

## APPENDIX A. SURVEY QUESTIONS

1. Please indicate your primary role in the field of prosthetics and orthotics.
  - a. Student
  - b. Resident
  - c. Technician
  - d. Certified Prosthetist/Orthotist
  - e. Certified Prosthetist
  - f. Certified Orthotist
  - g. Other (Please specify)
2. How many years have you been working in the field of prosthetics and orthotics?
  - a. 0-5
  - b. 6-10
  - c. 11-15
  - d. 16-20
  - e. 21-25
  - f. 26-30
  - g. 31-35
  - h. 36 or more
3. On average, how many days per week do you leave your home office to treat patients in other settings (e.g. hospitals, patient homes, skilled nursing facilities, or similar locations)?
  - a. I do not leave my home office to treat patients
  - b. 1-2 days/week
  - c. 3-4 days/week
  - d. 5 or more days/week
4. Please indicate what you believe is the definition of a “fomite.”
  - a. An infectious disease strain commonly found in hospitals
  - b. A toxic piece of dust made of foam
  - c. A disinfectant spray
  - d. An item that can transfer disease from one individual to another
  - e. A device used to sterilize equipment used in medical facilities
  - f. I don’t know
5. To the best of your knowledge, does your place of work have a designated Infection Control Coordinator?
  - a. Yes, my place of work has an Infection Control Coordinator
  - b. No, my place of work does not have an Infection Control Coordinator
  - c. I do not know if my place of work has an Infection Control Coordinator
6. Please indicate to what extent you agree with the following statement: Patients who receive prosthetic or orthotic treatment are at risk of disease cross contamination from their *device*.
  - a. Strongly agree
  - b. Agree
  - c. Undecided
  - d. Disagree
  - e. Strongly disagree

7. In the fabrication lab, if you have just finished working on a device, do you wash your hands before working on a different patient's device?
  - a. Always
  - b. Usually
  - c. About half the time
  - d. Seldom
  - e. Never
  - f. This does not apply to my role in the field of prosthetics and orthotics
8. For how long do you typically wash your hands while working?
  - a.  $\leq 5$  seconds
  - b. 6-10 seconds
  - c. 11-15 seconds
  - d. 16-20 seconds
  - e. 21-25 seconds
  - f. 26-30 seconds
  - g.  $>30$  seconds
  - h. I don't wash my hands while I'm at work
9. What do you think is the Centers for Disease Control and Prevention's minimum *recommended* length of time you should wash your hands?
  - a. 5 seconds
  - b. 10 seconds
  - c. 15 seconds
  - d. 20 seconds
  - e. 25 seconds
  - f. 30 seconds
10. Do you clean patient devices brought into your fabrication lab?
  - a. Always
  - b. Usually
  - c. About half the time
  - d. Seldom
  - e. Never
  - f. This does not apply to my role in the field of prosthetics and orthotics

10.b. What do you use to clean these devices? (open ended)
11. Do you clean tools in your fabrication lab prior to or after using them on each device?
  - a. Always
  - b. Usually
  - c. About half the time
  - d. Seldom
  - e. Never
  - f. This does not apply to my role in the field of prosthetics and orthotics

11.b. What do you use to clean your tools? (open ended)




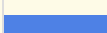


12. Do you clean casting liners, ill-fitting liners, or off the shelf orthotic devices before putting them back in the box to be fit on another patient?

- a. Always
- b. Usually
- c. About half the time
- d. Seldom
- e. Never
- f. This does not apply to my role in the field of prosthetics and orthotics

12.b. What do you use to clean ill-fitting liners or off the shelf orthotic devices before putting them back in the box to be fit on another patient? (open ended)

#### APPENDIX C. COMPLETE SURVEY RESPONSES, VERBATUM

Question 1:

| Answer                             |   | Response | %    |
|------------------------------------|---|----------|------|
| Student                            |   | 2        | 2%   |
| Resident                           |  | 7        | 6%   |
| Technician                         |   | 0        | 0%   |
| Certified<br>Prosthetist/Orthotist |  | 61       | 50%  |
| Certified Prosthetist              |  | 27       | 22%  |
| Certified Orthotist                |  | 20       | 16%  |
| Other                              |  | 6        | 5%   |
| Total                              |   | 123      | 100% |

|   |
|---|
| Other                                     |
| Owner 4 facility practice                 |
| Pedorthist/ orthotic fitter               |
| Certified Orthotist, Resident Prosthetist |
| Office Administrator                      |
| Office Mgmt                               |






