



GLOBAL IMMUNIZATION NEWS

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30 August 2006

TECHNICAL INFORMATION

MEASLES

30/08/06 from Hayatee Hasan, WHO/HQ:

Partners team up in Kenya to fight measles and malaria:

The government of Kenya has launched a two-phase integrated measles vaccination campaign, targeting more than five million children between nine months and five years of age. Phase I of the campaign was held on 29 April – 5 May 2006 and Phase II on 8-12 July 2006. In addition to the measles vaccinations, the campaign provided other life-saving health interventions, including polio vaccinations (in select districts), vitamin A and deworming tablets. Residents in the Nyanza and Western provinces also received long-lasting insecticide-treated nets, proven to be one of the most effective and cost-efficient means of preventing malaria. The campaign was supported by the Measles Initiative, a partnership formed to reduce global measles deaths, led by the American Red Cross, UNF, WHO, UNICEF and CDC. In addition, the Global Fund on AIDS, Tuberculosis and Malaria also provided long-lasting insecticide treated nets to combat malaria, which is a leading cause of childhood death and disability in Kenya as in many other African countries. The Kenya Red Cross also worked with the government and other partners to educate and mobilize communities. See <http://www.afro.who.int/press/2006/pr20060708.html> for more information.

Bringing hope to Angolan Children: The government of Angola, and its partners in the Measles Initiative, the Global Fund on AIDS, Tuberculosis and Malaria, and the U.S. President's Malaria Initiative launched a major health campaign to provide life-saving health interventions for Angolan children. The integrated campaign targeted more than 3.5 million children with measles and polio vaccinations, vitamin A, deworming tablets, and, in seven provinces, long-

lasting insecticide treated nets were distributed. The campaign began on 12 July in Luanda, with an official launch event on 13 July in Mbaza Congo. This campaign is a follow-up to a previous measles campaign in 2003, which reached 96 percent of the targeted group. The current campaign demonstrates the importance of follow-up immunization activities in a country where only 64 percent of children receive routine measles immunizations. As a part of the Angolan government's Maternal and Child Health Mortality Reduction Program, the campaign will focus on vulnerable children, especially those in border regions where there has been a re-emergence of measles outbreaks. See <http://www.afro.who.int/press/2006/pr20060712.html> for more information.

POLIO

30/08/06 from Oliver Rosenbauer, WHO/HQ:

The latest in a series of mass polio immunization campaigns was launched on 30 July 2006, in the remaining polio infected areas of India. For four days, hundreds of thousands of health workers and volunteers went house-to-house in western Uttar Pradesh and Bihar states, to reach more than 32 million children under the age of five years with polio vaccine.

The campaign comes amid fears that a new outbreak centred around Moradabad district, in western Uttar Pradesh could cause epidemics of international scale. Western Uttar Pradesh has experienced a spike in new polio cases in 2006 compared to the previous year, suffering a four-fold increase in new disease. Alarmingly, Moradabad and its surrounding areas is the only place in the world that is actively exporting poliovirus to other countries – polio originating from this area has recently been detected in a number of previously polio-free countries, including as far away as Bangladesh, DR Congo, Namibia and Nepal.

The task of eradicating polio in western Uttar Pradesh is daunting, due to extremely high population density levels and low sanitation of infrastructure. With a population of more than 180 million people, and 500,000 children born each month, the conditions are ideal for polio to transmit among communities across the state. The increase in polio transmission has been attributed to a marginal increase in 'missed' children during immunization activities in late 2005, which allowed poliovirus transmission to regain intensity in 2006.

Despite this increase in the numbers of new cases in western Uttar Pradesh, however, polio transmission in other parts of India is increasingly coming under control. Bihar state, the only other remaining reservoir of indigenous poliovirus circulation, has made strong progress in 2006, reporting only a single case of polio over the past three months. Additionally, the long-standing, historical polio reservoir in Mumbai was finally cleared in 2005, following the introduction of a new monovalent oral polio vaccine, which offers higher protection for fewer doses than the traditionally-used trivalent oral polio vaccine. Such successes underscore that the eradication strategies work, if implemented effectively, and underline the feasibility of polio eradication even in the most technically-challenging settings.

Key to stopping the outbreak in and around Moradabad district is to reach each and every child under the age of five years during each immunization campaign. WHO, together with its partners, Rotary International, CDC Atlanta and UNICEF are continuing to support the Government of India in its efforts to protect the country's children from this paralysing disease. In an expression of their strong commitment to polio eradication, the Government of India announced recently that they will be allocating over US\$210 million in domestic resources for polio eradication activities in 2006-2007.

