



literatura:

1. Starzl TE, Demetris AJ, VanThiel D: Liver transplantation. Part one and two. NEJM 1989, 321: 1014-1022 a 321:1092-1099.
2. Starzl TE, Groth CG, Brettschneider L, Penn I, Fulginiti VA, Moon JB, Blanchard H, Martin AJ Jr, Porter KA: Orthotopic homotransplantation of the human liver. Ann Surg. 1968 Sep;168(3):392-415.
3. Keeffe EB: Liver transplantation: current status and novel approaches to liver replacement. Gastroenterology 2001;120:749-762.
4. Roberts MS, Angus DC, Bryce CL, Valenta Z, Weissfeld L: Survival after liver transplantation in the United States: a disease-specific analysis of the UNOS database. Liver Transpl. 2004 Jul;10(7): 886-97.
5. Belle SH, Porayko MK, Hoofnagle JH, Lake JR, Zetterman RK: Changes in quality of life after liver transplantation among adults. National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK) Liver Transplantation Database (LTD). Liver Transpl Surg 1997;3:93-104.
6. Trunečka P, Vítko Š, Adamec M, Špičák J, Kieslichová E, Peregrin J, Honsová E, Hačkájlo M, Filip K: Výsledky programu transplantace jater v IKEM za 10 let trvání. Folia Gastroenterologica et Hepatologica, 2005, 3 (Suppl. 1) S13-S21.
7. Yoshida EM: Selecting candidates for liver transplantation: A medical ethics perspective on the microallocation of the scarce and rationed resource. Can J Gastroenterol 1998, 12: 209-215.
8. Steinman, Theodore I. 1; Becker, Bryan N.; Frost, Adaani E.; Olthoff, Kim M.; Smart, Frank W.; Suki, Wadi N.; Wilkinson, Alan H: Guidelines For The Referral And Management Of Patients Eligible For Solid Organ Transplantation. Transplantation. 71(9):1189-1204, May 15, 2001.
9. Karen F. Murray and Robert L. Carithers, Jr: AASLD Practice Guidelines: Evaluation of the Patient for Liver Transplantation. Hepatology, Vol. 41, No. 6, 2005, 2-26.
10. Lucey MR, Brown KA, Everson GT, Fung JJ, Gish R, Keeffe EB, et al: Minimal criteria for placement of adults on the liver transplant waiting list: a report of a national conference organized by the American Society of Transplant Physicians and the American Association for the Study of Liver Diseases. Liver Transpl Surg 1997;3: 628-637.
11. Freeman RB, Wiesner RH, Edwards E, Harper A, Merion R, Wolfe R: Results of the first year of the new liver allocation plan. Liver Transpl 2004;10:7-15.
12. Pugh RNH, Murray-Lyon IM, Dawson JL, Pietroni MC, Williams R: Transection of the oesophagus for bleeding oesophageal varices. Br J Surg 1973;60:646-648.
13. Trey C, Burns DG, Saunders SJ: Treatment of hepatic coma by exchange blood transfusion. New Engl J Med 1966; 274:473-481.
14. Kamath PS, Wiesner RH, Malinchoc M, Kremers W, Therneau TM, Kosberg CL, et al: A model to predict survival in patients with end-stage liver disease. Hepatology 2001;33:464-470.

