

S4 Appendix. Characteristics of included studies

First Author	Year of publication	Period	Population	Diagnosis test	Regions	Timing of data collection	Settings	Sites	Mean age, years	Median age, years	Age range, years	Sex	%Male	Design	Risk of bias	#Cases	#Sample size	Prevalence, %	Lower limit, 95%CI	Upper limit, 95%CI
Amougou ¹	2016	2013-2014	General	EIA	Center	Prospective	Urban	Hospital	42	NR	11-82	Both	31	CC	Moderate	3	85	3.5	1.2	9.9
Amougou ¹	2016	2013-2014	Hepatocellular Carcinoma patients	EIA	Center	Prospective	Urban	Hospital	46	NR	8-93	Both	69	CC	Moderate	23	88	26.1	18.1	36.2
Ankouane ²	2015	2013	Blood Donors	ELISA	Center	Retrospective	Urban	Hospital	28	NR	16-55	Both	94	CS	Moderate	289	9024	3.2	2.9	3.6
Birguel ³	2011	NR	Healthcare Workers	RDT	Far North	Prospective	Rural	Hospital	NR	NR	NR	Both	NR	CS	Moderate	6	93	6.5	3.0	13.4
Dionne-Odom ⁴	2016	2014	Blood Donors	EIA	South West, North West, Littoral	Retrospective	Both	Hospital	NR	33	15-75	Both	76	CS	Moderate	71	4225	1.7	1.3	2.1
Eboumbou Moukoko ⁵	2014	2012	Blood Donors	ELISA	Littoral	Prospective	Urban	Hospital	30	NR	NR	Both	80	CS	Low	6	477	1.3	0.6	2.7
Feldt ⁶	2013	2009-2010	HIV-Infected	EIA	North West	Retrospective	Urban	Hospital	38	NR	NR	Both	34	CS	High	7	279	2.5	1.2	5.1
Feldt ⁶	2013	2009-2010	HIV-Infected	EIA	North West	Retrospective	Urban	Hospital	8	NR	NR	Both	50	CS	High	5	200	2.5	1.1	5.7
Fouelifack Ymele ⁷	2012	2008	Blood Donors	ELISA	Center	Retrospective	Urban	Hospital	NR	28	16-69	Both	93	CS	Moderate	67	4644	1.4	1.1	1.8
Foupouapouognigni ⁸	2011	2005-2008	General	EIA	East, Center, South	Prospective	Rural	Population	NR	NR	NR	Both	NR	CS	Moderate	2	346	0.6	0.2	2.1
Fritzsche ⁹	2013	2011	Healthcare Workers	ELISA	South West	Prospective	Both	Hospital	34	NR	20-66	Both	31	CS	Low	4	237	1.7	0.7	4.3
Kuate-Tegueu ¹⁰	2015	2013	Diabetic Patients	ELISA	Littoral	Prospective	Urban	Hospital	60	NR	18-	Both	36	CS	Moderate	21	306	6.9	4.5	10.3
Laurent ¹¹	2007	2001	General	EIA	East	Prospective	Rural	Population	NR	34	15-	Both	47	CS	Low	102	484	21.1	17.7	24.9
Laurent ¹²	2009	2001-2003	HIV-Infected	EIA	Center	Prospective	Urban	Hospital	NR	35	NR	Both	33	CS	Moderate	21	169	12.4	8.3	18.2
Luma ¹³	2016	2014-2015	HIV-Infected	RDT	Littoral, South West	Prospective	Both	Hospital	44	NR	NR	Both	71	CS	Low	23	833	2.8	1.8	4.1
Mbanya ¹⁴	2003	2001	Blood Donors	EIA	Center	Prospective	Urban	Hospital	NR	NR	18-60	Both	78	CS	Moderate	12	252	4.8	2.7	8.1
Mbopi-Keou ¹⁵	2015	2012	General	RDT	West	Prospective	Both	Population	NR	36	15-	Both	44	CS	Moderate	4	982	0.4	0.2	1.0
Mogtomo ¹⁶	2009	1995-2004	Blood Donors	ELISA	Littoral	Prospective	Urban	Hospital	NR	NR	NR	Both	NR	CS	Moderate	7	304	2.3	1.7	4.7
Mogtomo ¹⁶	2009	1999-2003	Blood Donors	ELISA	Littoral	Prospective	Urban	Hospital	NR	NR	NR	Both	NR	CS	Moderate	12	1114	1.1	0.6	1.9
Nerrienet ¹⁷	2005	2003	General	ELISA	Center	Prospective	Both	Hospital	NR	NR	0-97	Both	NR	CS	Moderate	224	1434	15.6	13.8	17.6
Njouom ¹⁸	2005	2001-2003	Pregnant Women	ELISA	Center	Prospective	Urban	Hospital	26	NR	13-46	Female	0	CS	Moderate	89	5008	1.8	1.4	2.2
Njouom ¹⁹	2003	2000-2001	Pregnant Women	ELISA	Center	Prospective	Urban	Hospital	26	NR	14-43	Female	0	CS	Moderate	28	1494	1.9	1.3	2.7
Noah ²⁰	2014	2012-2013	General	ELISA	Center	Prospective	Urban	Hospital	40	NR	NR	Both	NR	CC	High	4	40	10.0	4.1	23.1
Noah ²⁰	2014	2012-2013	Hepatocellular Carcinoma patients	ELISA	Center	Prospective	Urban	Hospital	41	NR	NR	Both	NR	CC	High	12	40	30.0	18.1	45.4
Noubiap ²¹	2013	2011-2012	Blood Donors	RDT	Littoral	Prospective	Both	Hospital	33	NR	18-62	Both	82	CS	Low	26	543	4.8	3.3	6.9