VACCINE MANAGEMENT

30/08/06 from Solo Kone, WHO/HQ: The Logistics & Vaccine Management Briefing Meeting was held from 20-21 June 2006 in Geneva, Switzerland. This meeting intensively reviewed the following key advanced logistics and vaccine management tools:

- The **Vaccine Volume Calculator** - this has been revised to cover bundling issues and extended to injection waste analysis.
- The **cold chain capacity planning tool and equipment inventory** and replacement tools – this tool allows to calculate the need for cold chain capacity at all levels of the immunization programme.
- The **district vaccine data management tool** – this tool defines critical indicators and

describes how to monitor the management of immunization supplies.

- The **aide memoire on freeze prevention of vaccines** – this summarizes issues related to freezing and its prevention.

PUBLICATIONS

NEWLY PUBLISHED WHO DOCUMENTS

30/08/06 from Mario Conde, WHO/HQ: The following new publications are available online on the WHO website:

The Initiative for Vaccine Research Strategic Plan 2006-2009 – This document outlines the strategic plan, objectives and milestones for IVR work in 2006, 2009. <http://www.who.int/vaccines-documents/DocsPDF06/854.pdf>

Accelerating the global effort for HIV vaccine research: Report of the third forum of the African AIDS vaccine Programme, Yaoundé, Cameroon, 17-19 November 2005. The African AIDS Vaccine Programme (AAVP) Forums provide ground for discussions between all interested parties working in the area of HIV vaccines in Africa, including scientists, community representatives, national decision-makers, international research agencies, vaccine industry and donors.

The third AAVP forum focused on implementation of recommendations made by previous AAVP forums and addressed challenges in the current changing international environment for HIV vaccine development, under the following overall theme: "Africa's contribution to the global efforts for the development, evaluation and future access to HIV vaccines: the development of common policies and strategies for the conduct of multiple HIV clinical trials in Africa".

The forum culminated with the development of the "Yaoundé Statement" calling for a comprehensive and effective support for AAVP from international, regional and national policy makers within Africa.

<http://www.who.int/vaccines-documents/DocsPDF06/852.pdf>

Guidelines on the international packaging and shipping of vaccines – (WHO/IVB/05.23) -

The WHO "Guidelines on the international packaging and shipping of vaccines" has been one of the most widely used documents in the field of immunization. It is being referenced by UNICEF and PAHO in all its invitations to bid for vaccine supply as well as by countries directly procuring their vaccines.

This 2005 edition takes into account new developments in the field of vaccine stability, temperature monitoring and information on recently prequalified vaccines. In addition to the

updated volume per dose of vaccines, this document provides data on the packed volumes of diluents and droppers. It also includes transport box bulking factors for countries where insulated packages are used for the storage of vaccines. A special section on temperature monitoring has been added to describe the temperature limits that should be complied with during international shipments.

<http://www.who.int/vaccines-documents/DocsPDF06/818.pdf>

GAVI-RELATED INFORMATION

HIB INITIATIVE

30/08/06 from Lois Privor-Dumm, JHSPH: The Journal of the American Medical Association (JAMA) published research showing that three years after introduction, routine vaccination of infants in Kenya against Hib significantly reduced invasive Hib disease rates by 88%. The paper, entitled *Effectiveness of Haemophilus influenzae type B (Hib) Conjugate Vaccine Introduction into Routine Childhood Immunization in Kenya*, was authored by a team led by Oxford University's Dr Anthony Scott. According to the study, Hib vaccine reduced laboratory-confirmed invasive Hib disease by 88% below baseline and prevented an estimated 3,370 hospitalizations in Kenya in 2005. See http://www.hibaction.org/resources/Press_Release060809FinalInternationalversion.doc for more information.

REVIEW PROCESS

Next Review Dates:

Annual Progress Reports: The next GAVI review for Annual Progress Reports will be held from **26-29 September 2006**. The countries that have not yet submitted an annual progress report yet are expected to submit before September.

HSS Applications: The GAVI review dates for reviewing applications for HSS are **13-17 November 2006**. The **deadline** to receive applications for HSS is **3 November 2006**.

ISS & INS Applications: The next GAVI review for applications submitted for Immunization Services Strengthening and Injection Safety is from **22-27 November 2006**. The **deadline** to receive applications is **3 November 2006**.

