

THE 2006 Global Pneumococcal Disease Awareness Study was conducted in 10 selected Asia-Pacific (APAC) countries by pharmaceutical research-based consultancy, Genactis.

Carried out as a quantitative questionnaire survey between October 26 and December 8, 2006,

# Malaysian awareness

600 parents representing six countries, including Malaysia (100 per country), participated in a 10-minute hard-copy survey.

According to the Malaysian

Paediatric Association president Dr Zulkifli Ismail, the study indicated that only 31% of parents are aware of pneumococcal disease. However, awareness has increased compared

to a study in 2005.

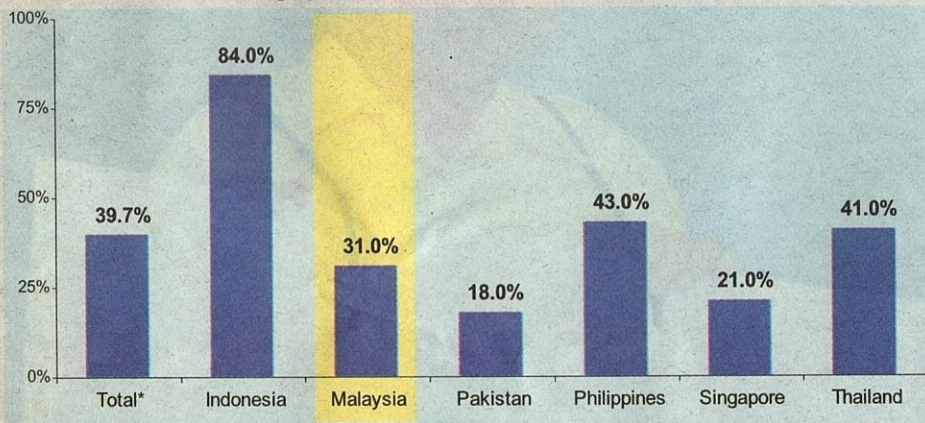
He said that physicians are the most common source of information about pneumococcal disease and other diseases, followed by

newspapers.

Only 38% of parents are aware of the pneumococcal conjugate vaccine. However, awareness of the pneumococcal conjugate vaccine has increased compared to a study in 2005. Below is some of the information that was gleaned from the study.

## Parents' awareness about PnD

Aided Awareness of PnD  
Percentages of total APAC parents (n=600) – by country



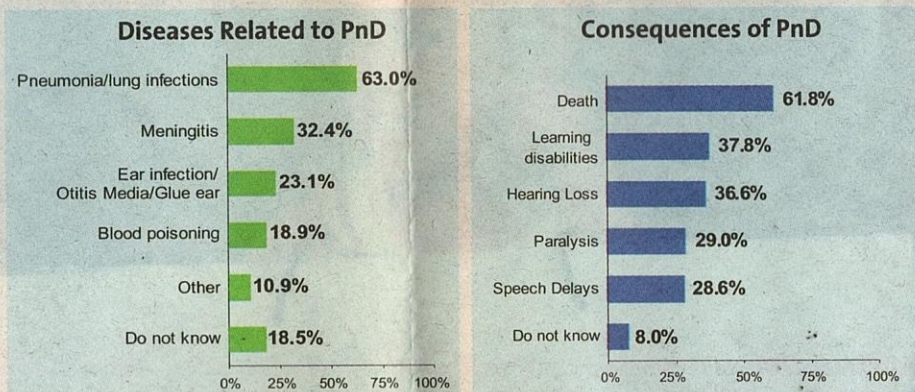
Q: Have you heard of pneumococcal disease, pneumococcus, or Streptococcus pneumoniae?

\*Total refers to 6 APAC countries

**Awareness of PnD is limited in most APAC countries.  
In Malaysia, it is only 31%**

## Parents' awareness of PnD's related diseases and consequences

Related Diseases and Consequences of PnD  
Percentages of APAC parents aware of PnD (n=238)



Q: Please tell me which diseases can be caused by Streptococcus pneumoniae, or are considered to be pneumococcal disease?

Q: Please tell me if you think the following are consequences of pneumococcal disease?

**Two in three parents associate pneumonia and death with PnD,  
but knowledge of other consequences is limited**

## Parents' sources of information about diseases

Most Common Sources of Information About PnD and Other Diseases (Top 10)  
Percentages of APAC parents – by country

	Total*	Indonesia	Malaysia	Pakistan	Philippines	Singapore	Thailand
Base:	600	100	100	100	100	100	100
	%	%	%	%	%	%	%
Television news/programming	56.3	60.0	48.0	63.0	53.0	34.0	80.0
Newspapers	39.5	32.0	58.0	72.0	9.0	47.0	19.0
Physicians	37.7	37.0	66.0	82.0	36.0	5.0	-
Nurses	20.8	15.0	29.0	13.0	4.0	13.0	51.0
Magazines	19.5	23.0	32.0	34.0	7.0	8.0	13.0
Radio news/programming	16.8	5.0	29.0	23.0	15.0	5.0	24.0
Other media	16.3	4.0	14.0	5.0	28.0	36.0	11.0
Pharmacists	15.5	3.0	16.0	58.0	3.0	4.0	9.0
Internet	13.2	-	28.0	11.0	4.0	34.0	2.0
Articles in professional journals	7.2	5.0	16.0	3.0	2.0	6.0	11.0

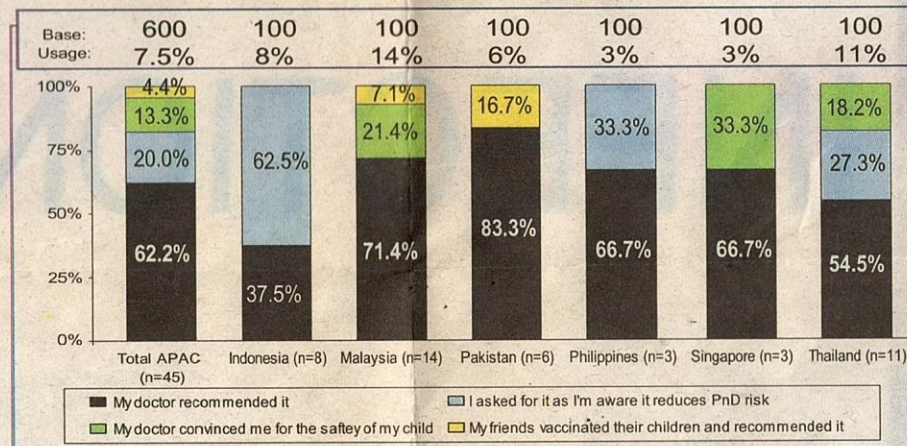
Q: Where do you typically hear about pneumococcal disease and/or other diseases concerning your child's health?

\*Total refers to 6 APAC countries

**Physicians are the key source of information in Malaysia,  
followed by newspapers.**

## Reasons for use of the pneumococcal conjugate vaccine

Pneumococcal Conjugate Vaccine Usage and Reasons for its Use  
Percentages of APAC parents – by country



Q: Has your child/any of your children received Pneumococcal Conjugate Vaccine, the pneumococcal disease vaccine?

Q: Why did you decide to get your child/children vaccinated for pneumococcal disease?

**Physician recommendations drive usage of the Pneumococcal Conjugate vaccine.**