



Prevention and control of perinatal hepatitis B
virus (HBV) transmission in the WHO
European Region
Istanbul, Turkey, March 15-17, 2006

country	Endem icity (%)	Univers. HepB newborn	timing	schedule	Coverage (%)	other programs	HBsAg screening pregnant	HBIg	Deliv.
Turkey	2-8	Since 2003	0-24h 24-48h 48-72h	0-2m-9m No comb.	94 90 85	Risk group	Not system.	Yes, for exp. Newb.	78% HC fac. -<24h 23% out HC fac. -<72h.
Tajikistan	≥ 8	Since 2002	0-24h > 72h	0-2m-4m No comb.	98 96 94	no		no	71% HC fac -< 24h
Uzbekistan	≥ 8	Oct 2001	0-24h	0-2m-6m No comb.	99.2 98.4 98.9	no	Yes, 92% 13% HBsAg+	no	95% HC fac 5% out HC
Kazakhstan	2-8 ≥ 8	1998	0-24h	0-2m-4m No comb.	99 99 99	Risk group Infant	no	no	99.9% HC fac
Georgia	2-8	2003	0-24h	0-2m-4m No comb.	96.5 77 73.4	Risk groups	no	Yes for exp. Newb.	95% HC fac 5% out HC fac
Kyrgyzstan	≥ 8	1999- 2000	0-24h	0-2m-5m No comb	98.9 98.5 97.4	no	Yes, 7.7% 3.6-5.2% HBsAg+	no	98% HC fac

country	Data based on	contra-indica.	barriers	Monitoring impact	procurement	procurement	Changes in cold chain	Freezing assessm.	Other birth vacc.
Turkey	Admin. report.	no		-Imm rep. System -Dis. Surv.	central	tender	Refrig. capacity enlarged	Sept. 2005	
Tajikistan	Admin. report	WHO		-Imm rep. System -Coverage survey	central	Unicef/ GAVI	-Refrig. capacity enlarged -Cold boxes	no	BCG, OPV
Uzbekistan	Admin. report		-Training -Cold chain cap	-Imm rep. System -Coverage survey	central	Unicef	-Refrig. capacity enlarged -Cold boxes	Yes, WHO	BCG, day 3-5
Kazakhstan	Admin report	-Early deliv. -Low birth weight -other	-Req. For delay of first dose (neonatolog.)	-Imm rep. System -Dis. Surv.	Central	tender	-Refrig. capacity enlarged -Cold boxes	2002, Unicef	BCG, OPV
Georgia	Admin report	-Acute illness -Fever > 38.5	-Public acceptance -Media	-Imm rep. System Coverage survey	central	GAVI	-Refrig. capacity enlarged -Cold boxes	Yes	BCG
Kyrgyzstan	Admin report	Low birth weight	financing	Imm rep. System Dis. Surv	central	Unicef GAVI	Refrig. capacity enlarged	no	BCG,OPV