Question 2:

| Answer     |  | Response | %    |
|------------|--|----------|------|
| 0-5        |  | 23       | 19%  |
| 6-10       |  | 20       | 16%  |
| 11-15      |  | 13       | 11%  |
| 16-20      |  | 11       | 9%   |
| 21-25      |  | 10       | 8%   |
| 26-30      |  | 10       | 8%   |
| 31-35      |  | 15       | 12%  |
| 36 or more |  | 21       | 17%  |
| Total      |  | 123      | 100% |

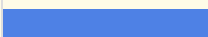


Question 3:

| Answer  |  | Response | %    |
|---|--|----------|------|
| I do not leave my home office to treat patients |  | 31       | 25%  |
| 1-2 days / week                                 |  | 57       | 46%  |
| 3-4 days / week                                 |  | 18       | 15%  |
| 5 or more days / week                           |  | 17       | 14%  |
| Total   |  | 123      | 100% |






Question 4:

| Answer   |   | Response | %    |
|--|---|----------|------|
| An infectious disease strain commonly found in hospitals         |    | 3        | 2%   |
| A toxic piece of dust made of foam                               |    | 0        | 0%   |
| A disinfectant spray   |    | 2        | 2%   |
| An item that can transfer disease from one individual to another |    | 58       | 47%  |
| A device used to sterilize equipment used in medical facilities  |   | 0        | 0%   |
| I don't know   |  | 60       | 49%  |
| Total  |   | 123      | 100% |

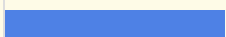





Question 5:

| Answer   |   | Response | %    |
|--|---|----------|------|
| Yes, my place of work has an Infection Control Coordinator             |  | 53       | 43%  |
| No, my place of work does not have an Infection Control Coordinator    |  | 56       | 46%  |
| I do not know if my place of work has an Infection Control Coordinator |  | 14       | 11%  |
| Total  |   | 123      | 100% |








Question 6:

| Answer            |   | Response | %    |
|-------------------|---|----------|------|
| Strongly agree    |  | 21       | 17%  |
| Agree             |  | 57       | 46%  |
| Undecided         |  | 15       | 12%  |
| Disagree          |  | 29       | 24%  |
| Strongly disagree |  | 1        | 1%   |
| Total             |   | 123      | 100% |







Question 7:

| Answer   |   | Response | %    |
|--|---|----------|------|
| Always   |  | 57       | 46%  |
| Usually  |  | 29       | 24%  |
| About half the time  |  | 14       | 11%  |
| Seldom   |  | 17       | 14%  |
| Never  |  | 1        | 1%   |
| This does not apply to my role in the field of prosthetics and orthotics |  | 5        | 4%   |
| Total  |   | 123      | 100% |



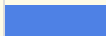



Question 8:

| Answer                                  |   | Response | %    |
|---|---|----------|------|
| Less than or equal to 5 seconds         |  | 3        | 2%   |
| 6-10 seconds                            |  | 27       | 22%  |
| 11-15 seconds                           |  | 27       | 22%  |
| 16-20 seconds                           |  | 22       | 18%  |
| 21-25 seconds                           |  | 15       | 12%  |
| 26-30 seconds                           |  | 12       | 10%  |
| Greater than 30 seconds                 |  | 17       | 14%  |
| I don't wash my hands while I'm at work |  | 0        | 0%   |
| Total                                   |   | 123      | 100% |

Question 9:

| Answer     |   | Response | %    |
|------------|---|----------|------|
| 5 seconds  |  | 1        | 1%   |
| 10 seconds |  | 2        | 2%   |
| 15 seconds |  | 17       | 14%  |
| 20 seconds |  | 41       | 33%  |
| 25 seconds |  | 4        | 3%   |
| 30 seconds |  | 58       | 47%  |
| Total      |   | 123      | 100% |

Question 10:

| Answer   |   | Response | %    |
|--|---|----------|------|
| Always   |  | 23       | 19%  |
| Usually  |  | 40       | 33%  |
| About half the time  |  | 26       | 21%  |
| Seldom   |  | 24       | 20%  |
| Never  |  | 4        | 3%   |
| This does not apply to my role in the field of prosthetics and orthotics |  | 4        | 3%   |
| Total  |   | 121      | 100% |

