

Criteria Grid  
Best Practices and Interventions for the Prevention and Awareness of Hepatitis C

Best Practice/Intervention:	Cruz et al. (2005). Safety of blood supply in the Caribbean countries: Role of screening blood donors for markers of hepatitis B and C viruses, Journal of Clinical Virology, 34(2), S75-S80.			
Date of Review:	May 23, 2011			
Reviewer(s):	Alison Marshall			
<b>Part A</b>				
Category:	Basic Science <input type="checkbox"/> Clinical Science <input type="checkbox"/> Public Health/Epidemiology <input checked="" type="checkbox"/> Social Science <input type="checkbox"/> Programmatic Review <input type="checkbox"/>			
Best Practice/Intervention:	Focus:    Hepatitis C <input checked="" type="checkbox"/> Hepatitis C/HIV <input type="checkbox"/> Other: <u>HBV</u> Level:    Group <input checked="" type="checkbox"/> Individual <input type="checkbox"/> Other:    _____ Target Population: <u>Data collected: total number of donors, screening coverage and prevalence of serological markers for HBV and HCV in 24 Caribbean countries</u> Setting: Health care setting/Clinic <input checked="" type="checkbox"/> Home <input type="checkbox"/> Other: <u>Secondary data from clinics</u> Country of Origin: <u>24 Caribbean countries</u> Language:    English <input checked="" type="checkbox"/> French <input type="checkbox"/> Other:    _____			
<b>Part B</b>				
	YES	NO	N/A	COMMENTS
Is the best practice/intervention a meta-analysis or primary research? Please go to Comments section.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Meta-analysis --national data from Caribbean Epidemiology Center (CAREC) --status of blood supply in Caribbean countries and estimated risk of receiving a tainted transfusion and acquiring hepatitis B and C or related infections during 1996-2003
The best practice/intervention shows evidence of "scale up" ability	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Secondary data; information systems may be incomplete; estimates made

The best practice/intervention shows evidence of transferability	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
The best practice/intervention shows evidence of adaptation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Quality of information may change over time
Do the methodology/results described allow the reviewer(s) to assess the generalizability of the results?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	YES	NO	N/A	COMMENTS
Are the best practices/methodology/results described applicable in developed countries?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Other strategies can be used for estimating risk of transfusion-transmitted infections
Are the best practices/methodology/results described applicable in developing countries?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Demonstrates challenges and opportunities
The best practice/intervention has utilized a program evaluation process	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Consultation and feedback with community has taken place	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
The best practice/intervention is sensitive to gender issues	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
The best practice/intervention is sensitive to multicultural and marginalized populations	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
The best practice/intervention is easily accessed/available electronically	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Journal of Clinical Virology
Is there evidence of a cost effective analysis? If so, what does the evidence say? Please go to Comments section	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
How is the best practice/intervention funded? Please go to Comments section	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Bill and Melinda Gates Foundation and the Pan American Health and Education Foundation

Is the best practice/intervention dependent on external funds?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Other relevant criteria: <u>Notable Findings</u>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<p>--The number of countries that did not screen any units of blood for HCV decreased from 11 in 1996 to 5 in 2003</p> <p>--In 1996 universal HBV screening occurred in all countries but Grenada, which reached 100% coverage by 2000</p> <p>--High prevalence of anti-HCV antibodies were found in Guyana, Jamaica, Belize, British Virgin Islands, and Bahamas</p> <p>--The prevalence rate of HBC marker, HBsAG was higher than HCV; 14 of the 24 countries had rates above 10.</p> <p>--Risk of receiving HCV tainted blood was low. Countries with highest risk was Guyana, Belize, Haiti and British Virgin Islands</p> <p>--Over a five year period, screening of blood for transfusion is estimated as preventing 21 005 HCV and 22 100 HBV infections</p>