Noubiap ²²	2015	NR	HIV-Infected	ELISA	Center, East, South, South-West, North-West	Prospective	Both	Hospital	NR	NR	NR	Both	NR	CS	Moderate	38	531	7.2	5.3	9.7
Pépin ²³	2010	NR	Elderly (> 60 years)	EIA	South	Prospective	Both	Population	70	NR	60-102	Both	38	CS	Low	252	451	55.9	51.3	60.4
Sack ²⁴	2013	2008-2009	Sickle Cell Disease Patients	RDT	Center	Prospective	Urban	Hospital	21	NR	5-47	Both	53	CS	Low	18	108	16.7	10.8	24.8
Salpini ²⁵	2016	NR	HIV-Infected	ELISA	Center	Prospective	Urban	Hospital	37	NR	NR	Both	27	CS	Moderate	51	212	24.1	18.8	30.2
Tagny ²⁶	2014	2011-2012	Blood Donors	EIA	Center	Prospective	Urban	Hospital	NR	NR	NR	Both	NR	CS	Low	86	1998	4.3	3.5	5.3
Tanjong ²⁷	2016	2010	Pregnant Women	ELISA	South West	Prospective	Both	Hospital	26	NR	15-47	Female	0	CS	Low	28	406	6.9	4.8	9.8

NR: Not reported; CI: confidence interval; ELISA: enzyme linked immunoassay; EIA: enzyme immunoassay; RDT: rapid diagnosis test; CC: case control; CS: cross sectional

1. Amougou MA, Noah DN, Moundipa PF, et al. A prominent role of Hepatitis D Virus in liver cancers documented in Central Africa. BMC infectious diseases 2016;**16**(1):647.
2. Ankouane F, Noah Noah D, Atangana MM, et al. [Seroprevalence of hepatitis B and C viruses, HIV-1/2 and syphilis among blood donors in the Yaounde Central Hospital in the centre region of Cameroon]. Transfusion clinique et biologique : journal de la Societe francaise de transfusion sanguine 2016;**23**(2):72-7.
3. Birguel J, Ndong JG, Akhavan S, et al. [Viral markers of hepatitis B, C and D and HB vaccination status of a health care team in a rural district of Cameroon]. Medecine tropicale : revue du Corps de sante colonial 2011;**71**(2):201-2.
4. Dionne-Odom J, Mbah R, Rembert NJ, et al. Hepatitis B, HIV, and Syphilis Seroprevalence in Pregnant Women and Blood Donors in Cameroon. Infectious diseases in obstetrics and gynecology 2016;**2016**:4359401.
5. Eboumbou Moukoko CE, Ngo Sack F, Essangui Same EG, et al. HIV, HBV, HCV and T. pallidum infections among blood donors and Transfusion-related complications among recipients at the Laquintinie hospital in Douala, Cameroon. BMC hematology 2014;**14**(1):5.
6. Feldt T, Sarfo FS, Zoufaly A, et al. Hepatitis E virus infections in HIV-infected patients in Ghana and Cameroon. Journal of clinical virology : the official publication of the Pan American Society for Clinical Virology 2013;**58**(1):18-23.
7. Fouelifack Ymele F, Keugoung B, Fouedjio JH, et al. High Rates of Hepatitis B and C and HIV Infections among Blood Donors in Cameroon: A Proposed Blood Screening Algorithm for Blood Donors in Resource-Limited Settings. Journal of blood transfusion 2012;**2012**:458372.
8. Foupouapouognigni Y, Mba SA, Betsem a Betsem E, et al. Hepatitis B and C virus infections in the three Pygmy groups in Cameroon. Journal of clinical microbiology 2011;**49**(2):737-40.
9. Fritzsche C, Becker F, Hemmer CJ, et al. Hepatitis B and C: neglected diseases among health care workers in Cameroon. Transactions of the Royal Society of Tropical Medicine and Hygiene 2013;**107**(3):158-64.
10. Kuate-Tegueu C, Temfack E, Ngankou S, et al. Prevalence and determinants of diabetic polyneuropathy in a sub-Saharan African referral hospital. Journal of the neurological sciences 2015;**355**(1-2):108-12.
11. Laurent C, Bourgeois A, Mpoudi M, et al. HIV and hepatitis C virus coinfection, Cameroon. Emerging infectious diseases 2007;**13**(3):514-6.
12. Laurent C, Bourgeois A, Mpoudi-Ngole E, et al. High rates of active hepatitis B and C co-infections in HIV-1 infected Cameroonian adults initiating antiretroviral therapy. HIV medicine 2010;**11**(1):85-9.
13. Luma HN, Eloumou SA, Ekaney DS, et al. Sero-prevalence and Correlates of Hepatitis B and C Co-infection Among HIV-infected Individuals in Two Regional Hospitals in Cameroon. The open AIDS journal 2016;**10**:199-208.

