Appendix C: Medical Face Shield

Medical Face Shield

General Guidelines:
- Wait for 14 days after full recovery from any recent illness before participation
- Please follow the CDC, State, County and Hospital Guidelines regarding personal precautions
- Start with clean hands after washing with soap and water for at least 20 seconds and sanitize tools, stations and work area. Please keep family pets away from work area.
- Collectively infuse positive vibrations throughout the process by chanting prayers and devotional songs
- The initial trial unit may be worn to be tested as shown in some of the videos and instructions, but the units to be donated should not be worn.
Materials and Fabrication Supplies

**Materials List**
- Acetate sheet: 5 mils, 8.5” X 11”
- Ribbon: 9” X 3/8”
- Foam: Insulation – ¾” or 1” X 9”
- Elastic Band: 21” X 1/4”
- Coat Hangar Wire: 4”

**Fabrication Tools List**
- Scissors (Sharp) : Office
- One Hole Puncher:
- White Printing Paper: 8.5” X 11”
- Rice Cooker Cup: 3” F
- Shape wire needle: Thread Ribbon
- Sharpie marker pen
Fabrication Process Steps

- Make shield template
- Cut hangar wire, shape ‘needle’

Cut Acetate sheet (shield)

Cut Ribbon to hold shield: 9”

Cut Foam for Shield Support: 9”

Cut Elastic Band: 21”

- Cut corner radius
- Punch holes—ribbon
- Mount acetate on foam and thread ribbon
- Slide elastic band in place
Supplier - base

Acetate Alternative - 5 mil Sheets

Foam support - 3/4"
Supplier - base

Polyester 5 Colors 10 yards each on e-bay

Elastic band 1/4" 10 yds on e-bay
Fabrication Process Steps
Fabrication Process Steps
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Fabrication Process Steps

9” Long
Fabrication Process Steps: Final

- Elastic band 21” placed in ‘slit’
- Foam Support
- Acetate Shield
Face Shield with baseball cap

- Material needed
- Baseball hat
- Paper Clips
- Velcro
- Acetate sheet 10ml thick