

## *Frequently asked eMeasures questions*

### **What is the ePAPA system?**

*The ePAPA is a web-based instrument, not a CD that is installed on a personal computer. It has been developed to be used with Windows (XP or above) operating systems through Internet Explorer. It is also administered using tablet PCs that enable the interviewer to write examples about the child's symptoms.*

*The ePAPA system is based on a Microsoft SQL Server, running on Windows Server 2003 (application server installation). The front-end is hosted on IIS 6 (which is part of Server 2003).*

*The rest of the system is mostly defined by the scope of the ePAPA implementation itself. The resources have to be scaled to the scope of the project: every study published created another database and the number of interviews per study, and the rate of how often interviews are created, checked out, saved and checked in determines the resources needed for the system.*

*Also, the system has to be designed to support the level of criticality of the data on it. Uptime requirements, backups, disaster recovery are all important issues, besides performance.*

*Another consideration is the regulatory environment for the type of data collected. The level of auditing, log retention, access control, change control and any number of other compliance issues can have a significant impact on the system design.*

#### **Hardware:**

*we're using a Dell PowerEdge 2600 server with dual socket 3GHz Xeon processors and 1GB of RAM (it really needs at least 2GB), and it runs off of a 40 GB SCSI 320 RAID Array. That hardware supports 12 active study tools and some training and demo database*

### **I am interested in using the ePAPA. What information will you need to decide if this is the right tool for me?**

- 1. What is the N of your study (the number of interviews you plan to conduct across the entire study and per year?)*
- 2. Where will the children and their families be recruited from (e.g., a clinical or community population).*
- 3. What is the age of the children?*
- 4. How many interviewers do you plan to train?*
- 5. What is the proposed timeline for the study (e.g., when you hope to start, etc.)*
- 6. Will you conduct the interview in English?*

## **What is the cost of training for the ePAPA and what does it include?**

*Training takes 4 didactic days. We usually send our trainer, Ed Potts, to train on site. Each interviewer must then conduct 2 practice interviews. I do want to make sure that this is the measure that you want to use since, like all structured interviews, the learning curve is fairly steep and the administration long. Of course, the data is rich.*

### **Cost associated with ePAPA training**

- *Costs include:*
  - *\$500 per day for Ed Potts, including travel days.*
  - *Airfare (business class if possible since such a very long trip) and accommodations for Ed during his visit*
  - *\$250 per interview plus the cost of a “webinar” conference call to present feedback (if you choose to have Ed check your interviewers’ practice interviews).*

## **What other cost are associated with the use of the ePAPA?**

*The cost is a yearly licensing fee that is based on the number of interviews you are doing per year.*

*Here, we do need to know how many interviews per year will be conducted. We will simply charge a yearly fee but the demands in hosting and managing 100 interviews is different than 200 or 300. If you could give me these numbers, I will send a figure back.*

- *With this license, we will*
  - *provide access to agreed upon number of ePAPA interviews, as well as many practice interviews as needed.*
  - *manage and maintain the ePAPA server*
  - *store the data*
  - *every six months take the raw data, run the algorithms, and give you a SAS dataset with raw variables and all diagnostic/risk factor variables. SAS datasets can easily be converted in to other formats (e.g., SPSS, Stata)*

## **Can the interview be translated into different languages?**

Yes, with translated versions, we retain the copyright for the measure, although we clearly want to include the translators on the authorship page of the translated versions.

The PAPA is copyrighted by Developmental Epidemiology and that permission for copying the interview schedules, as well as supplies, information, and software for data entry and analysis, may be requested from you.

### **Costs associated with development of the non-English ePAPA**

- *Entering different language text into the eMeasures authoring database*
  - *We are estimating that this will take about 8 weeks*
  - *Based on this time frame, I estimate the cost to be \$6,000.00*

*Modification of the interview to fit your needs is calculated at \$40.00. The overall cost depends on the number of changes needed.*

- *Modifying the system to generate a non-English version*
  - *The issue here is how to manage the hard-coded static pages (change them into your language) and change other hard coded bits that are in English to your language. This is very doable but does involve changes in the underlying code of the system.*
  - *We estimate the cost to be \$10,000.*

## COST OF YEARLY ePAPA LICENSES

Please note that there are fixed costs associated with maintaining the ePAPA server and system, with running the diagnostic algorithms and producing a dataset of raw PAPA variables and those from the diagnostic algorithms. This is the reason that the cost per interview decreases with increases in the number of interviews.

Number of PAPAs per year	Cost of license per year
1-50	\$ 5,000
51-100	\$ 6,000
101-200	\$ 8,000
201-300	\$ 9,000
301-400	\$10,000
401-500	\$11,000
501-750	\$12,000
751-1000	\$13,000

# of PAPAs	ePAPA		Paper PAPA	
	per year	Per PAPA	per year*	Per PAPA
50	\$ 5,000	\$100	\$ 3,750	\$75 plus
100	\$ 6,000	\$ 60	\$ 7,500	\$75 plus
200	\$ 8,000	\$ 40	\$15,000	\$75 plus
250	\$ 9,000	\$ 36	\$18,750	\$75 plus
300	\$ 9,000	\$ 30	\$22,500	\$75 plus
350	\$10,000	\$ 29	\$26,250	\$75 plus
400	\$10,000	\$ 25	\$30,000	\$75 plus
450	\$11,000	\$ 24	\$33,750	\$75 plus
500	\$11,000	\$ 22	\$37,500	\$75 plus
750	\$12,000	\$ 16	\$56,250	\$75 plus
1,000	\$13,000	\$ 13	\$75,000	\$75 plus

\* Printing and double data entry of 1 PAPA about = \$75. This does not include the cost of creating a data entry program for the > 5,000 PAPA variables