

## 2. 急性胆管炎診断基準、重症度判定基準

Diagnosis and severity grading of acute cholangitis (0330\_Record)

### 【3-4 クリニカルクエスチョンの設定】CQ2

スコープで取り上げた重要臨床課題(Key Clinical Issue)				
急性胆管炎は、代表的な腹部救急疾患の一つであり、適切な治療を行わないと敗血症となりlife-threateningとなる危険がある。このため、迅速に的確に診断する必要があるが、特異的な血清マーカーや画像診断の所見はなく、長らく共通の診断基準というものがなく各医療施設の独自の基準で診断されていた。2007年に世界で初めての診断基準がTG07診断基準として作成されたが、感度が低いなどの限界が報告され2013年にはTG13診断基準として改訂された。実地臨床において、このTG13診断基準を用いて急性胆管炎を診断することが有用であるか評価、検証する。				
CQの構成要素				
P (Patients, Problem, Population)				
性別	指定なし			
年齢	指定なし			
疾患・病態	急性胆管炎			
地理的要件	なし			
その他				
I (Interventions)／C (Comparisons, Controls)のリスト				
TG13診断基準の使用、TG07診断基準、長らく慣用的に診断基準として位置づけられてきたCharcot3徵				
O (Outcomes)のリスト				
	Outcomeの内容	益か害か	重要度	採用可否
O1	診断能	益	10 点	○
O2			点	
O3			点	
O4			点	
O5			点	
O6			点	
O7			点	
O8			点	
O9			点	
O10			点	
作成したCQ				
How are TG13 diagnostic criteria for acute cholangitis appraised?				

#### 【4-6 評価シート 観察研究】CQ2

診療ガイドライン	急性胆管炎
対象	急性胆管炎
介入	診断基準
対照	

- \*バイアスリスク、非直接性  
各メインの評価は“高(-2)”、“中／疑い(-1)”、“低(0)”の3段階  
まとめは“高(-2)”、“中(-1)”、“低(0)”の3段階でエビデンス総体に反映させる
- \*\*上昇要因  
各項目の評価は“高(+2)”、“中(+1)”、“低(0)”の3段階  
まとめは“高(+2)”、“中(+1)”、“低(0)”の3段階でエビデンス総体に反映させる
- 各アウトカムごとに別紙にまとめる

卷之二十一

## 【4-7 評価シート エビデンス総体】CQ2

診療ガイドライン	
対象	急性胆管炎
介入	TG13急性胆管炎診断基準の使用
対照	

エビデンスの強さはRCT(は)“強(A)”からスタート、観察研究は弱(C)からスタート

\* 各ドメインは「高(-2)」、「中(-1)」、「低(0)」の3段階

\*\*\* 重要性(アントウコトノヒツヨウセイ)の強さ(クダチスイ)は、甲(A)、乙(B)、丙(C)、非常に弱(D)の4段階

\*\*\* 妻はアントワネットの重姫(ルイ・フィリップ)

コメント(該当するセルに記入)

A blank 10x10 grid for drawing or plotting.

## 【5-1 推奨文章案】CQ2

### 1. CQ

How are TG13 diagnostic criteria for acute cholangitis appraised?

### 2. 推奨草案

TG13診断基準は、軽症例や画像所見を得にくい症例の診断に限界があるが、現在提唱されている唯一の診断基準であり、より多くの急性胆管炎と考えられる患者を急性胆管炎と診断することが可能である。

### 3. 作成グループにおける、推奨に関連する価値観や好み(検討した各アウトカム別に、一連の価値観を想定する)

迅速に診断して胆道ドレナージや抗菌薬の投与などの的確な治療を行わないと、life-threateningとなる危険性のある本症の診断基準には、良好な感度であることが最も求められる。急性胆管炎の診断基準は慣用的に用いられてきたCharcot三徴、世界で初めて作成されたTG07診断基準以外ではなく、TG13診断基準はこれらよりも良好な診断率を有することから、実地臨床において有用と考えられる。

### 4. CQに対するエビデンスの総括(重大なアウトカム全般に関する全体的なエビデンスの強さ)

A(強)     B(中)     C(弱)     D(非常に弱い)