New Vaccines & Measles 2nd Dose: The next GAVI review for applications submitted for new vaccines and measles 2nd dose is from **22-31 January 2006**. The deadline for receiving applications is **15 December 2006**. The new

guidelines for new vaccines and measles 2nd dose support in Phase 2 are expected in mid-October 2006.

COUNTRY INFORMATION¹ BY REGION

EAST & SOUTH AFRICA

MALAWI

30/08/06 from Patrick Zuber, WHO/HQ: Scientists from several Malawi hospitals and their partners recently published a report on "**The impact of routine infant immunization with Haemophilus influenzae type b conjugate vaccine in Malawi, a country with high human immunodeficiency virus prevalence**" (Paul Dazaa et al, Vaccine 24 (2006) 6232-6239). This report examines hospital surveillance data for acute bacterial meningitis in Blantyre district among children age 1-59 months admitted during 1997-2005. In Malawi, Hib vaccine had been introduced during 2002. Following vaccine introduction, documented annual Hib meningitis incidence rates decreased from 20-40/100,000 to near zero among both rural and urban residents despite no change in pneumococcal meningitis incidence rates. Before vaccine introduction, an average of 10 children/year had Hib meningitis and HIV infection compared to 2/year during 2003-2004 and none during 2005. Vaccine effectiveness was high following two or more doses of vaccine. Authors conclude that the most urgent future need is for a sustainable routine infant immunization program, including a less expensive vaccine that preferably is delivered in a multivalent form.

WEST & CENTRAL AFRICA

REGIONAL INFORMATION

30/08/06 from West Africa: An **inter-country DQS workshop** was organized by the WHO/AFRO/IVD team in the Western Block for eight West African Countries from 7-11 August 2006 in Niamey, Niger.

In attendance were 25 national MOH officers, 11 WHO/EPI national MOH officers, 11 WHO/EPI country focal points from Benin, Cape Verde, Guinea, Mali, Mauritania, Niger, Senegal, and

¹ ICP = Inter Country Programme
ISS = Immunization Services Support
INS = Injection Safety Support
NVS = New Vaccine Support
DQA = Data Quality Audit
DQS = Data Quality Self Assessment
FSP = Financial Sustainability Plan
RED = Reach Every District
cMYP = Fully costed multi-year plan

Togo. Facilitators were from WHO/Togo, the ICP West Block and colleagues from the regional office. The main outcome was a plan for introducing the DQS in the routine system of each participating country.

BENIN

30/08/06 from W&C AFRO: The country has participated in the **cMYP workshop** in July 2006, and has started to review its MYP. The country is receiving support from the AMP to develop their cMYP. A desk review will be conducted prior to the cMYP development.

GUINEA

30/08/06 from W&C AFRO: A **cold chain assessment** has been conducted. WHO/AFRO is providing technical assistance for the data analysis. This process was needed before updating the cMYP.

NIGERIA

30/08/06 from Kaushik Banerjee, WHO/HQ:

The National Programme of Immunization, in collaboration with partners had formulated the Strategic Plan 2006-2010 for immunization in 2005. Based largely on the identified thrust areas identified in this plan, work on drafting a new multi-year immunization plan was started during the third week of August 2006. The new plan would be in alignment with the WHO/UNICEF guidelines for comprehensive multi-year planning in the context of GIVS. The planning team comprised of officials from the National Programme on Immunization, the Department of Planning of the Federal Ministry of Health, Federal Ministry of Finance, and WHO.

The following sections of the new plan have been completed:

- A detailed situation analysis has been conducted using reports from coverage evaluation surveys, expert review committee meetings, Demographic Health Survey reports and other published government documents and administrative data.
- National priorities, objectives, strategies and activities have been identified.
- A timeline of activities has been developed.

The following actions still remain to be completed:

- The draft document has to be finalized and costed.
- The MYP has to be approved and adopted by the ICC.

The National Programme of Immunization and other departments in the MoH and MoF are also currently engaged in revising the INS proposal and drafting the HSS proposal to GAVI before the next submission deadline in November 2006.

30/08/06 – CORRECTION to last issue from Kaushik Banerjee, WHO/HQ: The last

paragraph that Kaushik provided in the previous (July 2006) issue of GIN should read as follows: The 10th Expert Review Committee recommended (a) 3rd round of IPD for the 11 polio high risk states in September 2006; (b) addition of mOPV to the measles campaign in 17 southern states in October 2006; (c) Local Immunization Days (LID) in high risk LGAs in November 2006; and (d) nation-wide immunization round in December 2006 with OPV, DTP3 and measles; Yellow Fever and meningitis vaccines will be added if available.

