

Criteria Grid
Best Practices and Interventions for the Diagnosis and Treatment of Hepatitis C

Best Practice/Intervention:	Qiu et al. (2011). Validation of the simplified criteria for diagnosis of autoimmune hepatitis in Chinese patients, <i>Journal of Hepatology</i> , 54, 340-347.			
Date of Review:	May 6, 2011			
Reviewer(s):	Alison Marshall			
Part A				
Category:	Basic Science <input type="checkbox"/> Clinical Science <input checked="" type="checkbox"/> Public Health/Epidemiology <input type="checkbox"/> Social Science <input type="checkbox"/> Programmatic Review <input type="checkbox"/>			
Best Practice/Intervention:	Focus: Hepatitis C <input type="checkbox"/> Hepatitis C/HIV <input type="checkbox"/> Other: Autoimmune Hepatitis (AIH) _____ Level: Group <input checked="" type="checkbox"/> Individual <input type="checkbox"/> Other: _____ Target Population: <u>405 persons of Chinese descent with AIH or other chronic liver diseases</u> Setting: Health care setting/Clinic <input checked="" type="checkbox"/> Home <input type="checkbox"/> Other: _____ Country of Origin: <u>China</u> Language: English <input checked="" type="checkbox"/> French <input type="checkbox"/> Other: _____			
Part B				
	YES	NO	N/A	COMMENTS
Is the best practice/intervention a meta-analysis or primary research?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Primary Research --The study assessed the sensitivity, specificity, and the predictability of the 2008 simplified diagnostic scoring system developed by the International Autoimmune Hepatitis Group (IAIHG) for the pre-treatment diagnosis of autoimmune hepatitis (AIH) <u>compared to</u> the 1999 IAIHG revised original diagnostic scoring system. Original diagnostic scoring system was developed in 1993. --30 participants had chronic hepatitis C

The best practice/intervention has utilized an evidence-based approach to assess:				
Efficacy	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Effectiveness	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
The best practice/intervention has been evaluated in more than one patient setting to assess:				
Efficacy	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Effectiveness	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

	YES	NO	N/A	COMMENTS
The best practice/intervention has been operationalized at a multi-country level:				
There is evidence of capacity building to engage individuals to accept treatment/diagnosis	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
There is evidence of outreach models and case studies to improve access and availability	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
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"/>	Revised original criteria utilized in China widely but this is the first known study of simplified criteria being applied to a Chinese population group.
Are the best practices/methodology/results described applicable in developed countries?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Simplified criteria test has been applied in Europe, North America, and Japan.
Are the best practices/methodology/results described applicable in developing countries?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Not known if simplified criteria test has been utilized in developing countries.
Evidence of manpower requirements is indicated in the best practice/intervention	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Juried journal reports of this treatment, intervention, or diagnostic test have occurred	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Yes. See Simplified criteria for the diagnosis of autoimmune hepatitis. (2008). Hepatology, 48(1):169-76.
International guideline or protocol has been established	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Simplified diagnostic test has been utilized in some countries.

The best practice/intervention is easily accessed/available electronically	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Available online.
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"/>	National Natural Science Foundation of China, Shanghai Pujiang Program, and the Program of Shanghai Innovative Research Team
Other relevant criteria: <u>Notable Findings</u>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<p>--Both diagnostic sampling tools had high diagnostic accuracy for Chinese persons with AIH; however, there were discrepancies [e.g. 47 AIH patients different classifications based on test].</p> <p>--sensitivity and specificity of simplified criteria were: 90% and 95% for probable AIH; 62% and 99% for definite AIH</p> <p>--sensitivity and specificity of revised original criteria were: 100% and 93% for probable AIH and 64% and 100% for definite AIH</p> <p>--Persons with atypical features (e.g. low IgG levels) may be excluded from diagnosis of AIH by simplified criteria.</p> <p>--Recommendation: use simplified criteria first, then if atypical features are present or are highly likely apply further analysis needed with revised original criteria</p> <p>--Definite AIH should only be made following a liver histological assessment</p> <p>--Further study is needed; small number (30 participants) of persons with chronic hepatitis C (CHC)</p>