



**QPS**

helps you navigate

Have all of your  
**VACCINE trials**  
performed at QPS

*Saves you time.  
Saves you money.  
Saves you resources.*

## Selecting clinical sites for vaccine trials... a new solution that can save cost and time

### Current Challenges:

Typically, vaccine trials are conducted at multi-center Phase III sites that specialize in various patient populations. Unfortunately, many of these sites can only supply a small number of subjects and require weeks if not months to enroll subjects. Some vaccine developers complain that certain sites even enroll subjects that do not meet inclusion/exclusion criteria. But the major concern is that using multiple sites is expensive and inefficient.

Most Phase I sites that specialize in healthy, normal subjects do not conduct vaccine studies on a regular basis, especially large Phase I sites. One might assume that vaccine studies would fit their subject populations quite well, but often large Phase I sites do not choose to participate. The concern for large Phase I sites is that a vaccine trial frequently lasts several months or longer, preventing subjects from participating in their standard clinical pharmacology trials. When these large Phase I sites do participate in vaccine trials, they are often seen as being of low profit and so manage them accordingly.

### Solution:

There is a better option for your next vaccine trial. QPS provides a unique approach that will allow you to rapidly complete enrollment and conduct of your vaccine trial at one or (if needed) more of its five global Phase I sites, providing significant savings over your multi-center vaccine trials. These benefits are achieved through a rare combination of experience, a large specialized global database of subjects, state-of-the-art clinical facilities; and the best quality in the industry.

### Unique Approach:

Years ago, QPS realized that subjects who typically participate in trials with confinement are not the same subjects who will participate in outpatient vaccine trials. Armed with this knowledge, QPS developed a large global database of participants willing and able to participate in both types of trials. Thus, QPS is able to satisfy clients who want to do vaccine trials, and also the more typical Phase I confinement trials. QPS' global database includes healthy male and female subjects from 18 to 90+. QPS has the ability to fill over 80% of trials exclusively from the database. In addition, QPS has found its subjects have very healthy lifestyles and are very compliant with protocol requirements. This result in an average dropout rate of less than 5%, including its long term vaccine trials.

### Access to Quality Subjects:

Where does QPS find these subjects?

Our worldwide state-of-the-art facilities are located in Springfield, Missouri, USA; Miami, Florida, USA; Hollywood, Florida, USA; Hyderabad, India; Taipei, Taiwan and Groningen, The Netherlands. All these clinical Phase I sites are located in metropolitan areas with large populations of college students. Separate clinical units at the different Phase I sites allow subjects to be separated into different clinics for outpatient returns or confinement.

### High Quality and Thoroughly Trained Staff:

While CROs always mention quality, other sites do not deliver. QPS clients often comment on its consistent excellence. Each trial awarded to QPS begins with protocol review, staff training and a hands-on "dry run" to ensure the highest quality. The staff also receives regular GCP training, which leads to outstanding compliance. QPS clients regularly praise its quality, in particular the subjects, the data, and its client communications. To see updated client comments, please go to our website: [www.qps.com](http://www.qps.com)

### QPS for Your Next Vaccine Trial:

There are many places where you might conduct your next vaccine trial, but there is only one right choice: QPS. Other sites cannot compete with our experience, our ability to recruit and dose large numbers of subjects quickly, our state-of-the-art facilities and QPS' quality. Choose QPS for your next vaccine trial and let us show you our commitment to your needs.

### Highly Experienced Sites:

QPS has completed thousands of Phase I studies since its inception in 1994 of which many were vaccine trials for various infections as highlighted in the attached overview. In every vaccine study with competitive enrollment, QPS has been the highest enrolling site.



## VACCINE EXPERIENCE:

Year	INDICATION	PHASE	ENROLLMENT
2013	Botulism	III	enrolling
2013	Seasonal Flu	I/II	enrolling
2013	Pandemic H7N1 (Avian) Flu	I/II	enrolling
2013	Smallpox	II	enrolling
2013	Rabies (post-exposure regimen)	II	70
2013	Seasonal Flu	I	100
2013	Meningococcal Grp B	III	52
2013	Pandemic H5N1 (Avian) Flu	II	257
2013	Anthrax	II	enrolling
2013	Seasonal Flu	III	94
2013	Small Pox	II	115
2012	Meningococcal Grp B	III	50
2012	Staph aureus (Elderly)	II	54
2012	Seasonal Flu - QID	III	88
2012	Clostridium difficile	I	59
2012	Pandemic H5N1 (Avian) Flu	I	140
2012	Seasonal Flu (HD IM vs. ID)	IV	50
2012	Pandemic H9N2 (Avian) Flu	I/II	84
2012	Staph aureus (Elderly)	I	16
2012	Pandemic H5N1 (Avian) Flu	I	63
2012	Pandemic H5N1 (Avian) Flu	I	111
2012	Seasonal Flu	I	100
2012	Pandemic H5N1 (Avian) Flu	I	81
2012	Pneumococcal	II	24
2012	Staph aureus	II	32
2012	Seasonal Flu	III	88
2011	Anthrax	III	41
2011	Meningococcal Grp B & HPV	II	21
2011	Herpes Zoster (intra-dermal)	I	91
2011	Influenza H1/H5 (electroporation)	I	49
2011	Staph aureus	I	32
2011	Tetanus/Diphtheria/Pertussis	III	15
2011	Anthrax	I	35
2011	Seasonal Flu	III	60
2011	Seasonal Flu	II	50
2010	Seasonal Flu (Peds) - QIV	III	70



