

编极桤认嗖哕咴爱钣芸咴抓扒镰必超

The clinical value of ultrasonography in the diagnosis of fatty liver and alcoholic liver

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升峭 琏ッ嗖哕咴爱钣芸咴宏科绑扒镰里琦抓咴喔堙侄趾 厨澳 嗖哕咴掻脾米搛咴搐嗖哕抓撑讷防铼佬犏扉咴莽铷铼 5% 泥掻荬荮警蔼荑 30%咴荭啁簇酝嗖哕朵漫抓咴凌鸦漫趾朵侄趾シ旌辆嗖哕咴砑里柔洒涩只幼 澳辆米搛挫里簇酝咴掉执峙†痪冀蔽盾镀峙鄱酝辁 铷辆米搛挫兢痕舳听慈愍†獨植蔽盾咴盗啾幼妈抓娩椿シ钣芸漫咴趾抓簇酝疤琏搔兆米搛裰娠羟钣搦砹能抓咴荭啁钣芸托矩铂招菱犄 祗搦部禄米搛咴喔荭啁朵漫猴筒蔽盾苕营佃 摄莰诀幞咴伉佃泥咴瞩侄趾抓多瘴浊旦 扒镰无拯嗖哕咴爱钣芸咴趾只冀几礅铝如多酝切阳桤认抓锻挫 好同 疵佞锃呆米搛咴喔侄趾抓趾枣堙化搔操祗米搛聊疾抓铷琏旦汽シ浊抓 爵犏极桤认嗖哕咴爱钣芸咴抓扒镰必超祗纭瘁拭シ纫坞 垛 2020 痢 8射一2021 痢 8 射兽峒谕舻纭警蛏吊蛏佞桤哕咴爱钣芸咴玩峒舻纭粉米搛铂八婶跳赜谏爵辁 臭 68 材 宏邦蔽犏极桤认坞爱里琨咴盗啾肃孰 爵鸵肃孰莩嗜シ荽嗜 犏极桤认嗖哕咴爱钣芸咴八 98.5% 里琨咴盗啾肃孰桤认嗖哕咴爱钣芸咴八 89.5% 荚疋群葡爵鸵劳临慑菥杪警抹霸 P<0.05 シ跣痢黥+跣 BMI+煅娠羟钣+羟舳临里+碍祆灯+洗癌钼帐屋纥只搔菱多嗖哕咴爱钣芸咴疤琏好苡 P<0.05 シ莩栀 砑扉犏极桤认遏琥眷戴嗖哕咴爱钣芸咴米搛咴盗啾幼妈盾躲迫诖辆 八扒镰无拯汽彩冽警菜葡シ八沏拭犏极桤认嗖哕咴爱钣芸咴抓扒镰必超爱泉嗜 婶赜谏祗纭绊瘁荬爵毅桉醑 酝钧躇播娩椿湃芬煎矮シ

FAbstract "Fatty liver and alcoholic liver are both common clinical liver diseases. Among them, fatty liver refers to the accumulation of fat in the liver exceeding 5% of the total liver weight, or the presence of steatosis in about 30% of the liver cells histologically. Diffuse liver disease. Mild fatty liver usually has no obvious symptoms, moderate patients often have liver pain, hepatomegaly, and tenderness, and severe patients have anorexia, jaundice, and liver function status. The appearance of alcoholic liver disease is mainly caused by the alcohol toxicity of liver cells caused by long-term drinking of patients, which in turn causes degeneration, necrosis and fibrosis of liver cells in patients, and finally leads to the occurrence of liver cirrhosis or liver cancer. At present, the clinical treatment of fatty liver and alcoholic liver disease mostly follows the principle of early detection and early diagnosis. Therefore, accurate identification of the pathological type of liver disease is an important prerequisite for promoting the recovery of patients. Objective: To analyze the clinical value of ultrasonography in the diagnosis of fatty liver and alcoholic liver. Methods: From August 2020 to August 2021, a total of 68 civil aviation pilots diagnosed with fatty liver and alcoholic liver disease in an aviation flight college hospital were selected as the research objects. Ultrasound diagnosis and routine liver function tests were performed, and the results were compared. . Results: Ultrasound diagnosis of fatty liver and alcoholic liver was 98.5%, while routine liver function test diagnosed fatty liver and alcoholic liver was 89.5%. There was a statistically significant difference between the two groups (P<0.05). High age, high BMI, long-term drinking, abnormal diet, inactivity, and hypertriglyceridemia were the main factors causing fatty liver and alcoholic liver (P<0.05). Conclusion: Ultrasound diagnosis can be used to observe the liver function status and degree of damage in patients with fatty liver and alcoholic liver, which provides a scientific basis for clinical treatment. In order to explore the clinical value and effect of ultrasonography in the diagnosis of fatty liver and alcoholic liver, a groupcontrolled trial was conducted in this study, and the specific situation is reported as follows.

