**Appendix 2. Survey Results: Frequency Tables**

Are you involved in the diagnosis and management of children with congenital heart disease?

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Sometimes 50% | 2 | 25.0 | 25.0 | 25.0 |
| Frequently 70% | 4 | 50.0 | 50.0 | 75.0 |
| Every time | 2 | 25.0 | 25.0 | 100.0 |
| Total | 8 | 100.0 | 100.0 |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Are you an: Adult Cardiologist: yes | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | 1.00 | 8 | 100.0 | 100.0 | 100.0 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| During your cardiology training, how much paediatric cardiology training did you have? | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | 3 months or less | 4 | 50.0 | 50.0 | 50.0 |
| >3-6 months | 4 | 50.0 | 50.0 | 100.0 |
| Total | 8 | 100.0 | 100.0 |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| During your cardiology training, how much training in echocardiogram did you have? | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | 3 months or less | 3 | 37.5 | 37.5 | 37.5 |
| >3-6 months | 2 | 25.0 | 25.0 | 62.5 |
| >1-2 years | 2 | 25.0 | 25.0 | 87.5 |
| >2 years or more | 1 | 12.5 | 12.5 | 100.0 |
| Total | 8 | 100.0 | 100.0 |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| What percentage of your practice is looking after children? | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Occassionally 30% | 1 | 12.5 | 12.5 | 12.5 |
| Sometimes 50% | 6 | 75.0 | 75.0 | 87.5 |
| Frequently 70% | 1 | 12.5 | 12.5 | 100.0 |
| Total | 8 | 100.0 | 100.0 |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| What percentage you use echocardiography? | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Occassionally 30% | 1 | 12.5 | 12.5 | 12.5 |
| Sometimes 50% | 2 | 25.0 | 25.0 | 37.5 |
| Frequently 70% | 2 | 25.0 | 25.0 | 62.5 |
| Every time | 3 | 37.5 | 37.5 | 100.0 |
| Total | 8 | 100.0 | 100.0 |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| The diagnosis of congenital heart disease in children is difficult: | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Strongly disagree | 1 | 12.5 | 12.5 | 12.5 |
| Disagree | 2 | 25.0 | 25.0 | 37.5 |
| Neither agree or disagree | 2 | 25.0 | 25.0 | 62.5 |
| Agree | 3 | 37.5 | 37.5 | 100.0 |
| Total | 8 | 100.0 | 100.0 |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| What other diagnostic tools do you use for the diagnosis of congenital heart disease in children: Clinical evaluation. | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | 1.00 | 8 | 100.0 | 100.0 | 100.0 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| What other diagnostic tools do you use for the diagnosis of congenital heart disease in children: ECG | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | .00 | 1 | 12.5 | 12.5 | 12.5 |
| 1.00 | 7 | 87.5 | 87.5 | 100.0 |
| Total | 8 | 100.0 | 100.0 |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| What other diagnostic tools do you use for the diagnosis of congenital heart disease in children: CxR | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | 1.00 | 8 | 100.0 | 100.0 | 100.0 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| What other diagnostic tools do you use for the diagnosis of congenital heart disease in children: Echo (performed by you) | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | 1.00 | 7 | 87.5 | 87.5 | 87.5 |
| 2.00 | 1 | 12.5 | 12.5 | 100.0 |
| Total | 8 | 100.0 | 100.0 |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| What other diagnostic tools do you use for the diagnosis of congenital heart disease in children: Echo (not performed by you) | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | .00 | 4 | 50.0 | 50.0 | 50.0 |
| 1.00 | 2 | 25.0 | 25.0 | 75.0 |
| 2.00 | 2 | 25.0 | 25.0 | 100.0 |
| Total | 8 | 100.0 | 100.0 |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| What other diagnostic tools do you use for the diagnosis of congenital heart disease in children: Other | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | .00 | 8 | 100.0 | 100.0 | 100.0 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| The medical management of children with congenital heart disease is difficult: | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Disagree | 3 | 37.5 | 37.5 | 37.5 |
| Neither agree or disagree | 4 | 50.0 | 50.0 | 87.5 |
| Agree | 1 | 12.5 | 12.5 | 100.0 |
| Total | 8 | 100.0 | 100.0 |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| In your practice, do you have access to an electrocardiogram? | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Frequently 70% | 1 | 12.5 | 12.5 | 12.5 |
| Every time | 7 | 87.5 | 87.5 | 100.0 |
| Total | 8 | 100.0 | 100.0 |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| In your practice, do you have access to an echocardiographic machine? | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Never | 1 | 12.5 | 12.5 | 12.5 |
| Occassionally 30% | 1 | 12.5 | 12.5 | 25.0 |
| Sometimes 50% | 1 | 12.5 | 12.5 | 37.5 |
| Frequently 70% | 4 | 50.0 | 50.0 | 87.5 |
| Every time | 1 | 12.5 | 12.5 | 100.0 |
| Total | 8 | 100.0 | 100.0 |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Echomachine make and model | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid |  | 1 | 12.5 | 12.5 | 12.5 |
| 0 | 3 | 37.5 | 37.5 | 50.0 |
| Aloka alpha5, 2012, Toshiba Xario 2011 | 1 | 12.5 | 12.5 | 62.5 |
| esaote,2012 | 1 | 12.5 | 12.5 | 75.0 |
| Esaote,50,2009 | 1 | 12.5 | 12.5 | 87.5 |
| Toshiba 1998 | 1 | 12.5 | 12.5 | 100.0 |
| Total | 8 | 100.0 | 100.0 |  |