EUROPEAN REGION

REGIONAL INFORMATION

30/08/06 from EURO:

MECACAR – New Millennium: Remaining polio-free and striving for measles elimination:

Ministry of Health officials from 17 countries of the WHO European and Eastern Mediterranean regions are gathering in Istanbul, Turkey from 29-31 August 2006, to discuss the maintenance of polio-free status and the scaling up of measles and rubella elimination efforts.

Participation countries are part of the partnership "Operation MECACAR" (Eastern Mediterranean, Caucasus and Central Asian Republics). Originally, MECACAR was a network of countries working cross-border to eradicate polio. Today, the name is "MECACAR – New Millennium", and measles/rubella elimination has been added to the focus.

The meeting in Istanbul will address both polio eradication and measles/rubella elimination. A specific goal will be to explore ways of capitalizing on polio experiences in the effort to eliminate measles and rubella.

The participants will review experience and progress in measles/rubella elimination, focusing on surveillance. In addition, they will coordinate action plans for measles/rubella elimination, focusing on cooperation and common opportunities to strengthen immunization services.

In addition, the participants will review experience and progress in achieving and sustaining polio-free status. They will discuss future actions to sustain high quality AFP surveillance until global certification. They will coordinate action plans (2006-2008) for continued polio eradication, focusing on surveillance and routine immunization – and supplementary immunization activities in selected countries. The countries participating in the meeting are: Afghanistan, Armenia, Azerbaijan, Georgia, Iran, Iraq, Jordan, Kazakhstan, Kyrgyzstan, Pakistan, Russian Federation, Syrian Arab Republic, Tajikistan, Turkey, Turkmenistan, Uzbekistan and West Bank and Gaza Strip.

European Immunization Week: Lessons Learnt and next steps: Representatives from 20

countries are meeting at EURO, Copenhagen Denmark from 19-20 September 2006 to discuss the European Immunization Week initiative. The purpose of the meeting will be to discuss lessons learnt from the last year's immunization week and build on these in the planning of next year's activities.

The European Immunization Week is an initiative to raise awareness about immunization. The long-term goal is increased immunization coverage through strengthened immunization systems. Shorter-term goals include improving knowledge levels, raising awareness of the initiative and its messages – and mobilizing extra resources for immunization activities.

During immunization week, Member States implement a variety of awareness-raising activities. These can range from one-to-one lobbying with national decision makers to large-scale national information campaigns. The activities are guided by issues and challenges within each country. EURO coordinates the regional initiative and provide technical support where possible.

At the meeting, the countries participating in last year's European Immunization Week will share and discuss their lessons learnt. Building on these experiences, all participants will discuss the planning process, thus initiating stronger inter-country relations. Sustainable resource mobilization for immunization week activities will be another important topic at the meeting.

The participating countries are Armenia, Azerbaijan, Belarus, Belgium, Bulgaria, France, Georgia, Germany, Hungary, Ireland, Italy, Kazakhstan, Kyrgyzstan, Russian Federation, Serbia, Tajikistan, Former Yugoslav Republic of Macedonia, Turkey, Ukraine and Uzbekistan.

The next European Immunization Week will take place from 16-22 April 2007.

TAJIKISTAN

30/08/06 from EURO: The Ministry of Health of Tajikistan started implementation of comprehensive multi-year planning in May 2006. Despite successes achieved in the Immunization Programme, large population groups still do not benefit from the protection of immunization, and better planning is key to reach them.

The goals are to increase financial sustainability of the Immunization Programme, maintain the achievements gained, improve capacity through training and strengthen surveillance.

The comprehensive multi-year planning is already in progress. Programme strategies and key activities have been drafted and are revisited through a costing and financing exercise – based on cost-effectiveness assessments and availability of funding. In this context, a joint WHO/EURO, UNICEF and World Bank mission in May 2006

provided technical assistance for the situation analysis.

The situation in Tajikistan clearly indicates the need for improved planning. Although the Government contribution to the Immunization Programme will gradually increase, the challenge is greater than the Government capacity. Tajikistan relies on donor support for all vaccine supplies and remains dependent on international agencies to support capacity building and institutional development.