## VACCINE EXPERIENCE:

Year	INDICATION	PHASE	ENROLLMENT
2010	H1N1 (Swine) Flu	II	50
2010	Seasonal Flu (Elderly) - QIV	III	67
2010	Seasonal Flu - QIV	III	151
2010	Seasonal Flu (Elderly)	III	110
2010	H1N1 (Swine) Flu	I	112
2010	Seasonal Flu	I	100
2010	Seasonal Flu (Peds)	III	27
2010	Travelers' Diarrhea	II	122
2010	Seasonal Flu	III	60
2009	Seasonal Flu (Elderly)	II	123
2009	West Nile Virus	I	56
2009	H1N1 (Swine) Flu	II	32
2009	H1N1 (Swine) Flu	I/II	91
2009	Seasonal Flu (Elderly)	III	98
2009	H1N1 (Swine) Flu	II/III	227
2009	Seasonal Flu – Q/LAIV	I	100
2009	H1N1 (Swine) Flu	IV	60
2009	H1N1 (Swine) Flu	II	79
2009	Seasonal Flu	II	145
2009	Pandemic H5N1 (Avian) Flu	II	90
2009	Meningococcal Group B	I	48
2009	Seasonal Flu - Q/LAIV	II/III	100
2009	Botulism	II	101
2009	H1N1 (Swine) Flu	II	60
2009	H1N1 (Swine) Flu	III	93
2009	Dengue Fever	I	25
2008	Seasonal Flu	III	380
2008	Pandemic H5N1 (Avian) Flu	II	37
2008	West Nile Virus	II	32
2008	Typhoid	II	67
2008	Pandemic H5N1 (Avian) Flu	III	129
2008	Seasonal Flu	I	64
2008	Universal Influenza-A Booster	I	8
2008	Seasonal Flu	I/II	65
2008	Travelers' Diarrhea	II	45
2008	Pandemic H5N1 (Avian) Flu	I	75



## VACCINE EXPERIENCE:

Year	INDICATION	PHASE	ENROLLMENT
2008	Seasonal Flu	I/II	60
2008	Seasonal Flu	II	70
2008	Seasonal Flu	III	220
2008	Pandemic H5N1 (Avian) Flu	II	50
2008	Dengue Fever	III	75
2008	Seasonal Flu	II/III	50
2008	West Nile Virus	I	20
2008	West Nile Virus	II	40
2007	Seasonal Flu	III	386
2007	Seasonal Flu	III	113
2007	Travelers' Diarrhea	II	49
2007	Pandemic H5N1 (Avian) Flu	I/II	68
2007	Universal Influenza-A	I	32
2007	Seasonal Flu	I	60
2007	Tetanus/Diphtheria/Pertussis	III	36
2007	Clostridium difficile	II	36
2007	Clostridium difficile	II	40
2006	Seasonal Flu	III	351
2006	Seasonal Flu (Elderly)	III	135
2006	Seasonal Flu	III	140
2006	Seasonal Flu	II	50
2006	Seasonal Flu	I/II	36
2006	Seasonal Flu	II	50
2006	Seasonal Flu	II	50
2005	Plague	I	93
2005	Japanese Encephalitis	III	98
2005	Anthrax	I	65
2005	Japanese Encephalitis	II	70
2005	Small Pox	III	245
2004	Herpes Zoster	III	35
2004	Smoking Cessation	III	134
2004	Smallpox	III	121
2004	Small Pox	III	180
2004	Small Pox	III	170
2003	Yellow Fever	II	138
2003	Small Pox	II/III	147



## VACCINE EXPERIENCE:

Year	INDICATION	PHASE	ENROLLMENT
2003	Small Pox	III	182
2002	Dengue Fever	II	88
1998	Hepatitis B	III	200
1997	Hepatitis B	II	100



### Corporate Office

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