3, Adson-Brown, angled Debaquey, packing
■ SCISSORS	Iris curved & straight, Gradle, Baby-Mama-Papa bears, Metz cvd, Joseph, Reynolds, str Mayo, str metz
■ NEEDLE HOLDERS	Crile Wood, sm and serr Webster, Castro Viejo, super fines
■ RETRACTORS SKIN HOOKS	Tiemanns self retainer, Converse, Senn, Ragnell, Bunnel, 2mm-5mm-10mm double skin hooks, Blue Kasdan, Tebbetts
■ KNIFE BLADES	[1] 30° super blade, [2] No.15 BP, [2] No. 10 BP
■ ELEVATORS	Joseph, Tebbetts, Freer, McCullough
■ OTHER	<ul style="list-style-type: none"> ■ Speculums - short and medium, black coated, silver ■ Osteotomes - 2mm and 4mm ■ Mallet ■ Rasp - 3/4 ■ Carmalt clamps ■ White cutting board, blue silastic pad ■ Blue and yellow silastic prep cups ■ Vessel loops red

STERILE SUPPLIES	<ul style="list-style-type: none"> ■ Suction tubing ■ [2] ½" Steri-strips for eyes ■ ¼" Steri-strips ■ marking pens ■ blue bulb syringe ■ Doyle intranasal silastic splints #1524050 - [hold] ■ Vessel loops, red ■ Heart Towel Pack ■ BSS for irrigating eyes at end
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SPONGES	[2] Raytec 4x4, 2" Kling throat pack [1] pack 10ea. ½" x 3" cottonoid Neuro patties ref 8004007
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	No	Type	SN	status
SUTURES link to suture list	[4]	5-0 Chromic P3	687	open
	[2]	6-0 Chromic G1	796	open
	[2]	4-0 Monocryl RB-1	Y 214	open
	[2]	5-0 Monocryl P3	Y 493	hold
	[2]	5-0 Monocryl TF	Y433	open
	[4]	6-0 Monocryl P1	Y 489	open
	[2]	6-0 Prolene P-1	8697	hold
	[2]	7-0 Prolene P-6	8648	hold

DRESSINGS PACKING set up on Mayo stand before end of case	<ul style="list-style-type: none"> ■ Mastisol ■ 3x4 telfa ■ 4x4 gauze ■ Raytec sponges ■ [2] packs ½" steristrips ■ [2] packs ¼" steristrips ■ smooth forceps ■ large straight scissors ■ Thermasplint #1529010 ■ hot water in thermos ■ crushed ice in thermos ■ nasal drip pad, cut dome mask ■ Doyle Splint #1524050 [hold] ■ BSS for irrigating eyes [don't open] ■ Gloves ■ Bactroban (mupirocin) ointment
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LAST MODIFIED	Jun 2008, Dec 2008, Sep 2009, Nov 2009, Oct 2010, Jul 2011, Dec 2011, Jul 2012, Jun 2013, Aug 2013, Jun 2014, Jun 2015, Jun 2016, Jul 2016, Dec 2018
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**1st 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	<u>Syringes:</u> [2] 10cc syringes [2] 3cc syringes [1] 5cc syringe	<u>Needles:</u> [2] 27g 1" needles, [2] 30g ½ in needles
<u>Instruments:</u> bayonet forceps nasal speculum packing forceps Smooth Adson	<u>Supplies</u> 2" Kling throat pack Raytec sponges marking pen cottonoids (cut strings)	

NOTE: after local infiltration, change Mayo stand to splint and dressings (see above)

2nd MAYO – Opening and fine dissection; then closure

<u>Knives</u> [1] super blade [2] round knife handles w/ #15 blade, #10 blade	<u>Retractors</u> Converse nasal Casdan blue retractor Tebbetts retractor safety pin retractor 4-prong 2mm 5mm 7mm dbl skin Ragnell Bunnell Tiemanns self-retaining x2
<u>Scissors</u> Gradles baby, mamma, papa bears black iris, straight & curved iris Stevens tenotomies Reynolds, Josephs long baby bears Wescotts	<u>Other</u> Baby Yankauer Marking Pens Raytecs folded 4 x 8 Cutting board, w/ blue silastic sheet Blue and Yellow silastic prep cups
<u>Tissue forceps</u> Castor Viejo forceps .5 & .3 05 Adsons Smooth Adson, angled Debakey	
<u>Needle holders</u> Smooth Webster, super-fines Castro-Viejo	

3rd MAYO – rasps, osteotomes, rongeurs, etc.

<u>Elevators</u> Joseph Key Tebbetts Freer Mccullough Aufricht	<u>Rongeurs</u> Pituitary rongeurs Takahashi rongeur Jackson-Middleton rongeur
<u>Bone</u> 3/4 rasp 2mm & 4mm osteotomes mallet	<u>Other</u> swivel knife Boies elevator, small and large