### 5. 推奨の強さを決定するための評価項目(下記の項目について総合して判定する)

推奨の強さの決定に影響する要因	判定	説明
アウトカム全般に関する全体的なエビデンスが強い ・全体的なエビデンスが強いほど推奨度は「強い」とされる可能性が高くなる。 ・逆に全体的なエビデンスが弱いほど、推奨度は「弱い」とされる可能性が高くなる。	<input type="checkbox"/> はい <input type="checkbox"/> いいえ	Gold standardがない疾患であるため、診断基準の診断能の検証が難しい。特異度の検証がされていない
益と害のバランスが確実(コストは含まず) ・望ましい効果と望ましくない効果の差が大きければ大きいほど、推奨度が強くなる可能性が高い。 ・正味の益が小さければ小さいほど、有害事象が大きいほど、益の確実性が減じられ、推奨度が「弱い」とされる可能性が高くなる。	<input checked="" type="checkbox"/> はい <input type="checkbox"/> いいえ	TG13診断基準を用いることの患者への害は存在しない。

### 推奨の強さに考慮すべき要因

患者の価値観や好み、負担の確実さ(あるいは相違)

正味の利益がコストや資源に十分に見合ったものかどうかなど

臨床徴候、迅速に施行が可能で結果が得られるルーチンの血液検査、画像診断によって診断が可能であり、患者への侵襲も小さく、コストも高くない。

明らかに判定当てはまる場合「はい」とし、それ以外は、どちらとも言えないを含め「いいえ」とする

【3-4 クリニカルクエスチョンの設定】CQ3

スコープで取り上げた重要臨床課題(Key Clinical Issue)				
急性胆管炎が疑われる場合体外式超音波を施行すべきか？				
CQの構成要素				
P (Patients, Problem, Population)				
性別	指定なし			
年齢	指定なし			
疾患・病態	急性胆管炎			
地理的要件	指定なし			
その他	指定なし			
I (Interventions)／C (Comparisons, Controls)のリスト				
O (Outcomes)のリスト				
	Outcomeの内容	益か害か	重要度	採用可否
O1	経済性		点	
O2	安全性		点	
O3	診断能		点	
O4	簡便性		点	
O5			点	
O6			点	
O7			点	
O8			点	
O9			点	
O10			点	
作成したCQ				

#### 【4-6 評価シート 観察研究】CQ3

診療ガイドライン	急性胆管炎における超音波の意義
対象	
介入	
対照	

10

非主接性

各ドメインの評価は「高(-2)」、「中(-1)」、「低(0)」の3段階  
また「まじめ」は「高(-2)」、「中(-1)」、「低(0)」の3段階でエンドレス絶体に反映される

上題圖

各項目の評価は“高(+2)”、“中(+1)”、“低(0)”の3段階でまとめます。また各項目の評価は“高(+2)”、“中(+1)”、“低(0)”の3段階で工ビデオ総合的に反映させる各アウトカムと一緒に紙にまとめる。

卷之三

コトバ(該当するキャラに記入)

### 【4-6 評価シート 観察研究】CQ3

診療ガイドライン	急性胆管炎における超音波の意義
対象	
介入	
対照	

\*ハイアリストク、非直接性  
各ドメインの評価は“高(-2)”、“中/疑い(-1)”、“低(0)”の3段階  
まとめは“高(-2)”、“中(-1)”、“低(0)”の3段階でエビデンス総体に反映させる

\*\*上昇要因  
各項目の評価は“高(+2)”、“中(+1)”、“低(0)”の3段階  
まとめは“高(+2)”、“中(+1)”、“低(0)”の3段階でエビデンス総体に反映させる  
各アカウントごとに別紙にまとめる

コメント(該当するセルに記入)

### 【4-6 評価シート 観察研究】CQ3

診療ガイドライン	急性胆管炎における超音波の意義
対象	
介入	
対照	

\*ハイアリストク、非直接性  
各ドメインの評価は“高(-2)”、“中/疑い(-1)”、“低(0)”の3段階  
まとめは“高(-2)”、“中(-1)”、“低(0)”の3段階でエビデンス総体に反映させる

\*\*上昇要因  
各項目の評価は“高(+2)”、“中(+1)”、“低(0)”の3段階  
まとめは“高(+2)”、“中(+1)”、“低(0)”の3段階でエビデンス総体に反映させる  
各アカウントごとに別紙にまとめる