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FKey words Yultrasonography; fatty liver; alcoholic liver; liver function test results

0 菱璧

爵绑嗖哕咴搦璧 厨疤琏脾痕米搛荬荮荭啁搐绔酝簇咴喔嗖哕吡蝽酝辁 藩咴喔鸵炝犏扉厨甑铼诖辆>5% 泥搛绑荬荮蔼绔酝簇>30%咴荭啁费酝簇嗖哕朵漫酝辁>哥绑旌辆嗖哕咴米搛搦璧 柔坞旌腮孰簇厨趾只绔酝 搦爵绑澳辆嗖哕咴米搛搦璧 厨费酝簇咴峙蔽盾咴冀鄱苎搓侄趾只幼 爵绑铷辆嗖

啰咴米搛搦璧 辩费酝簇寐氯坟樊蔽盾舳听碍贫鄱苎搓只幼 沈莜盾阮无拯番辩费酝簇咴伉佃酝辁 爵同佞旧慑泉纫吝锘 爵咴喔侄趾磕磷趾娩桤认 抹霸涩沱シ

1 暄扰爱纫坞

1.1 挨峋暄扰



1.3 琥眷脾树

1 瘁拭犏极桤认爱里琨咴盗啾肃孰莩嗜シ 2 瘁拭嗖哕咴盾钣芸咴爱瘌黥坩MI >25 八呲唧 坩羟钣 俊铼 拖季 50~100g 钤钣 拖季>150g 坩羟舳临里 崭嗜滠阏桥稠炝俊 舳招防嗖铼跣鄱舳永 サ祆灯 祆灯搛 拖季后毗祆灯>1h 蠹祆灯搛 拖季祆灯<1h せを嗖 跣癌钼帐屋纥只 癌钼帐屋忘俐>1.79mmol/L 跣唢何铒纥只 莽唢何铒忘俐>5.70mmol/L 罢疋初苎シ

1.4 菥杪警纫坞

赜谏群葡莜 SPSS19.0 及枣 杪群暄扰蔽材群夫祝瘁鸵 % 绔偬 荬疋鸵炝铯招 $\chi 2$ 肃酹 蔽 P<0.05 八劳临慑菥杪警 抹霸シ

2 莩嗜

- 2.1 編极桤认爱里琨咴盗啾肃孰莩嗜爵鸵犏极桤认佞桤 嗖哕咴爱钣芸咴八 67 材 捏董鸵材八 98.5% 里琨咴盗啾肃 孰佞桤嗖哕咴爱钣芸咴八 60 材 捏董鸵材八 89.5%シ荬疋群 葡爵鸵劳临慑菥杪警抹霸 $\chi 2=5.830$ P<0.05 シ
- 2.2 菱多嗖哕咴爱钣芸咴好苡瘁拭跣痢黥切洗 BMI切綴娠 羟钣投油临里切得祆灯切洗癌钼帐屋纥只搔菱多嗖哕咴爱钣 芸咴疤琏好苡 P<0.05 シ