14. Mbanya DN, Takam D, Ndumbe PM. Serological findings amongst first-time blood donors in Yaounde, Cameroon: is safe donation a reality or a myth? *Transfus Med* 2003;**13**(5):267-73.
15. Mbopi-Keou FX, Nkala IV, Kalla GC, et al. [Prevalence and factors associated with HIV and viral hepatitis B and C in the city of Bafoussam in Cameroon]. *Pan Afr Med J* 2015;**20**:156.
16. Mogtomo ML, Fomekong SL, Kuate HF, et al. [Screening of infectious microorganisms in blood banks in Douala (1995-2004)]. *Sante* 2009;**19**(1):3-8.
17. Nerrienet E, Pouillot R, Lachenal G, et al. Hepatitis C virus infection in cameroon: A cohort-effect. *Journal of medical virology* 2005;**76**(2):208-14.
18. Njouom R, Pasquier C, Ayouba A, et al. Low risk of mother-to-child transmission of hepatitis C virus in Yaounde, Cameroon: the ANRS 1262 study. *Am J Trop Med Hyg* 2005;**73**(2):460-6.
19. Njouom R, Pasquier C, Ayouba A, et al. Hepatitis C virus infection among pregnant women in Yaounde, Cameroon: prevalence, viremia, and genotypes. *Journal of medical virology* 2003;**69**(3):384-90.
20. Noah DN, Nko'ayissi G, Ankouane FA, et al. Présentation clinique, biologique et facteurs de risque du Carcinome hépatocellulaire : une étude Cas-Témoins à Yaoundé au Cameroun. *Revue de Médecine et de Pharmacie* 2014;**4**(2).
21. Noubiap JJ, Joko WY, Nansseu JR, et al. Sero-epidemiology of human immunodeficiency virus, hepatitis B and C viruses, and syphilis infections among first-time blood donors in Edea, Cameroon. *Int J Infect Dis* 2013.
22. Noubiap JJ, Aka P, Nanfack AJ, et al. Hepatitis B and C Co-Infections in Some HIV-Positive Populations in Cameroon, West Central Africa: Analysis of Samples Collected Over More Than a Decade. *PLoS ONE* 2015;**10**.
23. Pepin J, Lavoie M, Pybus OG, et al. Risk factors for hepatitis C virus transmission in colonial Cameroon. *Clinical infectious diseases : an official publication of the Infectious Diseases Society of America* 2010;**51**(7):768-76.
24. Sack FN, Noah Noah D, Zouhairatou H, et al. [Prevalence of HBsAg and anti-HCV antibodies in homozygous sickle cell patients at Yaounde Central Hospital]. *Pan Afr Med J* 2013;**14**:40.
25. Salpini R, Fokam J, Ceccarelli L, et al. High Burden of HBV-Infection and Atypical HBV Strains among HIV-infected Cameroonians. *Current HIV research* 2016;**14**(2):165-71.
26. Tagny CT, Mbanya D, Murphy EL, et al. Screening for hepatitis C virus infection in a high prevalence country by an antigen/antibody combination assay versus a rapid test. *Journal of virological methods* 2014;**199**:119-23.
27. Enow Tanjong R, Teyim P, Kamga HL, et al. Sero-prevalence of Human Immunodeficiency Virus and hepatitis viruses and their correlation with CD4 T-cell lymphocyte counts in pregnant women in the Buea Health District of Cameroon. *International Journal of Biological and Chemical Sciences* 2016;**10**(1):219-31.