**コメント(該当するセルに記入)**

### 【4-6 評価シート 観察研究】CQ3

診療ガイドライン	急性胆管炎における超音波の意義
対象	
介入	
対照	

\*\*ハイアリストク、非直接性  
各ドメインの評価は「高(-2)」、「中/疑い(-1)」、「低(0)」の3段階  
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\*\*上昇要因  
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各アカウムごとに別紙にまとめる

**コメント(該当するセルに記入)**

4-7 評価シート エビデンス総体】CQ3

診療ガイドライン	急性胆管炎が疑われる場合体外式超音波を施行すべきか?
対象	
介入	
対照	

エビデンスの強さはRCT(は)“強(A)”からスタート、観察研究は弱(C)からスタート

\* 各ドメインは“高(-2)”、“中”、“低い(-1)”、“低(0)”の3段階

\*\* エビデンスの強さは「強(A)」、「中(B)」、「弱(C)」、「非常に弱(D)」の4段階

\*\*\* 重姫よノゾトノ公の重姫(一~四)

照  
文

コメント(該当するセルに記入)

A blank 10x10 grid for drawing or plotting.

## 【5-1 推奨文章案】CQ3

### 1. CQ

急性胆管炎の診断におけるUSの位置づけは？

### 2. 推奨草案

胆管炎そのものをUSで診断することは容易でないが、その間接所見である胆管拡張や原因となる結石、腫瘍の描出に有用であり、さらにその低侵襲性、普及度、簡便性、経済性から急性胆管炎の形態学的診断において第一選択的検査法として位置付けられる。

### 3. 作成グループにおける、推奨に関連する価値観や好み(検討した各アウトカム別に、一連の価値観を想定する)

USの普及度、簡便性、経済性、低侵襲性について検討した論文は見当たらないが、国際的に衆目の一致するところであり、改めて証明する必要はないものと思われる。診断能にはかなりのばらつきがみられるが、施行することによる損失が非常に少ないことを重視した。

### 4. CQに対するエビデンスの総括(重大なアウトカム全般に関する全体的なエビデンスの強さ)

A(強)     B(中)     C(弱)     D(非常に弱い)

### 5. 推奨の強さを決定するための評価項目(下記の項目について総合して判定する)

推奨の強さの決定に影響する要因	判定	説明
アウトカム全般に関する全体的なエビデンスが強い ・全体的なエビデンスが強いほど推奨度は「強い」とされる可能性が高くなる。 ・逆に全体的なエビデンスが弱いほど、推奨度は「弱い」とされる可能性が高くなる。	<input type="checkbox"/> はい <input checked="" type="checkbox"/> いいえ	
益と害のバランスが確実(コストは含まず) ・望ましい効果と望ましくない効果の差が大きければ大きいほど、推奨度が強くなる可能性が高い。 ・正味の益が小さければ小さいほど、有害事象が大きいほど、益の確実性が減じられ、推奨度が「弱い」とされる可能性が高くなる。	<input checked="" type="checkbox"/> はい <input type="checkbox"/> いいえ	

### 推奨の強さに考慮すべき要因

患者の価値観や好み、負担の確実さ(あるいは相違)

正味の利益がコストや資源に十分に見合ったものかどうかなど

明らかに判定当てはまる場合「はい」とし、それ以外は、どちらとも言えないを含め「いいえ」とする





## 【4-6 評価シート 觀察研究】CQ4-6

診療ガイドライン	急性胆管炎の診断基準と重症度判定基準
対象	
介入	

\*バイアスリスク、非直接性

各ドメインの評価は“高(-2)”、“中/疑い(-1)”、“低(0)”の3段階  
まとめば“高(-2)”、“中(-1)”、“低(0)”の3段階でエビデンス総体に反映させる

\*\* 上昇要因

各項目の評価は“高(+2)”、“中(-1)”  
または“高(+2)”、“中(+1)”、“低(-1)”。  
各アウトカムごとに別紙にまとめる。

アウトカム		急性胆管炎の成因診断					
個別研究		バイアスリスク*					
選択バイアス	実行バイアス	検出バイアス		症例現象バイアス		その他	
		不完全なオーバーフィッティング	不適切なアトカム測定	不十分な統計的調査の整備	その他のバイアス		
研究コード	研究デザイン	背景因子の差	ケアの差				
Eun, 2012	コホート研究	-1	0	0	0	0	0
Singh, 2014	コホート研究	-1	-1	0	0	0	0

急性胆管炎の成因診断

卷之二十一

A blank 10x10 grid for drawing or plotting.