Revitalizing and maintaining donor support to the Immunization Programme is a major challenge. GAVI Phase I support is ending and support is decreasing from JICA. Government funding must be kept at its ultimate level and new donors need to be attracted. The final cMYP will be used as an advocacy tool for that purpose.

The country's GNI per capita is US\$180 and the amount spent on health per person is US\$6 based on 2002 data.

SOUTH EAST ASIAN REGION

REGIONAL INFORMATION

30/08/06 from SEARO:

SEAR Regional Working Group: The second SEA RWG Meeting was held from 10-11 July 2006 in Dhaka, Bangladesh. The Government of Bangladesh also organized an ICC Meeting on the first day of the RWG Meeting. The main issues discussed were the feasibility of Hib introduction in Bangladesh, progress in the utilization of GAVI ISS money, and future opportunities for countries from GAVI Phase II. At the RWG meeting, one of the topics discussed was the detailed plan of action for the expansion of Hepatitis B in 11 better performing states of India.

cMYP development: Draft cMYPs are now available for Bangladesh, Bhutan, DPR Korea, Myanmar, Nepal and Sri Lanka. WHO provided technical support for drafting these plans.

BHUTAN

30/08/06 from SEARO: The country had expressed interest to switch from DTP-HepB to DTP-HepB+Hib. WHO technical staff visited the country on the week of 17 July 2006 to evaluate the feasibility and guide the country for the next steps.

WESTERN PACIFIC REGION

REGIONAL INFORMATION

30/08/06 from WPRO:

GAVI & Regional Committee Meeting, September 2006: An informal special side session of health ministers from GAVI eligible countries will be organized in Western Pacific

forthcoming regional committee meeting scheduled for 18-22 September 2006 to brief them on policies and procedures in GAVI Phase II and to obtain their feedback. Dr. Mercy Ahun, head of the Country Support Team will represent the GAVI Secretariat.

Field Guidelines for prevention of mother to child transmission of Hepatitis B: The Western Pacific Region has developed operational guidelines for delivery of HepB vaccine birth dose to prevent mother to child transmission of HepB. The guidelines are expected to be officially published soon. The guidelines are expected to facilitate universal implementation of HepB vaccine delivery within 24 hours of birth in the Region, contributing to achievement of the Regional goal of less than 2% chronic hepatitis B infection rates by 2012.

CAMBODIA

30/08/06 from WPRO: WPRO provided assistance in July 2006 to finalize draft plans for **measles elimination** in line with the Regional Goal for measles elimination in 2012. Continued technical assistance is being provided on supplemental immunization campaigns, the introduction of a second dose of measles vaccine, and ensuring financial sustainability through a combination of donor and governmental support of the effort.

KIRIBATI

30/08/06 from WPRO: WPRO will coordinate technical support in November-December 2006 to help prepare their **cMYP** and apply for **Hib vaccine introduction support** from GAVI.

LAO PDR

30/08/06 from WPRO:

- Technical support is being provided from 28 August to 15 September 2006 to train the national and selected provincial staff in **DQS methodology** and doing DQS in randomly sampled provinces and districts. The DQS is expected to prepare the country in identifying any existing problems in data quality and management issues and redress them before going for an external data quality audit to receive GAVI ISS support.

- WPRO provided assistance in July 2006 to finalize draft plans for **measles elimination** in line with the Regional Goal for measles elimination in 2012. Continued technical assistance is being provided on supplemental immunization campaigns, the introduction of a second dose of measles vaccine, and ensuring financial sustainability through a combination of donor and governmental support of the effort.

SOLOMON ISLANDS

30/08/06 from WPRO:

- The country reported their **highest validated coverage** ever in an SIA organized by its Ministry of Health, vaccinating nearly 60,000 children (96% of the target group exceeding the goal of 95%). With WHO/WPRO collaboration, a US CDC STOP team provided assistance in the campaign in which nearly all Solomon Islands' children aged 1 year to 4 years were vaccinated against measles in a 3-month immunization effort. The immunization campaign was initiated in late March and implemented in all provinces across Solomon Islands, finishing at the end of July 2006.
- WPRO will coordinate technical support in November-December 2006 to help prepare their **cMYP** and apply for **Hib vaccine introduction support** from GAVI.

