



*Surgically Correcting Facial Deformities
of the World's Youngest and Poorest*

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General and Surgical Supply List

Face the Challenge is a humanitarian non-profit organization and does not sell any merchandise whatsoever. Nor do we provide any referral services for surgical supplies vendors. The supplies shown below are simply a reference list for surgical trip planning purposes.

NOTE: Where prices are included in this list, they reflect relative costs for recent purchases. The quantities of the supplies on this list are aimed at being sufficient for ~30-50 facial surgeries. For other items needed for performing surgeries abroad, please refer to other FTC Lists: Anesthesia, Medications, Equipment, Suture, Surgical Instruments, etc. at www.facethechallenge.org: Resources Section Including but not limited to:

Screening Supplies:	Quantities:
Team Member Pin-On Name Tags, w/names and titles inscribed	1/member
<u>Laboratory Coats, especially for surgeons for screenings, rounds</u>	1/member
<u>Surgical Scrubs</u> 2 sets/team member	1 pair/member
Operating Room Shoes	
Tongue Blades, Non-Sterile, Pre-pkg, 500/box, 5 1/2"	100-200
Flashlights, compact size, Penlights, batteries, bulbs	4 + "some"
Lip Retractors (Pediatric and Adult) ** Cold sterilize and reuse** **Include some masks, exam gloves in screening supplies, too**	10 pairs
Instax Mini Cam 8, instant film, 2 boxes, 2 (10x5 pks.), case(s)	1-2 cameras
<u>Pocket-size otoscope, batteries</u>	1
1 Magnifying glass with mini-light	1
Portable printable, cords, photo paper, scissors	
Name Placards for Prospective Patients	80 (anticipate 40-100 screened)
Patient Charts, already collated, including:	
Pre-Surgical Screening Exam Sheet	
Facial Anatomy Diagrams Sheet	
Consent Form	
Operative Report	
Anesthesia Record	
Post-Op Orders	
Recovery Room Record	
Patient Pain Perception Graphic Scale	
"Charts" held in individual top-load, clear page protectors	
4 - 2" binders, 3-ring notebooks, 1 for ea. OR table	
Metal Clip Boards **Metal is heavier, but more durable in transport**	4-6

Operating Schedules	25 - Enough for 4 OR tables + PACU for 5 days
Pens, Sharpies, Highlighters	"Some" according to need
Staplers, staples, mini-staple remover, White-Out, ruler, double-stick tape, rubber bands, paper clips, clasps, sticky notes, etc.	
Pulse Oximetry + Probes – Hand Held and Finger Sized, batteries **See FTC's EQUIPMENT LIST**	2-4
<u>Temporal Scanner Thermometers (battery-operated)</u>	2-4
Stethoscopes for screenings, in OR, in PACU and on post-op wards	Team members' own
Autoclave Supplies:	Quantities:
Autoclave Wrap CSR, 30" x 30", 100/box, ~\$24.34/box **Include 1 box for double-wrapping own surgical towels**	2 boxes
Autoclave Tape, 1/2" X 60 yd. **Consider sterilizing surgical towel packs before the surgical trip**	6 rolls
Steam Chemical Indicator Strips, 3M Comply x 250, 5/8" x 8", white to dark brown/black, monitors all 250F & 272F gravity & vacuum-assisted steam sterilization cycles	300-500 strips
Caps, Hats, Masks, Shoe Covers:	Quantities:
Surgeons' Caps w/string ties, 100/box	2 boxes
Bouffant Caps, 21' Blue	2 boxes (100/box)
Masks, Horizontal Tie-Ons, 50/box	5 boxes
Shoe Covers, Non-Conductive, 100/box	4 boxes
Gloves:	Quantities:
Non-Sterile Exam, Small, 100/box	4 boxes
Non-Sterile Exam, Medium, 100/box	4 boxes
Non-Sterile Exam, Large, 100/box	4 boxes
Sterile, Tri-flex, Size 6.0, powdered, latex, 50/box **Powdered, non-powdered, latex-free, . . Protexis undergloves**	2 boxes
Sterile, Size 6.5	4 boxes
Sterile, Size 7	4 boxes
Sterile, Size 7.5	6 boxes
Sterile, Size 8	4 boxes
Sterile, Size 8.5	2 boxes
Gowns:	Quantities:
Not always worn during cleft cases	
Small, sterile, 20/box	2 boxes (see below)
Medium, sterile, 20/box, (Sm./Med. combination size)	2-3 boxes
Large, sterile, 20/box	2 boxes