Title	Identifiers	Properties
Bacteremia with Raoultella planticola in the setting of acute pancreatitis complicated with acute cholangitis. PMID:28229615	create date:2017/02/24   first author:Merino Rodríguez E	
Comparative performance of non-contrast MRI with HASTE vs. contrast-enhanced MRI/3D-MRCP for possible choledocholithiasis in hospitalized patients.	PMID:28154911	create date:2017/02/06   first author:Kang SK
Recent advances in the diagnosis and treatment of primary biliary cholangitis.	PMID:27957241   PMCID:PMC5124714	create date:2016/12/14   first author:Huang YQ
Percutaneous Cholecystostomy: Evidence-Based Current Clinical Practice.	PMID:27904248   PMCID:PMC5088094	create date:2016/12/03   first author:Guilaya K
Optimal Timing of Endoscopic Retrograde Cholangiopancreatography in Acute Cholangitis.	PMID:27875357	create date:2016/11/23   first author:Hou LA
Clinical features of gallstone impaction at the ampulla of Vater and the effectiveness of endoscopic biliary drainage without papilotomy.	PMID:27556102   PMCID:PMC4993907	create date:2016/08/25   first author:Takano Y
Metronidazole-Induced Encephalopathy in Alcoholic Liver Disease: A Diagnostic and Therapeutic Challenge. PMID:27471133		create date:2016/07/30   first author:Sonthalia N
Factors and Outcomes Associated with MRCP Use prior to ERCP in Patients at High Risk for Choledocholithiasis.	PMID:27446845   PMCID:PMC4904705	create date:2016/07/23   first author:Anand G
Hepatosplenic tuberculosis simulating secondary malignant lesions with cholangitis.	PMID:27324380   PMCID:PMC4915084	create date:2016/06/22   first author:Diallo I
Liver Hydatid Cyst and Acute Cholangitis: a Case Report.	PMID:27309273	
Use of Magnetic Resonance in Pancreaticobiliary Emergencies.	PMID:27150328	
Radiological management of multiple hepatic artery pseudoaneurysms associated with cholangitic abscesses.	PMID:27081232   PMCID:PMC4813083	
Acute cholangitis: An unexpected cause of fever of unknown origin diagnosed by (18)F-FDG PET/CT.	PMID:27033744	create date:2016/04/02   first author:Yadrucci M
Controversy and progress for treatment of acute cholangitis after Tokyo Guidelines (TG13).	PMID:26961212	create date:2016/03/11   first author:Sun Z
Child with Jaundice and Pruritus: How to Evaluate?	PMID:26932879	create date:2016/03/05   first author:Jagadisan B
Mortality Risk for Acute Cholangitis (MAC): a risk prediction model for in-hospital mortality in patients with acute cholangitis.	PMID:26860903   PMCID:PMC4746925	create date:2016/02/11   first author:Schneider J
Fatal Central Nervous System Disease Following First Infliximab Infusion in a Child With Inflammatory Bowel Disease.	PMID:26831951	create date:2016/02/03   first author:Baumer FM
An Unusual Cause of Right Upper Quadrant Pain in a Patient With Prior Liver Transplantation for Primary Sclerosing Cholangitis.	PMID:26827800	create date:2016/02/02   first author:Kris M
Diagnosis and management of bile stone disease and its complications.	PMID:26771377	create date:2016/01/16   first author:Cremier A
BCL3 Reduces the Sterile Inflammatory Response in Pancreatic and Biliary Tissues.	PMID:26526716	create date:2015/11/04   first author:Song L
Autoimmune Liver Disease Post-Liver Transplantation: A Summary and Proposed Areas for Future Research. [Hemobilia secondary to hepatic artery pseudoaneurysm].	PMID:26447505   PMCID:PMC4764021	create date:2015/10/09   first author:Edmunds C
Letter: acute cholangitis: understanding predictors of outcome--authors' reply.	PMID:26353464	create date:2015/09/12   first author:Panno C
The role of per oral cholangiopancreatostoscopy (POCPS) in complicated pancreaticobiliary disease.	PMID:26260560	create date:2015/08/19   first author:Kim JJ
		create date:2015/08/12   first author:Syam AF

