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H. 知的所有権の出願・登録状況（予定を含む）

1. 特許取得  
なし

2. 実用新案登録  
なし

3. その他  
なし

## 酒皸診断基準と重症度スコア

### 定義

酒皸は主として中高年の顔面に発症し、その特徴として、①紅斑と毛細血管拡張を主体とした赤ら顔、②痤瘡に類似するが面皰を有しない丘疹・膿疱を主たる皮疹、③鼻部を中心とした腫瘤形成、が単独もしくは混在する疾患である。酒皸患者の多くは外界の変化に伴った皮膚症状の増悪、火照り感や敏感肌を経験・自覚している。酒皸症状を増悪させる外界環境因子として、紫外線、血流増加を来す状況（外気温の急激な変化、香辛料が効いた刺激のある食べ物、アルコール）、乾燥状態などが挙げられる(1)。外界環境因子に関連して、自然免疫機構の異常が本疾患の病態に係わるとの報告も為されている(2, 3)。また欧米人に多いとされ、何らかの遺伝素因が酒皸発症に寄与することが想定されている(4, 5)。本邦における正確な患者数や罹患頻度は不明であるが、アジア人でも数%の罹患頻度があるとの報告もあり、日本人の潜在的酒皸患者数は少なくないと考えられる。

特徴①と②を主体とした病態は、それぞれ紅斑毛細血管拡張型酒皸、丘疹膿疱型酒皸と呼ばれ、酒皸の中では比較的頻度が高く、共存していることが多いので、ここでは通常型酒皸として診断基準をまとめている。一方、特徴③を主体とする腫瘤型酒皸（鼻瘤）は、特徴①や②の共存がないことも多く、比較的男性に多いなど、通常型酒皸（紅斑毛細血管拡張型酒皸、丘疹膿疱型酒皸）と異なる点があるため、別の診断基準を設けている。

### 診断基準

#### 通常型酒皸（紅斑毛細血管拡張型酒皸、丘疹膿疱型酒皸）の診断基準

顔面に以下の主症状が2つ以上認められるものを紅斑毛細血管拡張型酒皸もしくは丘疹膿疱型酒皸確定例とし、主症状1つだけ認められるものもしくは副症状2つ以上が確認されるものを酒皸疑い例とする。

主症状	副症状
<ul style="list-style-type: none"><li>● 一過性の顔面潮紅</li><li>● 持続性紅斑もしくは紅色局面</li><li>● 丘疹と膿疱（面皰があるときは痤瘡と考える）</li><li>● 毛細血管拡張</li></ul>	<ul style="list-style-type: none"><li>● 火照り感・熱感や刺すようなヒリヒリ感（特に頬部に）</li><li>● 乾燥様外観（粗造、鱗屑。脂漏性皮膚炎の合併）</li><li>● 浮腫</li><li>● 眼症状（癢痒、刺激感、充血、麦粒腫、霰粒腫、角膜障害）</li><li>● 顔面以外の末梢での酒皸様症状</li><li>● 腫瘤様変化</li></ul>

#### 腫瘤型酒皸（鼻瘤）診断基準

以下の主症状のうち(1)を含んで2つ以上の主症状が認められるものもしくは主症状のうち(1)を含み2つ以上の副症状が認められるものを腫瘤型酒皸（鼻瘤）確定例とし、主症状のうち(1)を含んで副症状1つが確認されるものを鼻瘤・腫瘤型酒皸疑い例とする。

主症状	副症状
1. 鼻部の腫大・変形 2. 鼻部の毛細血管拡張 3. 病理組織学的に、線維化、脂腺腫大、毛細血管拡張や肉芽腫の形成を認める。	<ul style="list-style-type: none"> <li>● 紅斑毛細血管拡張型、丘疹膿疱型酒皸の合併、既往</li> <li>● 鼻部の毛孔・脂腺開大</li> <li>● 鼻部の丘疹・膿疱形成</li> <li>● 鼻部以外の腫瘤形成</li> </ul>

下記の鑑別を要する疾患の合併に留意し、必要に応じて除外診断の為の検査、皮膚生検等を考慮する。

#### 酒皸に合併しやすい疾患

- 脂漏性皮膚炎
- 口囲皮膚炎（類似疾患；酒皸様皮膚炎、ステロイド皮膚炎、ステロイド瘡瘡）
- 毛包虫性瘡瘡

#### 鑑別を要する疾患

##### 紅斑毛細血管拡張型酒皸の鑑別疾患

- 接触皮膚炎
- 光線皮膚炎
- 膠原病；顔面に紅斑を来す全身性エリテマトーデス、皮膚筋炎）

##### 丘疹膿疱型酒皸の鑑別疾患

- 尋常性瘡瘡
- 顔面播種状粟粒性狼瘡
- 好酸球性膿疱性毛包炎
- 薬疹としての瘡瘡様皮疹

#### 重症度分類

範囲によるスコアと症状によるスコアの合算で計算する。

項目	軽症	中等症	重症	スコア
皮疹範囲	頬部のみ (0点)	頬部以外の、鼻部、前額、眉間部、頤部にも病変が及ぶ。(1点)	頭部などの顔面以外にも皮疹が及ぶ (2点)	点 (0-2点)
紅斑・毛細血管拡張 (図1)	一過性潮紅、もしくはダーモスコピーで毛細血管拡張が確認される(1点)	持続性紅斑、もしくは肉眼的に毛細血管拡張が確認される(2点)	持続性紅斑から浸潤を伴う紅斑局面、もしくは著明な毛細血管拡張が確認される(3点)	点 (1-3点)
丘疹・膿疱 (図2)	片顔の丘疹・膿疱数が5個以下 (1点)	片顔の丘疹・膿疱数が6個以上20個以下 (3点)	片顔の丘疹・膿疱数が21個以上 (4点)	点 (1-4点)

腫瘍（鼻瘤） （図3）	浮腫性変化を主体とし、外形の変化は軽微にとどまる。（2点）	充実性変化を伴い、外形の隆起性変化はあっても輪郭内にとどまる。（4点）	外形の変化が顕著で、輪郭外に変形が及ぶ。（8点）	点 （2-8点）
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軽症； 1-3点  
 中等症；4-7点  
 重症； 8点以上

参考図

図1。紅斑・毛細血管拡張症状のスコア見本



一過性潮紅が主体  
（1点）

持続性紅斑  
（2点）

漫潤を伴う紅斑・浮腫  
（3点）

図2。丘疹・膿疱症状のスコア見本



片顔の丘疹・膿疱数が  
5個以下  
（1点）

片顔の丘疹・膿疱数が  
6個以上20個以下  
（3点）

片顔の丘疹・膿疱数が  
21個以上  
（4点）

図3。腫瘍・鼻瘤症状のスコア見本



浮腫性変化を主体とし、外形の変化は軽微にとどまる。  
（2点）

充実性変化を伴い、外形の隆起性変化はあっても輪郭内にとどまる。  
（4点）

外形の変化が顕著で、輪郭外に変形が及ぶ。  
（8点）

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[IV]

研究成果の刊行に関する一覧表

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