X- Large, sterile, 20/box	3 boxes
Angiocatheters:	Quantities:
18 ga, 1.25", 150/box	15-20
20 ga, 1.25", 150/box	15-20
22 ga, 1.00", 150/box	15-20
24 ga., 0.75" for anesthesia	15-30
Intravenous Administration Supplies:	Quantities:
Tegaderm/Polyskin II or Repara (biocclusive transparent drsg.), 2" x 3", 100/box	2 boxes
Razors (disposable)	10 razors, optional
IV Prep./Start Sets,	50 sets
Skin-Prep. Protective Wipes, 50 wipes/box	1 box
IV Administration Sets (Continu-Flo, 2-Site; 3-Site, 109", 10 gtt/ml)	25
IV Administration Sets, 60 gtts/ml	25
Buretrol Solution Sets, 117", 150 ml micro-drip chamber with fill, ball valve, 2 inj. sites, male luer slip adapter, 60 gtt/ml	10-25 ea
IV Extension Tubing, 34" or 45", Luer-Lock/male slip adapter, microbore, sterile, 2-Inj. Site	25-50 extensions
Tubing Connectors, 6 mm X 10"	2 cases
T-Connectors, Baxter interlink system, extension set, inj. site, with male luer-lock adapter, 6" long, sterile	~15
Pediatric arm boards	5-10
Intravenous Fluids:	Quantities:
May be able to buy via host hospital staff	
Lactated Ringer's solution (LR), 500ml bag	50 bags
Irrigants, Diluents:	Quantities:
Bacitracin Powder, irrig. 50000 units/vial, **Refrigerate** **Sometimes long back-orders** **Please see FTC MEDICATIONS LIST**	30 vials
Bacteriostatic Sterile Water, for inj, 25 vials/box	Optional
Sodium Chloride, 0.9%, for Inj., 20 ml SDV, 25/box	Optional
Sodium Chloride, 0.9%, for Irrig., 500 ml **As needed, via host hospital staff**	
Lubricants:	Quantities:
Lubricating Jelly, Sterile, 4 oz.	4 tubes
Lacri-Lube (lanolin/mineral oil/petr. opth), 3.5 gm	10 tubes
Needles/Needlecounters:	Quantities:
18 ga, 1.5", A bevel 100/box	1-2 boxes

20 ga, 1.5" , A bevel 100/box	1-2 boxes
22 ga, 1.5", A bevel 100/box	2 boxes for surgery & PACU
27 ga, 1.5" 100/box	2 boxes
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BD Blunt fill needles, 18 G, 1 ½", (1.2mm x 40 mm), 100/box	
1-2 boxes	
Stryker MicroDissection Needle, for precise electro-surgery, tungsten alloy, polished tip	10-15
Foam block or foam needle holders, and/or magnetic needle counters, 60 count capacity, w/blade removal, boxlocks, 8/box, 64 boxes/cs	As needed/desired
Syringes:	Quantities:
1 cc, tuberculin, 25 x 5/8", 100/box	1-2 boxes
3 cc Luer Lock tip, w/ and w/o ndls, 100/bx	1-2 boxes
5 cc LL tip, or 6 cc LL tip, w/o ndls., 100/bx	1-2 boxes
10 cc LL (w/ and w/o ndls.), 100/bx	2 boxes
12 cc control, LL tip, 25/box	3 boxes
60 cc Bulb (Asepto) Syringes, regular luer, irrig., sterile, 50/box,	2 boxes
Anti-Microbial/Cleaning Agents:	Quantities:
Scrub Brushes E-Z (PVP Impregnated), 30/box	2 boxes
Scrub Brushes E-Z (Chlorhexidine Impregn.), 30/box **Preferred**	2 boxes
Chlorhexidine gluconate, 4% w/v, anti-septic/anti-microbial, 1 gal. with pump **May opt to use host staff cold sterilization solution**	1 gal.
Metrizyme (Glutaraldehyde Soln. 2.4%, 28-day) spray btl. for cold sterilization, e.g. E-T tubes, tables **May opt to use host's supplies**	2 btls.
Isopropyl Alcohol **Use in-country supplies**	1 btl.
Alcohol Prep Pads, Sterile, Med., 2-ply, 200/box	4 boxes
Hydrogen Peroxide **Use in-country supplies**	2 btls.
Povidone Iodine 10% topical solution/paint, anti-septic/germicide, 1 gal. **For cleft lip/palate cases**	2-4 - 1 L btls (preferred) or 1- gal.
Povidone Swab Sticks, 1/pkg., 50/box	1 box
Anti-bacterial Handi-Wipes	200-400
Liquid Anti-bacterial Hand Soap Pumps	2 pumps
Liquid Hand Sanitizer Pumps, Rinse-Free	2 pumps- waterless hand sanitizer
Paper Towels	4 rolls
Biohazard:	Quantities:
Sharps Containers, 4 qt, red **Or use host's containers**	2-4

