**Appendix A**

**What is your current postgraduate level? \***

*   Attending < 5 years
*   Attending 5-10 years
*   Attending 10-20 years
*   Attending > 20 years
*   Resident or fellow

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Count of What is your current postgraduate level? |  |  |  |  |  |  |
|  | Attending < 5 years | Attending > 20 years | Attending 10-20 years | Attending 5-10 years | Resident or fellow | Grand Total |
| Cardiac surgery | 3 | 10 | 10 | 4 | 1 | 28 |
| Non-cardiac general thoracic surgery | 3 | 1 | 5 | 8 | 0 | 17 |
| Grand Total | 6 | 11 | 15 | 12 | 1 | 45 |

**What best describes the majority of your clinical practice or focus of training? \***

*   Cardiac surgery
*   Non-cardiac general thoracic surgery
*   Vascular surgery
*   General surgery
*   Critical care

**In which of the following aspects do you dedicate the majority of your professional time? \***

*   Clinical practice
*   Basic science
*   Clinical or translational research
*   Teaching or other educational activities

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| In which of the following aspects do you dedicate the majority of your professional time? |  |  |  |  |
|  | Clinical or translational research | Clinical practice | Teaching or other educational activities | Grand Total |
| Cardiac surgery | 0 | 27 | 1 | 28 |
| Non-cardiac general thoracic surgery | 2 | 15 | 0 | 17 |
| Grand Total | 2 | 42 | 1 | 45 |

**Approximately how many lung transplants do you PERFORM per year? \***

*   < 5
*   5-10
*   10-20
*   More than 20

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Count of Approximately how many lung transplants do you PERFORM per year? |  |  |  |  |  |
|  | 10 to 20 | 5 to 10 | less than 5 | More than 20 | Grand Total |
| Cardiac surgery | 7 | 4 | 6 | 11 | 28 |
| Non-cardiac general thoracic surgery | 5 | 6 | 5 | 1 | 17 |
| Grand Total | 12 | 10 | 11 | 12 | 45 |

**Approximately how many lung transplant patients do you MANAGE per year? \***

*   < 5
*   5-10
*   10-20
*   More than 20

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Count of Approximately how many lung transplant patients do you MANAGE per year? |  |  |  |  |  |
|  | 10 to 20 | 5 to 10 | less than 5 | More than 20 | Grand Total |
| Cardiac surgery | 3 | 2 | 8 | 15 | 28 |
| Non-cardiac general thoracic surgery | 5 | 3 | 3 | 6 | 17 |
| Grand Total | 8 | 5 | 11 | 21 | 45 |

**Approximately how many lung transplants are performed at your INSTITUTION per year? \***

*   < 5
*   5-10
*   10-20
*   More than 20

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Count of Approximately how many lung transplants are performed at your INSTITUTION per year? |  |  |  |  |  |
|  | 10 to 20 | 5 to 10 | less than 5 | More than 20 | Grand Total |
| Cardiac surgery | 3 | 1 | 4 | 20 | 28 |
| Non-cardiac general thoracic surgery | 4 | 1 | 2 | 10 | 17 |
| Grand Total | 7 | 2 | 6 | 30 | 45 |

**What is the oldest RECIPIENT you would consider transplanting? \***

*   50
*   55
*   60
*   65
*   70
*   75
*   Older than 75

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Count of What is the oldest RECIPIENT you would consider transplanting? |  |  |  |  |  |  |
|  | 55 | 65 | 70 | 75 | Older than 75 | Grand Total |
| Cardiac surgery | 2 | 2 | 7 | 9 | 8 | 28 |
| Non-cardiac general thoracic surgery | 0 | 3 | 12 | 1 | 1 | 17 |
| Grand Total | 2 | 5 | 19 | 10 | 9 | 45 |

**What is the oldest DONOR you would consider? \***

*   30
*   40
*   50
*   55
*   60
*   Older than 60

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Count of What is the oldest DONOR you would consider? |  |  |  |  |  |
|  | 50 | 55 | 60 | Older than 60 | Grand Total |
| Cardiac surgery | 2 | 5 | 7 | 14 | 28 |
| Non-cardiac general thoracic surgery | 1 | 4 | 7 | 5 | 17 |
| Grand Total | 3 | 9 | 14 | 19 | 45 |