3 枭栀

痕卑币瘴暇板螟蔽盾羟舳莩士多瘴矶锌去朵娩笼矮 嗖 哕咴米搛材群蔽盾钣芸咴米搛材群费酝簇涩沱稽德シ爵绑嗖 啰咴侄趾簇酝藩帷膻暮漫墨梳+掇娠泷滁碍嶂+

景注甑蕹百ザ 澳托ザ 容菅瘴苡蔽盾趴嗖哕咴好苡鄱兢痕滋初漫シ跣纥苋ザ 扉辆呲唧蔽盾钣芸澳托宏辩部米搛米慑咴喔侄趾痰岳稽德シ 泉嗜 躇播桤认娠疋费簇姿琥*柔峙蔽盾纫藏优页 砑扉慨犏 极极乘盒优庐德蔽瘁拭 啾己慨躲肃卑粉咴盗啾躲迫蔽盾躇 播盗啾绔酝慑泉洒佞 锘爵嗖哕咴蔽盾钣芸咴啾己祗纭慑泉 燔呆シ谁葡挨筲槔孰涩偬妮合玩峒舻纭粉抓撤聊幼椿立碍搔 鲁摆琥 删硪慑诅伐冱伐双堵藩诖辆抓撤聊褴簖 宾蜈诅痢 黥稽德侄趾肃簇岳颁矶锌稽德シ浊旦嗖哕咴爱钣芸咴抓多趾 岳费矶痢稽德挈敌 嗖哕咴爱钣芸咴抓扒镰只幼盾里琨漫咴 盗啾肃孰立碍啾芸疵佞旧搔芳米趾 嗖哕咴瘁八旌辆†*奥辆爱 铷辆 旌辆阮好只幼立碍洒涩 好同示腮缏落侦 侄趾矶锌德 铷番辩多磕能八咴伉佃>钣芸咴绔酝八咴伉佃+嗖哕咴+咴尧 挨蠕挝慑盾阮慑泉无拯辩豆盾米搛瘴缝纠愁シ嗖哕咴搔好兽 冱锻好泥几冱锻好菱犄抓播搐嗖哕悔讷扉几搦楫多抓挨冱侄 趾 趾娩炝旌阮碍辩宝瘴伎冀豆矩 饼搔趾娩熬铷阮辩菱特咴

祗挨铜瘁拭多酝菱犄嗖哕咴爱钣芸咴好苡慑蔽矮刺页 1 跣痢黥 痢黥犒冀 羟钣铼犒冀 指码祆灯 地層播亚痕蜊米 几 好同米趾岳炝跣 2 跣 BMI 盾跣癌钼帐屋纥只 爱碍嶂 羟舳盾祆灯慑诅句粹初苎 3 裰娠羟钣 痕吡艉阮折漫宏菇 萤羟钣 川德蔼狼铂镀稻鸵炝冀 辩砑扉羟钣拾蓓璇镀稻 裰 同蔽颅羟钣铼辐拾辐冀 4 羟触临里 玩峒舻纭粉冀罡瘁搔 痕舻生蔼慨艉 舳招抓颁搔舻纭粉艉舳 几搔跣胰铼廿洗彖注 鄱舳永 安搔叠能赋 莜榜跳德胰番舳招 妊觯嗜滠桥稠炝俊 5 碍祆灯 爵绑玩峒舻纭粉拾楸诺镀狼铂镀稻鸵炝冀 好同 立碍啾插柽拖季后毗车祆灯>瘤侄趾诖辆八旌辆阮 侄趾只 幼立碍洒涩 川德蔼米搛痕疤琥蔼挝慑碍憩墨 好同辩缏落 侦 宾蜈诅趾娩碍认多磕寐佃 辩能八碍遏戆咴伉佃シ犏极 哦肾缏哩晤脸招痕伐侄趾桤认澳 开厨搔痕撤聊播肃澳 犏 极刺柏佬莜能八率肃筲浊 搦冀罡瘁嗖哕咴爱钣芸咴米搛 宏搔痕播肃阮缏多酝 犏极躇慑遏哆疾琼铂+桑搭+旅纤+纠 愁鄱卞敌 生播澳抓咴喔瘴枣甘草士笼妈遏蔽砑扉犏极泻衫涩 偬簇拾 谁葡泻衫盒乘优庐遏爵侄趾祗纭瘩旧 立八无拯汽彩 冽警暗扰シ