Fieber und rezidivierende Koliken nach Cholezystektomie.			
Fluorocholangiography: reincarnation in the laparoscopic era—evaluation of intra-operative cholangiography in 3635 laparoscopic cholecystectomies.	PMID:26260283	create date:2015/08/12   first author:Kroh A	
Definitive diagnosis of a duplicate gallbladder can only be made intraoperatively: report of a case.	PMID:26194264	create date:2015/07/22   first author:Nassar AH	
Endoscopic snare papillectomy for a solitary Peutz–Jeghers-type polyp in the duodenum with ingrowth into the common bile duct: Case report.	PMID:26185884	create date:2015/07/18   first author:Ozaki N	
[Application of hepatic segment resection combined with rigid choledochoscope in the treatment of complex hepatolithiasis guided by three-dimensional visualization technology].	PMID:26185397   PMCID:PMC4499368	create date:2015/07/18   first author:Suzuki K	
Delayed endoscopic retrograde cholangiopancreatography is associated with persistent organ failure in hospitalised patients with acute cholangitis.	PMID:26082246	create date:2015/06/18   first author:Xiang N	
Liver disease in pregnancy.	PMID:25997554	create date:2015/05/23   first author:Lee F	
Acute Cholangitis following Intraductal Migration of Surgical Clips 10 Years after Laparoscopic Cholecystectomy.	PMID:25982587	create date:2015/05/20   first author:Geenes V	
Autoimmune pancreatitis. A report of 5 cases from Tunisia: diagnostic challenge.	PMID:25874138   PMCID:PMC4385640	create date:2015/04/16   first author:Cookson NE	
Adenomas of the common bile duct in familial adenomatous polyposis.	PMID:25860681	create date:2015/04/11   first author:Gharbi L	
Hepatic abscess: Diagnosis and management.	PMID:25780319   PMCID:PMC4356941	create date:2015/03/18   first author:Yan ML	
Portal cavernoma cholangiopathy—clinical characteristics.	PMID:25755593   PMCID:PMC4244822	create date:2015/03/11   first author:Duseja A	
Portal cavernoma cholangiopathy: consensus statement of a working party of the Indian national association for study of the liver.	PMID:25755591   PMCID:PMC4274351	create date:2015/03/11   first author:Dhiman RK	
[A case of acute opisthorchiasis concurrent with chronic hereditary hemolytic anemia].	PMID:25715494	create date:2015/02/27   first author:Navrotsky AN	
Fascioliasis simulating an intrahepatic cholangiocarcinoma—Case report with imaging and pathology correlation.	PMID:25713810   PMCID:PMC4318963	create date:2015/02/26   first author:Losada H	
Multidisciplinary Treatment of Cystic Fibrosis–Related Recurrent Pyogenic Cholangitis (CF–RPC).	PMID:25630419	create date:2015/01/30   first author:Buxbaum J	
Education and imaging. Hepatology: "central dot sign" of Caroli syndrome.	PMID:25619235	create date:2015/01/27   first author:Perricone G	
Endoscopic Sphincterotomy Using the Rendezvous Technique for Choledocholithiasis during Laparoscopic Cholecystectomy. A Case Report.	PMID:25298761   PMCID:PMC4176404	create date:2014/10/10   first author:Tanaka T	
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Imaging of the biliary tract.	PMID:1581135	create date:1992/06/01   first author:Goldberg HI
Laparoscopic approach to cholecystectomy.	PMID:1531565	create date:1992/01/01   first author:Talamini MA
Oriental cholangiohepatitis: pathologic, clinical, and radiologic features.	PMID:2048504	create date:1991/07/01   first author:Lim JH
Diagnostic and interventional procedures for the biliary tract.	PMID:1859780	create date:1991/06/01   first author:Goldberg HI
Ampicillin-sulbactam therapy for multiple pyogenic hepatic abscesses.	PMID:2292177	create date:1990/12/01   first author:Zenon GJ 3rd
Stenosis of the sphincter of Oddi.	PMID:2247819	create date:1990/12/01   first author:Moody FG
Laparoscopic cholecystectomy.	PMID:2147301	create date:1990/12/01   first author:Gadaoz TR
Role of computed tomography in the management of recurrent pyogenic cholangitis.	PMID:2390045	create date:1990/08/01   first author:Fan ST
CT of the extrahepatic bile ducts: wall thickness and contrast enhancement in normal and abnormal ducts.	PMID:2104731	create date:1990/01/01   first author:Schulte SJ
[Endoscopic papillotomy in the treatment of choledocholithiasis—technic, indications, results].	PMID:2009694	create date:1989/10/15   first author:Schulz HJ
Intranhepatic periportal abnormal intensity on MR images: an indication of various hepatobiliary diseases.	PMID:2104798	create date:1989/05/01   first author:Matsuji O
Change in hepatic function, hemodynamics, and morphology after liver transplant. Physiological effect of therapy.	PMID:22650042   PMCID:PMC1494074	create date:1989/05/01   first author:Millikan WJ Jr
The role of transplantation in liver disease.	PMID:2348619	create date:1989/04/01   first author:Jenkins RL
Evaluation of recurrent pyogenic cholangitis with CT: analysis of 50 patients.	PMID:2309092	create date:1989/01/01   first author:Chan FL
Cytomegalovirus infection of the alimentary canal: radiologic findings with pathologic correlation.	PMID:30311723	create date:1987/05/01   first author:Teixidor HS
The treatment of acute cholangitis. Percutaneous transhepatic biliary drainage before definitive therapy.	PMID:3566375   PMCID:PMC1492730	create date:1987/04/01   first author:Pessa ME
CT detection of portal venous gas associated with suppurative cholangitis and cholecystitis.	PMID:3376731	create date:1985/11/01   first author:Dennis MA
[Increasing importance of biliary cysts (choleceles)].	PMID:6344225	create date:1983/01/31   first author:Stellamor K
[Immediate results of deep suture of the common bile duct].	PMID:7013246	create date:1980/12/01   first author:Rodionov VV
Demonstration of cavitated hepatic masses by "skinny needle" transhepatic cholangiography. The need for ultrasonic or computed tomography evaluation in obstructive jaundice.	PMID:6251717	create date:1980/04/01   first author:Pond GD
Accuracy of computed tomography of the liver and biliary tract.	PMID:194273	create date:1977/07/01   first author:Levitt RG