**In a donor over 50 years of age, what would be your upper limit for cold ischemic time? \***

*   2 hours
*   3 hours
*   4 hours
*   6 hours
*   Over 6 hours
*   Would not transplant with donor that age

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Count of In a donor over 50 years of age, what would be your upper limit for cold ischemic time? |  |  |  |  |  |
|  | 3 hours | 4 hours | 6 hours | Over 6 hours | Grand Total |
| Cardiac surgery | 1 | 5 | 14 | 8 | 28 |
| Non-cardiac general thoracic surgery | 0 | 4 | 9 | 4 | 17 |
| Grand Total | 1 | 9 | 23 | 12 | 45 |

**For the following diagnoses, please select if you would prefer single or double lung transplantation. \***Assume an otherwise healthy 50-year old patient with no comorbidities, no prior surgeries, and no other complicating factors.

|  |  | Single | Double |  |
| --- | --- | --- | --- | --- |
| Idiopathic Pulmonary Fibrosis |  |  |  |  |
| COPD |  |  |  |  |
| Primary Pulmonary Hypertension |  |  |  |  |
| Count of For the following diagnoses, please select if you would prefer single or double lung transplantation. [Idiopathic Pulmonary Fibrosis] | |  |  | |  | |
|  | | Double | Single | | Grand Total | |
| Cardiac surgery | | 18 | 10 | | 28 | |
| Non-cardiac general thoracic surgery | | 15 | 2 | | 17 | |
| Grand Total | | 33 | 12 | | 45 | |

|  |  |  |  |
| --- | --- | --- | --- |
| Count of For the following diagnoses, please select if you would prefer single or double lung transplantation. [COPD] |  |  |  |
|  | Double | Single | Grand Total |
| Cardiac surgery | 20 | 8 | 28 |
| Non-cardiac general thoracic surgery | 14 | 3 | 17 |
| Grand Total | 34 | 11 | 45 |

|  |  |  |  |
| --- | --- | --- | --- |
| Count of For the following diagnoses, please select if you would prefer single or double lung transplantation. [Primary Pulmonary Hypertension] |  |  |  |
|  | Double | Single | Grand Total |
| Cardiac surgery | 26 | 2 | 28 |
| Non-cardiac general thoracic surgery | 16 | 1 | 17 |
| Grand Total | 42 | 3 | 45 |

**What is the highest body mass index (BMI) in a recipient you would consider for transplantation? \***

*   30
*   35
*   40
*   Over 40

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sum of What is the highest body mass index (BMI) in a recipient you would consider for transplantation? |  |  |  |  |
|  | 30 | 35 | 40 | Grand Total |
| Cardiac surgery | 270 | 560 | 120 | 950 |
| Non-cardiac general thoracic surgery | 300 | 245 | 0 | 545 |
| Grand Total | 570 | 805 | 120 | 1495 |

**How would you manage a patient with an initial SINGLE LUNG transplant for COPD that fails secondary to bronchiolitis obliterans syndrome? \***Assume NO infection issues

*   Re-transplant with single lung, replace the native lung
*   Re-transplant with a single lung, replace the initial allograft
*   Re-transplant with a double lung
*   No re-transplantation

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Count of How would you manage a patient with an initial SINGLE LUNG transplant for COPD that fails secondary to bronchiolitis obliterans syndrome? |  |  |  |  |  |
|  | No re-transplantation | Re-transplant with a double lung | Re-transplant with a single lung, replace the initial allograft | Re-transplant with single lung, replace the native lung | Grand Total |
| Cardiac surgery | 1 | 6 | 3 | 18 | 28 |
| Non-cardiac general thoracic surgery | 0 | 3 | 2 | 12 | 17 |
| Grand Total | 1 | 9 | 5 | 30 | 45 |

**How would you manage a patient with an initial DOUBLE LUNG transplant for COPD that fails secondary to bronchiolitis obliterans syndrome? \***Assume NO infection issues

*   Re-transplant with single lung
*   Re-transplant with double lung
*   No re-transplantation