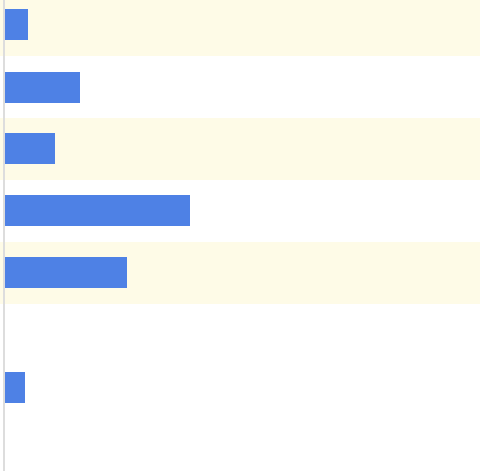


| Always  | Usually   | About half the time                                | Seldom                    |
|---|---|--|---------------------------|
| Disinfectant  | Alcohol   | No   | Alcohol, thinner, acetone |
| rubbing alcohol or lysol  | Alcohol disinfectant                            | Alcohol  | alcohol                   |
| clorox disenfectant   | Alcohol spray                                   | Alcohol  | Rubbing alcohol           |
| Alcohol   | Cavi wipes                                      | Alcohol or Clorox                                  | Acetone, alcohol          |
| Disinfectant spray<br>cleaning solution that<br>kills at 99.9+%   | Alcohol   | Bleach Wipes                                       | disinfectant spray        |
| PDI Sani-Wipes  | Acetone   | alcohol wipes or soap and<br>water                 | Cavicide disinfectant     |
| Alcohol   | Rubbing alcohol or<br>hospital wipes or thinner | disinfectant wipes                                 | Rubbing alcohol           |
| Bleech mix w sterile<br>water   | Alcohol   | Virox wipes  | Mek. Bleach and water     |
| sterifab  | hand soap + water                               | alcohol  | Acetone, Compressed Air   |
| sanitary wipe, soap and<br>water  | Rubbing alcohol                                 | soap, water, alcohol,                              | virox wipes               |
| alcohol   | antibacterial wipes                             | acetone and thinner                                | cavicide disinfectant     |
| clorox wipes, recens foam<br>hand sanitizer, rubbing<br>alcohol swabs, I give the<br>patients one "pass" and<br>assist with cleaning and<br>re-instruct, otherwise the<br>devices need to come in<br>clean or they can<br>reschedule. Our schedule<br>doesn't allow much room<br>to clean a heavily soiled<br>device. | 10% bleach or Lysol<br>spray                    | Rubbing alcohol,<br>sanitizing wipes or<br>solvent | hand disinfectant         |
| Alcohol   | Rubbing alcohol                                 | rubbing alcohol                                    | simple green              |
| Lysol Soap& water,<br>alcohol   | Isopropyl Alcohol                               | alcohol  | Lysol                     |

|  |   |                                   |  |
|--|---|-----------------------------------|--|
| disinfectant spray (outer surfaces), hydrogen peroxide wipes and/or spray alcohol for surfaces which touch skin  | rubbing alcohol, acetone, Fabtech cleaning wipes    | thinner                           |  |
| Bleach water mixture   | 3M cleaner, acetone, alcohol spray                  | Acetone or other moderate solvent |  |
| cavi wipes   | Disinfectant Wipes provided by our facility         | Alcohol, disinfectant spray       |  |
| Antibacterial soap, rubbing alcohol and sometimes acetone  | Cavicide  | antiseptic wipe                   |  |
| sometimes soap and water, clorox wipes, spray solution with alcohol, or diluted bleach and water spray...depends on the type of material that is being cleaned | alcohol or peroxide                                 | CAVICIDE                          |  |
| bleach solution  | acetone or alcohol                                  | alcohol                           |  |
| Peroxide Solution  | alcohol   | lysol; alcohol; acetone; thinner  |  |
| alcohol, madacide, diluted bleach  | Alcohol   | acetone or purell or lysol wipes  |  |
|  | IF there is bodily fluid present or pt in isolation | cavicide (when possible)          |  |
|  | alcohol or chlorox wipes                            | W                                 |  |
|  | ISO ALCOHOL   |                                   |  |
|  | alcohol   |                                   |  |
|  | Cavicide  |                                   |  |
|  | Disinfectant  |                                   |  |
|  | soap water and or rubbing alcohol                   |                                   |  |
|  | windex or master thinner                            |                                   |  |
|  | Rubbing alcohol                                     |                                   |  |

|  |   |  |  |
|--|---|--|--|
|  | SOAP / DISINFECTANT   |  |  |
|  | 90% Isopropyl saturation, Lysol or Hypochlorite solution. Depends on the circumstance and material. |  |  |
|  | rubbing alcohol   |  |  |
|  | Alcohol-- always my cranial helmets   |  |  |
|  | Anti-bacterial wipes/acetone  |  |  |
|  | alcohol or acetone  |  |  |
|  | Alcohol and disinfectant spray  |  |  |