handout

242 Transient Arterial Enhancement of the Hepatic Parenchyma in Patients With Acute Cholangitis Kim, Sang Won MD; Shin, Hyoeng Cheol MD; Kim, Il Young MD

243 Diagnostic accuracy of MRCP as compared to ultrasound/CT in patients with obstructive jaundice Singh

### 【3-4 クリニカルクエスチョンの設定】CQ7

スコープで取り上げた重要臨床課題(Key Clinical Issue)								
急性胆管炎は、胆管閉塞に伴う急激な胆管内圧の上昇によって感染胆汁が胆管から体循環に流入して全身の炎症反応をきたす。この状態が持続すれば敗血症となり、胆道減圧術(胆管ドレナージ)が必要となる。2007年に世界で初めての重症度判定基準が作成されたが、中等症が迅速に診断時に判定できないなどの実地臨床で用いるには限界があり、TG13急性胆管炎重症度判定基準に改訂された。TG13急性胆管炎重症度判定基準は、予後予測因子であるとともに、胆管ドレナージが必要な胆管炎を同定して適切なタイミングで行うための指標となることを目的に作成されている。実地臨床において、TG13重症度判定基準が有用性であるかを評価、検証する。								
CQの構成要素								
P (Patients, Problem, Population)								
性別	指定なし							
年齢	指定なし							
疾患・病態	急性胆管炎							
地理的要件	なし							
その他								
I (Interventions)／C (Comparisons, Controls) のリスト								
TG13重症度判定診断基準の使用								
O (Outcomes) のリスト								
	Outcomeの内容	益か害か	重要度	採用可否				
O1	治療方針の決定に有用	益	10 点	○				
O2	予後予測に有用	益	8 点	○				
O3			点					
O4			点					
O5			点					
O6			点					
O7			点					
O8			点					
O9			点					
O10			点					
作成したCQ								
How are TG13 Severity Assessment Criteria for acute cholangitis appraised?								