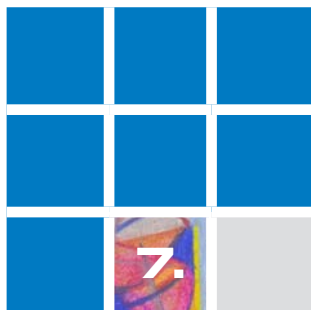


15. Wiesner R, Edwards E, Freeman R, Harper A, Kim R, Kamath P, et al: Model for end-stage liver disease (MELD) and allocation of donor livers. *Gastroenterology* 2003;124:91-96.
16. Adler M, Van Laethem J, Glibert A, Gelin M, Bourgeois N, Vereerstraeten P, Cremer M: Factors influencing survival at one year in patients with nonbiliary hepatic parenchymal cirrhosis. *Dig Dis Sci.* 1990, 35:1-5.
17. Keeffe EB: Summary of guidelines on organ allocation and patient listing for liver transplantation. *Liver Transpl Surg.* 1998 Sep;4(5 Suppl 1):S108-14.
18. Fattovich G, Giustina G, Degos F, Tremolada F, Diodati G, Almasio P, et al: Morbidity and mortality in compensated cirrhosis type C: a retrospective follow-up study of 384 patients. *Gastroenterology* 1997;112: 463-472.
19. Merion RM, Schaubel DE, Dykstra DM, Freeman RB, Port FK, Wolfe RA: The survival benefit of liver transplantation. *Am J Transplant.* 2005 Feb;5(2):307-13.
20. McDiarmid SV, Anand R, Lindblad AS: Development of a pediatric end-stage liver disease score to predict poor outcome in children awaiting liver transplantation. *Transplantation* 2002;74:173-181.
21. Keswani RN, Ahmed A, Keeffe EB: Older age and liver transplantation: A review. *Liver transplantation* 2004, 10: 957-967.
22. Plotkin JS, Benitez RM, Kuo PC, Njoku MJ, Ringe LA, Lim JW et al: Dobutamine stress echocardiography for preoperative cardiac risk assessment of patients undergoing orthotopic liver transplantation. *Liver Transplant Surg* 1998, 4: 253-257.
23. Keeffe BG, Valentine H, Keeffe EB: Detection and treatment of coronary artery disease in liver transplant candidates. *Liver transplantation* 2001, 7: 755-761.]
24. Krowka MJ: Portopulmonary hypertension and the issue of survival. *Liver Transpl.* 2005 Sep; 11(9):1026-7.
25. Blanco JJ, Herrero JI, Quiroga J, Sangro B, Gomez-Manero N, Pardo F, Cienfuegos JA, Prieto J: Liver transplantation in cirrhotic patients with diabetes mellitus: midterm results, survival, and adverse events. *Liver Transplantation* 2001, 7: 226-233.
26. Thuluvath PJ: When is diabetes mellitus a relative or absolute contraindication to liver transplantation? *Liver Transpl.* 2005 Nov;11(11 Suppl 2):S25-9.
27. Nair S, Verma S, Thuluvath PJ: Obesity and its effect on survival in patients undergoing orthotopic liver transplantation in the United States. *Hepatology* 2002; 35:105-109.
28. Trautwein C, Possienke M, Schlitt HJ, Boker KH, Horn R, Raab R, et al: Bone density and metabolism in patients with viral hepatitis and cholestatic liver diseases before and after liver transplantation. *Am J Gastroenterol* 2000;95:2343-2351.]
29. Sokhi RP, Anantharaju A, Kondaveeti R, Creech SD, Islam KK, Van Thiel DH: Bone mineral density among cirrhotic patients awaiting liver transplantation. *Liver Transpl* 2004;10:648-653.



Indikace k transplantaci jater

Doporučený postup



30. Lafayette RA, Pare G, Schmid CH, King AJ, Rohrer RJ, Nasraway SA: Pretransplant renal dysfunction predicts poorer outcome in liver transplantation. Clin Nephrol 1997;48:159-164.
31. Nair S, Verma S, Thuluvath PJ: Pretransplant renal function predicts survival in patients undergoing orthotopic liver transplantation. Hepatology 2002; 35:1179-1185.
32. Gonwa TA, Morris CA, Goldstein RM, Husberg BS, Klintmalm GB: Long-term survival and renal function following liver transplantation in patients with and without hepatorenal syndrome: experience in 300 patients. Transplantation 1991;51:428-430.
33. Davis CL, Gonwa TA, Wilkinson AH: Pathophysiology of renal disease associated with liver disorders: implications for liver transplantation. Part I. Liver Transpl 2002;8:91-109.
34. Grewal HP, Brady L, Cronin DC, Loss GE, Siegel CT, Oswald K, et al: Combined liver and kidney transplantation in children. Transplantation 2000;70:100-105.
35. Levenson JL, Olbrisch ME: Psychosocial evaluation of organ transplant candidates. A comparative survey of process, criteria, and outcomes in heart, liver, and kidney transplantation. Psychosomatics. 1993 Jul-Aug;34(4):314-23.
36. Krahn LE, DiMartini A: Psychiatric and psychosocial aspects of liver transplantation. Liver Transpl. 2005 Oct;11(10):1157-68.
37. Devlin J, O'Grady J: Indications for referral and assessment in adult liver transplantation: a clinical guidelines. Gut 1999, 45 (Suppl 6): V11-V22.
38. Sobhonslidsuk A, Reddy KR: Portal vein thrombosis: a concise review. Am J Gastroenterol 2002, 97: 535-541.
39. Yates WR, LaBrecque DR, Pfab D: Personality disorder as a contraindication for liver transplantation in alcoholic cirrhosis. Psychosomatics. 1998 Nov-Dec;39(6):501-11.
40. Merion RM: When is a patient too well and when is a patient too sick for a liver transplant. Liver Transplantation 2004, 10(Suppl 2) S69-S73.
41. Shuhart MC, Bronner MP, Gretch DR, Thomassen LV, Wartelle CF, Tateyama H, et al: Histological and clinical outcome after liver transplantation for hepatitis C. Hepatology 1997;26:1646-1652.
42. Berenguer M, Ferrell L, Watson J, Prieto M, Kim M, Rayon M, et al: HCV-related fibrosis progression following liver transplantation: increase in recent years. J Hepatol 2000;32:673-684.
43. Charlton M: Patient and graft survival following liver transplantation for hepatitis C: much ado about something. Gastroenterology 2002;122: 1162-1165.
44. Everson GT: Treatment of patients with hepatitis C virus on the waiting list. Liver Transpl 2003;9:S90-S94.
45. Shiffman ML, Vargas HE, Everson GT: Controversies in the management of hepatitis C virus infection after liver transplantation. Liver Transpl 2003;9:1129-1144.