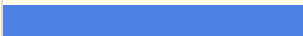





Question 11:

| Answer   |   | Response | %    |
|--|---|----------|------|
| Always   |  | 6        | 5%   |
| Usually  |   | 19       | 16%  |
| About half the time  |   | 13       | 11%  |
| Seldom   |   | 47       | 39%  |
| Never  |   | 31       | 26%  |
| This does not apply to my role in the field of prosthetics and orthotics |   | 5        | 4%   |
| Total  |   | 121      | 100% |

| Always  | Usually  | About half the time                           | Seldom                     |
|---|--|---|----------------------------|
| clorox  | Disinfectant   | Alcohol or Clorox                             | Alcohol                    |
| sterifab                                      | Alcohol  | disinfectant wipes                            | Cavi wipes                 |
| Thinner,acetone,Soap& water, alcohol          | Antiseptic hospital wipes  | Acetone/Barge Thinner                         | Sometimes                  |
| dilute spray of bleach/water, or clorox wipes | antibacterial wipes  | 3M Cleaner                                    | Alcohol                    |
| acholol                                       | The same as above  | Disinfectant Wipes provided by our facility   | air hose                   |
| alcohol                                       | cavicide wipes   | acetone/alcohol                               | Rubbing alcohol or solvent |
|   | disinfectant wipes   | Alcohol                                       | Bleach Wipes               |
|   | PDI Sani-Wipes or Alcohol  | Rubbing alchohol or stronger solvent          | Cavicide disinfectant      |
|   | Acetone or Alcohol   | Bleach/water                                  | Virox Wipes                |
|   | Cavicide   | depends on what tool and what it was used for | Rubbing alcohol            |
|   | Acetone or alcohol   |   | alcohol                    |
|   | only when device was know to be contaminated   |   | Alcohol.                   |
|   | sanitary wipe  |   | acetone                    |
|   | alcohol or thinner   |   | alcohol or acetone         |
|   | not between devices that have not been used yet, recnes foam instant hand sanitizer on cones or clorox wipes issued by infection control, counter surfaces and hard smooth surface tools get Super Sani germicide wipes (not to be used on things in direct contact with skin) |   | acetone and thinner        |

|  |   |  |  |
|--|---|--|--|
|  | acetone or rubbing alcohol  |  | Solvent  |
|  | 90% Isopropyl saturation, Lysol or Hypochlorite solution. Depends on the circumstance and material. |  | sanitizing wipes   |
|  |   |  | alcohol  |
|  |   |  | Mel    Bleach and water                                  |
|  |   |  | ACETONE  |
|  |   |  | Air, Towels  |
|  |   |  | Bleach or alcohol  |
|  |   |  | cavicide disinfectant                                    |
|  |   |  | Alcohol spray  |
|  |   |  | ANITSEPTIC WIPES   |
|  |   |  | acetone; thinner   |
|  |   |  | lysol wipes  |
|  |   |  | Always for cranials<br>Seldom for the rest of my devices |
|  |   |  | cavicide (when possible)                                 |
|  |   |  | Alcohol  |

Question 12:

| Answer   |   | Response | %    |
|--|---|----------|------|
| Always   |  | 77       | 63%  |
| Usually  |  | 15       | 12%  |
| About half the time  |  | 5        | 4%   |
| Seldom   |  | 9        | 7%   |
| Never  |  | 6        | 5%   |
| This does not apply to my role in the field of prosthetics and orthotics |  | 10       | 8%   |
| Total  |   | 122      | 100% |