【4-6 評価シート】CQ7観察研究

診療ガイドライン	対象	介入	対照
	急性胆管炎	TG13重症度判定基準	

- \*バイアスリスク、非直接性  
各メインの評価は“高(-2)”、“中／疑い(-1)”、“低(0)”の3段階  
まとめは“高(-2)”、“中(-1)”、“低(0)”の3段階でエビデンス総体に反映させる
- \*\*上昇要因  
各項目の評価は“高(+2)”、“中(+1)”、“低(0)”の3段階  
まとめは“高(+2)”、“中(+1)”、“低(0)”の3段階でエビデンス総体に反映させる
- 各アウトカムごとに別紙にまとめる

個別研究		予後予測		バイアスリスク*			
研究コード	研究デザイン	選択バイアス	実行バイアス	検出バイアス	症例現象バイアス	その他	
Kiriyama	症例集積	0	0	0	0	0	0
Gang Sun	症例集積	-2	0	0	0	0	0
Nishino	症例集積	-2	0	0	0	0	0
Schneider	症例集積	0	0	0	0	0	0

コメント(該当するヤルに記入)



## 【4-7 評価シート エビデンス総体】CQ7

診療ガイドライン	急性胆管炎
対象	急性胆管炎
介入用	TG13急性胆管炎重症度判定基準の更用
対照	

エビデンスの強さはRCTは“強(A)”からスタート、観察研究は弱(C)からスタート

\* 各ドメインは“高(-2)”、“中”、“低い(-1)”、“低(0)”の3段階

\*\*\* 上ビテシスの強さは 強(A)、甲(B)、弱(C)、非常に弱(D) の4段階

照  
對

コメント(該当するセルに記入)

A blank 10x10 grid for drawing or plotting.

## 【5-1 推奨文章案】CQ7

### 1. CQ

How are TG13 Severity Assessment Criteria for acute cholangitis appraised?

### 2. 推奨草案

TG13急性胆管炎重症度判定基準は、早期に胆管ドレナージを施行することによって予後の改善が期待できる患者を同定することが可能であり、治療方針の決定に有用な指標として用いることが可能である。一方、予後の予測因子に関しては、成因の違いによる影響を考慮する必要があり、今後の検討課題が残されている。

### 3. 作成グループにおける、推奨に関連する価値観や好み(検討した各アウトカム別に、一連の価値観を想定する)

TG13急性胆管炎重症度判定基準には、予後の予測とともに治療方針の決定、特に早期の胆管ドレナージが必要な患者を抽出するという意義がある。急性胆管炎患者の予後の改善には、後者の意義がより重要と考えられる。

### 4. CQに対するエビデンスの総括(重大なアウトカム全般に関する全体的なエビデンスの強さ)

A(強)     B(中)     C(弱)     D(非常に弱い)

### 5. 推奨の強さを決定するための評価項目(下記の項目について総合して判定する)

推奨の強さに影響する要因	判定	説明
アウトカム全般に関する全体的なエビデンスが強い ・全体的なエビデンスが強いほど推奨度は「強い」とされる可能性が高くなる。 ・逆に全体的なエビデンスが弱いほど、推奨度は「弱い」とされる可能性が高くなる。	<input type="checkbox"/> はい <input checked="" type="checkbox"/> いいえ	TG13重症度判定基準を検証した研究は多施設の大規模な症例集積研究があるが、retrospectiveな症例集積研究のみで数少なく、予後予測に関しては見解が一致していない。
益と害のバランスが確実(コストは含まず) ・望ましい効果と望ましくない効果の差が大きければ大きいほど、推奨度が強くなる可能性が高い。 ・正味の益が小さければ小さいほど、有害事象が大きいほど、益の確実性が減じられ、推奨度が「弱い」とされる可能性が高くなる。	<input checked="" type="checkbox"/> はい <input type="checkbox"/> いいえ	TG13重症度判定基準を用いることの患者への害は存在しない。

### 推奨の強さに考慮すべき要因

患者の価値観や好み、負担の確実さ(あるいは相違)

正味の利益がコストや資源に十分に見合ったものかどうかなど

臨床徴候と迅速に施行が可能で結果が得られるルーチンの血液検査によって診断が可能であり、患者への侵襲も小さく、コストも高くない。

明らかに判定当てはまる場合「はい」とし、それ以外は、どちらとも言えないを含め「いいえ」とする