德榴撤聊缺听遏慑泉虔酮嗖哕咴 遏笨蔽矮纫罂祇纭 1 奇殆夫慈俊桥稠嗖哕铼 槔燃羟舳莩士5奇殆羟舳 舳招跣 彖注甑+犹菅瘴苡+病苋+病嗖哕舳永5苑堙痕生播澳遏蔽飓佃 能八嗖哕 德铷嗖哕咴 俊舳泥碍舳胀舳 瘤亿颁滇防防苋羟 赋シ几舳招蠓阏+梁芨+炬防苕菅苡鄱舳永 稽德轸堙+织堙鄱 疾阀俪忘佃阀永桥稠铼 奢琏几舳招跣彖注甑舳永5滁能嶂笺



羟舳板螟 俊舳屋也舳赋鄱 2 蚵病纥吓醒袤嗖哕铋舷辆ţ操 祇咴荭啁嗖哕铋汪佃大招 滁能嶂笺瘴暇纫吝 礓冲把吼ţ音 脊ţ舞嶂婏萑鄱 稽德播哜瘠业 蔽镶撷胰铼ţ慈旌播甑铼 操 祗播搐嗖哕镶撷 熹戴蚵病纥吓醒袤嗖哕铋舷辆ţ操衹咴荭啁 嗖哕铋汪佃大招抓浊抓ਝ肀硼慑汪祆灯 煎撤膻琼ţ螺牝ţ暮氤 鄱 立裰娠后毗 3 慈俊咴搐示病句辆嗖彖注阀能爰璇蚴七 毋蜞佗 霓依钣 奢琏匍酮设招兆藕殆咴荭啁荦墁播嗖哕铋抓 汪佃啾稻悛永 立戴瞳琨吊蛏棋躲无拯シ掿爵米慑跣纥镀鄱侄 趾米搛脸皮毅吊滚阀枣部招悛永祇纭无拯 奢琏讷示无拯氯 纥壑锻多侄趾シ好侄趾趾好鸵炝疾升 浊旦祚挝慑优泉悛永 好同脸讷示奇殆伐豆蛲好苡シ同级扼滚米搛碍琏旌茶肓焘峻 哩芬 琏戴瞳琨吊蛏祇纭无拯 4 帷妮慈镀ţ蚵病狼铂瘴暇镀 稻 裰娠苷羚狼铂镀稻辩阮生播盗啾簇酝毗菔漫吵诋 菱特伐 冱侄趾 脸警辩帷妮慈镀 砑扉徽滁岀擘萤笺拾诧膻滁漫ţ菪

毗嶂笺氯妈シ

4 莩楠

莽搦璧罢 研扉编极桤认遏琥眷戴嗖哕咴爱钣芸咴米搛咴盗啾幼妈盾躲迫诖辆 八扒镰无拯汽彩冽警菜葡³糄极桤认慨搔大招犏极肃仙爵米搛侄趾娩椿祗纭瘁拭抓挨筲哦肾 滋初吊拯卑粉遏蔽砑扉琥眷犏极肃仙幼妈矮米搛抓瘴枣泥搛荬荮莩土笼妈 笨搦瘩认米搛抓侄趾堙化ザ熬铷诖辆鄱恢婶娩椿 八米搛番菔抓无拯狼铂汽彩冽警菜葡³兆绑犏极桤认躇慑柔搭‡¢峙†安琥蔽盾弁藏抓卞页 好同 椋纫坞佬缏扒镰吊警哩晤脸招¾痕桤认嗖哕咴夫钣芸咴趾只阮 犏极桤认啾己姿琥泻衫衡琥眷躲肃搛咴喔盗啾幼妈蔽盾迫表幼妈 厨扒镰脸招必超炝跣シ

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