

Supplemental Table 1.**Prediction of clinical pregnancy (either ended as early pregnancy loss or live birth) and live birth by given cut-off values of sequential application for POD 12 hCG- β and its fold change between POD 12 and 14 (January 2012 to December 2014 at the IVF Clinic of Cheil General Hospital).**

Pregnancy outcome	Sequential application		Sensitivity (%)	Specificity (%)	PPV (%)	NPV (%)	OR (95% CI)	P value
	Given cut-off of Initial hCG- β level (mIU/mL)	Given cut-off of increase (fold)						
Fresh cycles								
Clinical pregnancy	< 30.2	2.85	65.0	75.2	62.9	76.8	5.625 (3.734-8.474)	<0.001
	\geq 30.2	2.56	69.1	59.4	96.5	10.7	3.263 (1.573-6.770)	0.001
Live birth	< 40.5	2.87	71.0	67.5	47.1	85.2	5.098 (3.449-7.533)	<0.001
	\geq 40.5	2.79	61.0	63.2	59.7	64.5	2.691 (2.081-3.481)	<0.001
Frozen-thawed cycle								
Clinical pregnancy	< 31.5	2.51	76.5	75.7	68.8	82.2	10.166 (5.545-18.639)	<0.001
	\geq 31.5	2.38	82.2	66.7	95.4	30.9	9.224 (4.702-18.093)	<0.001
Live birth	< 43.5	2.72	83.3	63	35.7	93.9	8.519 (3.958-18.333)	<0.001
	\geq 43.5	2.56	84.3	38.6	71.3	57.4	3.359 (1.705-6.617)	<0.001