Biohazard Bags

10-20, large

Safety Goggles

5 + team members' own

Items for Custom Sterile Surgical Packs:

Quantities:

**Customized Precision Basic Surgical Pack
(1.7 lbs/pk)**

for 20-50 cases

1 blade surgical #15 rib back carbon steel
1 bowl sol 32 oz 1000 cc
1 counter ndl 20 ct mag foam bl
1 cover ack tbl 44" x 78", 2.25 mil
1 cup med grad 2 oz 60 cc
1 drape head w/turban
1 gown surg lg unrnf SMS
1 insert - PSS lg contents
1 marker skin classic reg tip
1 pen es rocker w/hols 1" bld
1 pouch 18 "x 22" cb 4.00 m
1 sponge gauze 4"x 4" 16 ply x-ray
1 tape bk tbl cover
1 tray foam 10" x 14"

OR **If putting together own surgical packs, consider including the following**

Huck Blue Surgical Towels, 17" x 27"

50 + 200 (4 ea.) for 50 packs

Half-Sheet, sterile, utility drapes, fan-fold, 5' x 5', 10/box

1 box + 5 boxes for 50 packs

Basins, small metal bowls

Will use Ray-Tec (X-Ray Detectible) containers as basins

"A few" metal basins

Cautery Holders + Holsters (**See EQUIPMENT LIST**)

Split Sheet, Barrier II, w/tails, sterile, 77"X 100", 13/case, 1 case + 20-50 for packs **Costly**

Mayo Stand Cover, sterile, 23" wide, reinforced, 22/case, 3 boxes + 50 for packs

Back Table Cover, sterile, 55" x 85", 22/case

Gowns, Sterile Back w/Towel. Small/Medium and X-Large for Custom Surgical Packs, 20/case

3 boxes Sm./Med. for 20-50 packs

3 boxes X-Large for 20-50 packs

For add'l gowns, see 5 GOWNS, above in this list

X-Ray Detectable Sponges (Ray-tec/or Vistec-KENDALL), 16-ply, 4"x

4", rayon, 10 gauzes/tray, 135 tray/case, **Costly**

50 trays (10 gauzes/tray/OR pack) + "some" for other surgeries

AND/OR - If assembling own surgical packs

20-50

20-50 shrunk-wrapped surgical packs prepared in advance to minimize

OR set-up time:

1-Sm./Med. gown

1-X-Large gown

2-pr. surgical gloves, size 6 1/2
 2-pr. surgical gloves, size 7
 2-pr. surgical gloves, size 7 1/2
 1-pr. surgical gloves, size 8
 1-Split sheet
 1-Mayo stand cover
 1-Back table cover
 4-Huck surgical towels, 17" x 27"
 (pre-sterilized, then shrunk-wrapped)
 1-box (10/box) Ray-Tec gauze sponges
 1-#15 surgical blade
 1-18 gauge needle
 1-27 gauge needle
 1-10 cc syringe
 1-60 cc Asepto bulb irrigation syringe
 1-Yankauer tip suction, with vent
 1-pkg. suction tubing, 1/4" x 10 ft.

Packs, Sponges, Chux:

Quantities:

Throat Packs w/tails, 5 cm x 2 cm, x-ray detectable, 50/case	20-30
Laparotomy Sponges, sterile, 12" x 12", 4-ply, tray, banded 5's, 100/case	"Some"
Chux, clean, plastic back, 17" x 24", 300 pads/cs	20-30
Sponge, utility, 1 qt.	30

Marking agents:

Quantities:

Skin Markers (sterile, regular tip, with ruler & label), 25/box	1 box
Methylene Blue, 1% 10 ml SDV 10S, ~\$14.00/btl.	5 btls.