VIETNAM

30/08/06 from WPRO: Technical assistance will be provided by WPRO in collaboration with the International Vaccine Institute (IVI) to carry out **rapid disease burden assessment due to Hib** in August-September 2006. A national level workshop will be organized in the last week of September with participants from international partners, Global Hib Initiative, national stakeholders and provincial hospital managers to discuss the existing data, adequacy of data to make an informed decision to introduce Hib vaccine and next possible steps.

END

Produced by WHO, in collaboration with UNICEF and the GAVI Alliance:



LIST OF MEETINGS & KEY EVENTS RELATED TO IMMUNIZATION

Regional Meetings & Key Events Related to Immunization: September - December 2006 to 2009					
Title of Meeting	Start	Finish	Location	Responsible Partner	Region
Sep-06					
EURO Joint Regional Workshop on multi-year planning and health systems	September	September	Istanbul, Turkey	EURO	EUR
Regional Inter-Agency Immunization Coordinating Committee for Europe	01-Sep	01-Sep	Istanbul, Turkey	EURO	EUR
Sub-Regional Meeting for National Plan on Health Care Waste Management	September	September	Mozambique	AFRO	AFR
SEARO Regional Committee Meeting	04-Sep	08-Sep	Dhaka, Bangladesh	SEARO	SEAR
PAHO Workshop on Economic Analysis for the Introduction of New Vaccines	05-Sep	08-Sep	Washington DC	PAHO	Americas
EURO Regional Committee Meeting	11-Sep	14-Sep	Copenhagen, Denmark	EURO	EUR
WPRO Regional Committee Meeting	18-Sep	22-Sep	Auckland	WPRO	WPR
European Immunization Week: Lessons Learned and Next Steps	19-Sep	20-Sep	Copenhagen, Denmark	EURO	EUR
AMRO Regional Committee Meeting	25-Sep	29-Sep	Washington DC	PAHO	Americas
GAVI Monitoring Review	26-Sep	29-Sep	Geneva	GAVI Secretariat	Specific
Polio Laboratory Network for Countries of Central and Eastern Europe	27-Sep	27-Sep	tbd	EURO	EUR
Joint GAVI Alliance and Fund Executive Committee Meeting	27-Sep	27-Sep	New York	GAVI Secretariat	Global
Oct-06					
GAVI Proposals Review (Deadline: 6 October 2006)	tbd	tbd	Geneva	GAVI Secretariat	Specific
SEARO Global Training Network (GTN) course on Vaccine Management	09-Oct	13-Oct	Khon Kaen, Thailand	SEARO	SEAR
Laboratory Training Workshop on JE Laboratory Network for SEA Region	11-Oct	13-Oct	New Delhi, India	SEARO	SEAR
EMRO Regional Consultation on Routine Immunization Schedule	18-Sep	19-Sep	Cairo, Egypt	EMRO	EMR
SIGN Meeting	23-Oct	25-Oct	Mexico City	PAHO	Americas
SEARO Global Training Network (GTN) course on Lot Release of Vaccines at Central Drugs Laboratory (CDL)	23-Oct	27-Oct	Kasauli, India	SEARO	SEAR
TECHNET Meeting	26-Oct	27-Oct	Mexico City	PAHO	Americas