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Does your machine have pediatric probes | | | | | | | | | |
|  | | Frequency | | Percent | | Valid Percent | | Cumulative Percent | |
| Valid | 1.00 | 1 | | 12.5 | | 12.5 | | 12.5 | |
| 3.00 | 1 | | 12.5 | | 12.5 | | 25.0 | |
| 4.00 | 2 | | 25.0 | | 25.0 | | 50.0 | |
| 5.00 | 3 | | 37.5 | | 37.5 | | 87.5 | |
| N/A | 1 | | 12.5 | | 12.5 | | 100.0 | |
| Total | 8 | | 100.0 | | 100.0 | |  | |
| What do you think will help you looking after children with CHD   1. Teaching in congenital heart disease (e.g. anatomy, physiology, diagnosis and management)? | | | | | | | | | | |
|  | | | Frequency | | Percent | | Valid Percent | | Cumulative Percent | |
| Valid | Strongly disagree | | 1 | | 12.5 | | 12.5 | | 12.5 | |
| Disagree | | 1 | | 12.5 | | 12.5 | | 25.0 | |
| Agree | | 4 | | 50.0 | | 50.0 | | 75.0 | |
| Strongly agree | | 2 | | 25.0 | | 25.0 | | 100.0 | |
| Total | | 8 | | 100.0 | | 100.0 | |  | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| What do you think will help you looking after children with CHD   1. Training in echocardiography in congenital heart disease? | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Disagree | 1 | 12.5 | 12.5 | 12.5 |
| Agree | 4 | 50.0 | 50.0 | 62.5 |
| Strongly agree | 3 | 37.5 | 37.5 | 100.0 |
| Total | 8 | 100.0 | 100.0 |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| What do you think will help you looking after children with CHD   1. Be able to discuss difficult cases or ask for a second opinion? | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Disagree | 1 | 12.5 | 12.5 | 12.5 |
| Agree | 4 | 50.0 | 50.0 | 62.5 |
| Strongly agree | 3 | 37.5 | 37.5 | 100.0 |
| Total | 8 | 100.0 | 100.0 |  |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| |  | | --- | | What do you think will help you looking after children with CHD   1. Be able to show echocardiograms or ask for a second opinion? | | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Disagree | 1 | 12.5 | 12.5 | 12.5 |
| Agree | 5 | 62.5 | 62.5 | 75.0 |
| Strongly agree | 2 | 25.0 | 25.0 | 100.0 |
| Total | 8 | 100.0 | 100.0 |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| What do you think will help you looking after children with CHD   1. A echography machine / a new echocardiography machine? | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Disagree | 1 | 12.5 | 12.5 | 12.5 |
| Agree | 5 | 62.5 | 62.5 | 75.0 |
| Strongly agree | 2 | 25.0 | 25.0 | 100.0 |
| Total | 8 | 100.0 | 100.0 |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| What do you think will help you looking after children with CHD   1. Improve current echocardiographic machine (e.g. paediatric probes)? | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Disagree | 2 | 25.0 | 25.0 | 25.0 |
| Neither agree or disagree | 3 | 37.5 | 37.5 | 62.5 |
| Agree | 1 | 12.5 | 12.5 | 75.0 |
| Strongly agree | 2 | 25.0 | 25.0 | 100.0 |
| Total | 8 | 100.0 | 100.0 |  |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| |  | | --- | | What do you think will help you looking after children with CHD   1. Electrocardiography machine? | | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Disagree | 2 | 25.0 | 25.0 | 25.0 |
| Agree | 2 | 25.0 | 25.0 | 50.0 |
| Strongly agree | 4 | 50.0 | 50.0 | 100.0 |
| Total | 8 | 100.0 | 100.0 |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| What do you think will help you looking after children with CHD   1. Other specify | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | 0 | 4 | 50.0 | 50.0 | 50.0 |
| cardiac catheterization, better echo machine, | 1 | 12.5 | 12.5 | 62.5 |
| It is important the exchange of opinions | 1 | 12.5 | 12.5 | 75.0 |
| Peru needs a subespecialy in pediatric cardiology | 1 | 12.5 | 12.5 | 87.5 |
| Training in pediatric cardiology | 1 | 12.5 | 12.5 | 100.0 |
| Total | 8 | 100.0 | 100.0 |  |