Scalpels:

Quantities:

#15 Scalpel Blades, CS, Surgical Steel, Rib Back	2 boxes
#15C Scalpel Blades, Surgical Steel, 50/box	1 box
#11 Scalpel Blades, Surgical Steel 100/box	1 box

Binding, Hemostatic, Strengthening Agents:

Quantities:

(**Also see FTC SUTURE LIST**)

Steri-Strips/Strip Suture, 1/4" X 4"	1 box
Band Aids, 1", adhesive strips	200
Bone Wax, Ethicon W31G, for hemostasis on bone surfaces, 2.5 gm, 12/box	1 box
Dermabond, 2-octyl cyanoacrylate, topical skin adhesive, DHV12, **for cleft lip closures**, 12/box **Keep cool**	3 boxes (Optional)
Ligating Clips, Ethicon LT200 medium endo-surgery, 6 titanium clips/cartridge	"Some"
Hemostat Absorb/Surgicel (cellulose, oxidized-regen cellulose), bndg, sz 1/2" x 2" and/or 2" x 3" (preferred), 12/box **Costly**	1 box
Gelatin Sponge/Gel Foam, absorbable, Size 100, 100 mm compress, 6/box, **For hip grafts** **Costly**	1 box
Tincture of Benzoin/Mastisol, skin adhesive, crush vials, 3 ml, 40/box,	1 box

External Nasal Splint Kit, Medium (Medtronic/Xomed), prep pads, skin closure tapes, dorsum pad, splint, sizes petite, mini, and medium, 2 ea.	2 ea. of three sizes
Surgical Drains:	Quantities:
Jackson-Pratt Drains, silicone, flat, 4 mm x 7 mm x 20 cm square, full PE, 10/box	1 box
Vacutainers, closed-suction drains with thin tubing **For ear reconstructions**	3-5
Incisional/Wound Care:	Quantities:
Cotton-Tip Applicators, clean, 6", 100/box	1 box
Cotton-Tip Applicators, sterile, 6", 2 ea./pkg	100 pkgs.
2" x 2" Gauze, non-sterile, 8-ply, 200/bag	"Some" for anesthesia, PACU
2" x 2" Gauze pads (2400 ea/case)	"Some" for general use
4" x 4" Gauze, sterile, 10-Count	"Some" for surgery
Non-Adhering Dressings, 3" x 3", sterile, 50/box	2 boxes
Triple antibiotic ointment, 0.9 Gm, x100 pkts	1 box
Xeroform Non-Adherent drsg. fine mesh gauze impregnated w/petrolatum & 3% bismuth tribromophenate (xeroform-deodorizing)	"Some" of various sizes
Vaseline Gauze, 3" x 3" and 3" x 9", oil emulsion, non-adherent drsg., 50/box	2 boxes
Kerlix Gauze Drsg., Small, Sof-Krimp, 6-ply, non-sterile, 2.25" x 3 yds., stretched, 100/case	15-20 rolls
Kerlix Gauze Drsg., Large, Sof-Krimp, 6-ply, non-sterile, large, 4.5" x 4.1 yds., stretched, 12/box	15-20 rolls
Coban Adhseive Wrap Bandage, 2" and 4"/ Flex-Wrap 2" x 5 yds bulk (18/box)	1 box of each, 2" and 4" wide
Tape: Paper, Plastic, Cloth, "HY" (Pink Tape):	Quantities:
Transpore Plastic Clear Tape, 1" x 10 yds, 12 or 24 rolls/box	1-2 boxes
Micropore Paper Tape, 1", 12/box	1-2 boxes
Silk Tape, 1"	1-2 boxes
Hy-Tape (Pink) 1/2", 24 rolls/box	6 rolls
Staplers, Suture Removal Trays, Scissors:	Quantities:
Skin Staplers, sterile, Cricket-Style/Precise disposable, 12/box	12-20
Skin Staple Removal Trays	5
Suture Removal Trays/DLX 50C (Littauer scissors/suture forceps/12-ply 3" x 3" gauze) 50C	10
Bandage Scissors, 5 1/4" & 7 1/2"	"Some"
Respiratory Care: (**See also FTC Anesthesia List**)	Quantities:
Yankauer tip suction, with vent, 100 ea.	30-50 tips

