

**Supplementary Table II. HCMV infection status using different approaches**

Approaches to detect HCMV infection	Total (n=83)	Without BOH group (n=38)	BOH group (n=45)	<i>P</i> value
IgM+	20% (17/83)	21% (8/38)	20% (9/45)	
IgG+	99% (82/83)	97% (37/38)	100% (45/45)	
IA	15% (12/82)	14% (5/37)	16% (7/45)	
HA	85% (70/82)	86% (32/37)	84% (38/45)	
IgM+ & IA	34% (28/83)	34% (13/38)	33% (15/45)	
Recent infection	13% (11/82)	14% (5/37)	13% (6/45)	
Recurrent infection	21% (17/82)	22% (8/37)	20% (9/45)	
Past exposure	66% (54/82)	65% (24/37)	67% (30/45)	
HCMV PCR+	71% (59/83)	84% (32/38)	60% (27/45)	0.0171
Integrated approach: IgM+, IA & PCR+	82% (68/83)	89% (34/38)	76% (34/45)	
Latent infection	2% (2/83)	5% (2/38)		
Latent to active infection	1% (1/83)	3% (1/38)		
Active infection to latency	1% (1/83)		2% (1/45)	

Recent infection: IgM-, IgG+, low/intermediate avidity, recurrent HCMV infection: IgM+, IgG+, high avidity and past exposure: IgM-, IgG+, high avidity. Comparisons between groups was evaluated by Fisher's exact test. +, positive; IA, intermediate IgG avidity; HA, high IgG avidity