| Always   | Usually  | About half the time   | Seldom  |
|--|--|-----------------------|---|
| Alcohol soap and water                               | Alcohol  | Soap and water        | Soap and water  |
| I try to not return them often                       | Soap   | Depends on the device | Liners alcohol, nothing for orthotics                                       |
| Soap and water                                       | always fit over a plastic interface  | disinfecting spray    | place a barrier on first between limb and liner such as Saran wrap or sock. |
| Alcohol spray  | soap/water for liners, rubbing alcohol or acetone                              | thinner               | we generally don't reuse products   |
| soap and water                                       | Alcohol or soap and water  | Bleach/water          | NEVER put them on an other patient  |
| Isopropyl alcohol or soap and water                  | alcohol  |                       | virox wipes   |
| soap for 1 min, then alcohol spray full then air dry | Air  |                       | rubbing alcohol   |
| Depends on the device and its proper care.           | hand sanitizer on silicone, otherwise use stockniette interface on cloth items |                       | T   |
| Liners cleaned                                       | ANTISEPTIC WIPES   |                       |   |
| Soap and water. Alcohol                              | hand disinfectant  |                       |   |
| Alcohol  | Same as above  |                       |   |
| antibacterial soap and water                         | alcohol or acetone   |                       |   |
| Alcohol  | Disinfectant wipes   |                       |   |
| clorox   |  |                       |   |
| Alcohol  |  |                       |   |
| antibacterial soap                                   |  |                       |   |
| Soap and alcohol                                     |  |                       |   |
| Soap and water, alcohol                              |  |                       |   |
| Isopropyl alcohol                                    |  |                       |   |

|  |  |  |  |
|--|--|--|--|
| Warm Soapy water   |  |  |  |
| alcohol, cavicide wipes,<br>or soap and water                              |  |  |  |
| soap and water   |  |  |  |
| disinfectant wipes   |  |  |  |
| soap/water   |  |  |  |
| Cavicide disinfectant  |  |  |  |
| Sunlight Liquid Soap   |  |  |  |
| Anti-Bacterial Soap  |  |  |  |
| Liquid soap and alcohol  |  |  |  |
| disinfectant soap & water  |  |  |  |
| Warm soap and water,<br>followed by spraying with<br>isopropyl alcohol 70% |  |  |  |
| Orthotic sock/soap and<br>water  |  |  |  |
| Soap/water and alcohol   |  |  |  |
| hand soap  |  |  |  |
| benzalkonium chloride  |  |  |  |
| alcohol  |  |  |  |
| alcohol  |  |  |  |
| spray disinfectant   |  |  |  |
| Hand soap  |  |  |  |
| Depending on the device  |  |  |  |
| soap/sanitizing wipes  |  |  |  |
| soap, alcohol  |  |  |  |
| disinfectants  |  |  |  |
| alcohol  |  |  |  |
| soap water and sanitary<br>wipe  |  |  |  |



|  |  |  |  |
|--|--|--|--|
| SOAP/WATER ISO<br>ALCO   |  |  |  |
| bzk  |  |  |  |
| soap&water/alcohol   |  |  |  |
| Use a barrier between<br>item and patient  |  |  |  |
| Soap& water, alcohol   |  |  |  |
| soap and water or alcohol  |  |  |  |
| Soap & water, as<br>instructions tell patients to<br>do  |  |  |  |
| soap and water or<br>disinfectant spray  |  |  |  |
| Soap and water   |  |  |  |
| We do not allow double<br>use/multiple contact of<br>liners or socks ect   |  |  |  |
| disinfectant spray (outer<br>surfaces), hyrdogen<br>peroxide wipes and/or<br>spray alcohol for surfaces<br>which touch skin - soft<br>goods are not reused |  |  |  |
| SOAP / ALCOHOL   |  |  |  |
| soap and alcohol   |  |  |  |
| antibacterial soap and<br>alcohol  |  |  |  |
| soap and water   |  |  |  |
| soap and water, followed<br>by spraying alcohol on the<br>liners   |  |  |  |
| follow manufacturers<br>instructions; typically<br>soap and water  |  |  |  |

|  |  |  |  |
|--|--|--|--|
| Liners and non-porus:<br>antibacterial soap and<br>water. 90% Isopropyl<br>saturation, Lysol or<br>Hypochlorite solution for<br>porus materials. |  |  |  |
| clorox wipes   |  |  |  |
| rubbing alcohol  |  |  |  |
| Soap and water   |  |  |  |
| soap and water followed<br>by isopropyl alcohol  |  |  |  |
| acholol  |  |  |  |
| Soap and water for liners<br>and rubbing alcohol   |  |  |  |
| alcohol  |  |  |  |