Suction tubing, 1/4" x 10 ft., 50/cs	2 cases
Nasal cannulas	~20
Naso-gastric Tubes:	Quantities:
6 French,	5-10 of ea.
8 French,	
10 French,	
12 French,	
14 French	
16 French, . . . Levine or Kendall Argyle Salem sumps w/anti-reflux valves (AVRs), extra tube for air in stomach, 2 passages, 48", 10/box or 50/case	5-10
Oral Care/Gastro-Intestinal (GI) Supplies:	Quantities:
Emesis Basins, 10", curved	20
Mouth Moisturizers (lemon glycerin swabs), 3/pkg	50 pkgs for PACU
Genito-Urinary (GU) Supplies (Trays and Catheters):	Quantities:
Precision urimeters, needleless precision 400 u/m	10
Foley Catheters (as below):	3-5 ea.
8 French (Pediatric), Lubricated, 3 ml Balloon	
10 French (Pediatric), Lubricated, 3 ml Balloon	
12 Fr, lubr., 5 ml balloon	
14 Fr, lubr., 5 ml balloon	
16 Fr, lubr., 5 ml balloon, tray	
18 Fr, lubr., 5 ml balloon, tray	
Urinary Catheter Sets (with Drainage Bags, 2000 ml w/spouts), 10/case	5-10
Recovery Room, Assorted Supplies:	Quantities:
Arm Boards, pediatric, with velcro	10
Disposable diapers, infant-toddler sizes	~20
Kwik-Kold, instant ice packs, 5" x 5.5", single-use, disposable **If allowed on flights** **Ask hosts if crushed ice is available**	4-6
Packing Supplies:	Quantities:
NOTE: **Plan well. Establish a workable bag tag system. **	
Anticipate that some pieces of luggage will be "lost" or misplaced en route to/from destination	
Have a tracking/contingency plan	
Assorted tape:	1 roll of ea.
Strapping, duct, masking,	
Scotch, double-sided Scotch,	
electrical, autoclavable colored tape for surgical instrument sets, etc.	
Labels/Tags:	various
Luggage Logo Identification Labels	
Destination tags (2-way flight info, hotel info)	

"Fragile" Labels
 "Heavy" Labels
 Multi-Purpose Labels, removable, various sizes
 Color-Coded Tags, 3-4 attached to ea. piece, for pulling/accounting at ea. airport

Velco Ties, to secure electrical & other cords

Nylon Ties, to secure bags' zippers' eyes together
 (vs. padlocks and keys for the bags)

Itemized Luggage Contents Lists, prepared in advance, for each piece of luggage for Customs Officials

Markers, Sharpies

Small cardboard boxes and plastic containers As needed

Insulated, padded zippered bags, for transporting temperature-sensitive meds. and tissue transplants 2-4

Bubble wrap, Foam, Plastic Ziploc bags (snack, sandwich, quart, 1 ½ gal., and 2-gal. sizes)

Repair kit, with various small tools (wrench, screw drivers, small hammer, etc.) 1

Team Beverages/Snacks:

Quantities:

Drip Coffee Maker (Optional) w/convertor (in not bought in-country) 1 (Optional)

Ground Coffee 2 lbs

Filters 1 box

Cerelyte Powdered electrolyte replenishment 10 pkts.

Healthy snack bars Several

Duffels/Trunks/Suitcases/Containers:

Quantities:

Enclose itemized list on contents at top of each piece of luggage
 Include at "To Whom it May Concern Letter with organization letterhead explaining intended use for luggage contents

Wheeled Duffels (NOTE: 50 lb. total weight limit/bag) 20-25

Trunks/Hard-Sided Suitcases ****Sometimes too cumbersome**** 1-2

Customized Containers for Fragile Equipment As needed

Gifts: Host Surgical Staff:

Quantities:

Donated equipment, surgical instruments, medical and surgical texts and journals

Team logo shirts, baseball caps, surgical caps and bouffant hats, logo pens, penlights, heart-in-hand pins, etc.

Gifts: Patients/Families/Orphans:

Quantities:

"How We Care Kits"
(In Memory of Dr. Howie Hendricks, FTC Advisory Board Member, d/ February 2013) 25-50 "Howie Care Kits"
 Patient care small zippered FTC logo travel bags Any or all of these items per bag; enough for actual patients who received surgeries

Travel-Size Personal Care Items including: soap, shampoo, toothbrushes/paste, lip balm, hand mirror, comb and brush, hair clips/bands, Band-Aids, pen, pad, post card, stickers

Multi-Vitamins (Infant, Pediatric, Pre-Natal, and/or Adult)

Any number of btls. of vitamins and other medications for distribution in orphanages, as space and weight will allow; may be able to obtain through: www.AmericaresFoundation.org

Various Medications useful in orphanages: Cough syrup, broad-spectrum antibiotics, antibiotic ointments., anti-itch ointments, etc.

For Distribution (during screenings and on post-op wards:

Regional post cards, pens, pencils, stickers

Stuffed Cowboy the Kid Teddy Bears, new, 6"-8" in length, www.douglastoys.com , with attached laminated "well-wishes" notes, contained in sealed plastic seal bags

25-50, as space allows

Washcloths, Hand Towels

25-50 each, as space allows

Fleece Blankets, infant/toddler size

Especially for PACU and Post-Op ward, as space/weight allow

GHR 8/14