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Count of How would you manage a patient with an initial DOUBLE LUNG transplant for COPD that fails secondary to bronchiolitis obliterans syndrome? |  |  |  |  |
|  | No re-transplantation | Re-transplant with double lung | Re-transplant with single lung | Grand Total |
| Cardiac surgery | 3 | 10 | 15 | 28 |
| Non-cardiac general thoracic surgery | 5 | 8 | 4 | 17 |
| Grand Total | 8 | 18 | 19 | 45 |

**Which of the following is most likely to deter you from performing a double lung transplant? \***

*   Need for cardiopulmonary bypass
*   Higher risk of certain postoperative complications
*   Limited availability of donor organs
*   Increased cold ischemic time

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Count of Which of the following is most likely to deter you from performing a double lung transplant? |  |  |  |  |
|  | Higher risk of certain postoperative complications | Increased cold ischemic time | Limited availability of donor organs | Grand Total |
| Cardiac surgery | 11 | 2 | 15 | 28 |
| Non-cardiac general thoracic surgery | 8 | 1 | 8 | 17 |
| Grand Total | 19 | 3 | 23 | 45 |

**How do you base size-matching between the recipient and donor? \***

*   Body mass index (BMI)
*   Height
*   Thoracic cavity size and/or body habitus
*   Total lung capacity and/or forced vital capacity
*   Do not size match

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Count of How do you base size-matching between the recipient and donor? |  |  |  |  |  |
|  | Body mass index (BMI) | Height | Thoracic cavity size and/or body habitus | Total lung capacity and/or forced vital capacity | Grand Total |
| Cardiac surgery | 1 | 11 | 13 | 3 | 28 |
| Non-cardiac general thoracic surgery | 0 | 9 | 5 | 3 | 17 |
| Grand Total | 1 | 20 | 18 | 6 | 45 |

**What is your most common reason for turning down a donor organ? \***

*   Secretions on bronchoscopy
*   Chest x-ray abnormality
*   Low PaO2 on arterial blood gas
*   Previous institution turned down the organ
*   Older donor age

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Count of What is your most common reason for turning down a donor organ? |  |  |  |  |  |
|  | Chest x-ray abnormality | Low PaO2 on arterial blood gas | Older donor age | Secretions on bronchoscopy | Grand Total |
| Cardiac surgery | 1 | 21 | 4 | 2 | 28 |
| Non-cardiac general thoracic surgery | 3 | 12 | 0 | 2 | 17 |
| Grand Total | 4 | 33 | 4 | 4 | 45 |

**Assuming 100% FiO2 and 5 of PEEP, what is the lowest PaO2 you would accept from a potential donor? \***

*   At least 350
*   At least 300
*   At least 250
*   At least 200
*   Would determine at procurement based on visualization
*   Would perform selective pulmonary vein blood gas analysis

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Count of Assuming 100% FiO2 and 5 of PEEP, what is the lowest PaO2 you would accept from a potential donor? |  |  |  |  |  |  |  |
|  | At least 200 | At least 250 | At least 300 | At least 350 | Would determine at procurement based on visualization | Would perform selective pulmonary vein blood gas analysis | Grand Total |
| Cardiac surgery | 2 | 5 | 9 | 3 | 1 | 8 | 28 |
| Non-cardiac general thoracic surgery | 0 | 2 | 12 | 0 | 2 | 1 | 17 |
| Grand Total | 2 | 7 | 21 | 3 | 3 | 9 | 45 |

**Which of the following controversies in lung transplantation do you believe deserves the most attention? \***

*   Upper limit of recipient age
*   Upper limit of donor age
*   Single versus double lung transplantation
*   Re-transplantation

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Count of Which of the following controversies in lung transplantation do you believe deserves the most attention? |  |  |  |  |  |
|  | Re-transplantation | Single versus double lung transplantation | Upper limit of donor age | Upper limit of recipient age | Grand Total |
| Cardiac surgery | 10 | 8 | 4 | 6 | 28 |
| Non-cardiac general thoracic surgery | 4 | 6 | 4 | 3 | 17 |
| Grand Total | 14 | 14 | 8 | 9 | 45 |

**What is one thing that can be done to address that controversy? Please feel free to leave any other comments.**