European Technical Advisory Group of Experts (ETAGE) meeting	24-Oct	25-Oct	Copenhagen, Denmark	EURO	EUR
Nov-06					
Western European Measles and Rubella Laboratory Network	01-Nov	04-Nov	tbd	EURO	EUR
GAVI Review for HSS Applications (Deadline: 3 November 2006)	13-Nov	17-Nov	Geneva	GAVI Secretariat	Specific
Caribbean EPI Managers Meeting	13-Nov	17-Nov	tbd	PAHO	Americas
EMRO Inter-Country Workshop on Bacterial Meningitis Surveillance Network	19-Nov	20-Nov	Cairo, Egypt	EMRO	EMR
EMRO Inter-Country Meeting on Hib Initiative	20-Nov	21-Nov	Cairo, Egypt	EMRO	EMR
EMRO Meeting of RWG for Rotavirus Surveillance	20-Nov	21-Nov	Cairo, Egypt	EMRO	EMR
Strategic Advisory Group of Experts (SAGE) meeting	20-Nov	22-Nov	Geneva	WHO/HQ	Global
GAVI Review for ISS & INS Applications (Deadline: 3 November 2006)	22-Nov	27-Nov	Geneva	GAVI Secretariat	Specific
EMRO Annual Inter-country Meeting on Measles/Rubella Control/Elimination	27-Nov	29-Nov	Amman, Jordan	EMRO	EMR
African Task Force on Immunization and Regional ICC Meeting	27-Nov	30-Nov	Maputo, Mozambique	AFRO	AFR
EMRO Measles Lab Focal Points Meeting	30-Nov	30-Nov	Amman, Jordan	EMRO	EMR
GAVI Alliance Board Meeting	28-Nov	29-Nov	Berlin	GAVI Secretariat	Global
GAVI Fund Board Meeting	29-Nov	30-Nov	Berlin	GAVI Secretariat	Global
Global Advisory Committee of Vaccine Safety (GACVS) Meeting	29-Nov	30-Nov	Geneva	WHO/HQ	Global
EMRO EPI TAG Members Meeting	30-Nov	30-Nov	Amman, Jordan	EMRO	EMR
Dec-06					
SEARO GAVI Regional Working Group Meeting	04-Dec	04-Dec	Katmandu, Nepal	SEARO	SEAR
Global Vaccine Research Forum	04-Dec	06-Dec	Bangkok, Thailand	WHO	Global
SEAR TCG & EPI Managers Meeting	05-Dec	08-Dec	Katmandu, Nepal	SEARO	SEAR
15th Meeting of Virologists from SEAR Polio Laboratory Network	05-Dec	08-Dec	Katmandu, Nepal	SEARO	SEAR
European GAVI Regional Working Group Meeting	06-Dec	06-Dec	Copenhagen, Denmark	EURO	EUR
European Inter-Agency Coordinating Committee Meeting	07-Dec	07-Dec	Copenhagen, Denmark	EURO	EUR
Annual General Meeting of Developing Countries Vaccine Manufacturers Network	08-Dec	09-Dec	Bangkok, Thailand	Serum Institute, India	Specific

SEARO Regional National Control Laboratory Meeting	11-Dec	13-Dec	Jakarta, Indonesia	SEARO	SEAR
GAVI EMRO Regional Working Group Meeting	18-Dec	19-Dec	Sanaa, Yemen	EMRO	EMR
2007 Meetings					
GAVI Review for NVS & Measles 2nd Dose Applications (Deadline: 15 December 2006)	22-Jan	31-Jan	Geneva	GAVI Secretariat	Specific
East & South African EPI Managers Meeting	Feb	Feb	Mombasa, Kenya	AFRO (E&S)	AFR
Global Immunization Meeting	13-Feb	15-Feb	tbd	WHO/HQ	Global
European Technical Advisory Group of Experts (ETAGE) meeting	26-Mar	26-Mar	tbd	EURO	EUR
European Programme Managers Meeting	27-Mar	27-Mar	tbd	EURO	EUR
Regional Inter-Agency Immunization Coordinating Committee for Europe	30-Mar	30-Mar	tbd	EURO	EUR
Strategic Advisory Group of Experts (SAGE) meeting	16-Apr	17-Apr	Geneva	WHO/HQ	Global
European Immunization Week	16-Apr	22-Apr	tbd	EURO	EUR
EMRO EPI Managers Meeting	May	May	tbd	EMRO	EMR
Global Advisory Committee of Vaccine Safety (GACVS) Meeting	12-Jun	13-Jun	Geneva	WHO/HQ	Global
European Polio Regional Coordinating Committee Meeting	13-Jun	15-Jun	tbd	EURO	EUR
Strategic Advisory Group of Experts (SAGE) meeting	6 or 13 November	8 or 13 November	Geneva	WHO/HQ	Global
European Inter-Agency Coordinating Committee Meeting	09-Nov	09-Nov	tbd	EURO	EUR
European Technical Advisory Group of Experts (ETAGE) meeting	28-Nov	29-Nov	tbd	EURO	EUR
Global Advisory Committee of Vaccine Safety (GACVS) Meeting	12-Dec	13-Dec	CICG	WHO/HQ	Global
2008 Meetings					
Strategic Advisory Group of Experts (SAGE) meeting	08-Apr	10-Apr	Geneva	WHO/HQ	Global
Strategic Advisory Group of Experts (SAGE) meeting	03-Nov	05-Nov	Geneva	WHO/HQ	Global
2009 Meetings					
Strategic Advisory Group of Experts (SAGE) meeting	07-Apr	09-Apr	Geneva	WHO/HQ	Global
Strategic Advisory Group of Experts (SAGE) meeting	27-Oct	29-Oct	Geneva	WHO/HQ	Global