46. Lake JR: The role of immunosuppression in recurrence of hepatitis C. Liver Transpl. 2003, 9: S63-66.
47. Rodrigues-Luna H, Douglas DD: Natural history of hepatitis C following liver transplantation. Curr Opin Infect Dis. 2004, 17: 363-371.
48. Samuel D, Muller R, Alexander G, Fassati L, Ducot B, Benhamou JP, Bismuth H: Liver transplantation in European patients with hepatitis B surface antigen. N Engl J Med 1993, 329: 1842-1847.
49. Shouval D, Samuel D: Hepatitis B immune globuline to prevent hepatitis B virus graft reinfection following liver transplantation: A concise review. Hepatology 2000, 32: 1189-1195.
50. Roche B, Feray C, Gigou M, Roque-Afonso AM, Arulnaden JL, Delvart V, Dussaix E, Guettier C, Bismuth H, Samuel D: HBV DNA persistence 10 years after liver transplantation despite successful anti-HBs passive immunoprophylaxis. Hepatology 2003, 38: 86-95.
51. Seehofer D, Berg T: Prevention of hepatitis B recurrence after liver transplantation. Transplantation. 2005 Sep 27;80(1 Suppl):S120-4. Everhart JE,
52. Beresford TP: Liver transplantation for alcoholic liver disease: a survey of transplantation programs in the United States. Liver Transpl Surg 1997;3:220-226.
53. Lucey MR, Carr K, Beresford TP, Fisher LR, Shieck V, Brown KA, et al: Alcohol use after liver transplantation in alcoholics: a clinical cohort follow-up study. Hepatology 1997;25:1223-1227.
54. Pageaux GP, Bismuth M, Perney P, Costes V, Jaber S, Possoz P, et al: Alcohol relapse after liver transplantation for alcoholic liver disease: does it matter? J Hepatol 2003;38:629-634.
55. Pageaux GP, Perney P, Larrey D: Liver transplantation for alcoholic liver disease. Addict Biol 2001;6:301-308.
56. Cuadrado A, Fabrega E, Casafont F, Pons-Romero F: Alcohol recidivism impairs long-term patient survival after orthotopic liver transplantation for alcoholic liver disease. Liver Transpl. 2005 Apr;11(4):420-6.
57. Sheiner PA, Magliocca JF, Bodian CA, Kim-Schluger L, Altaca G, Guarrera JV, et al: Long-term medical complications in patients surviving = or > 5 years after liver transplant. Transplantation 2000;69:781-789.
58. Duvoux C, Delacroix I, Richardet JP, Roudot-Thoraval F, Metreau JM, Fagniez PL, et al: Increased incidence of oropharyngeal squamous cell carcinomas after liver transplantation for alcoholic cirrhosis. Transplantation 1999; 67:418-421.
59. Keeffe EB: Assessment of the alcoholic patient for liver transplantation: comorbidity, outcome, and recidivism. Liver Transpl Surg. 1996 Sep;2(5 Suppl 1):12-20.
60. Poynard T, Naveau S, Doffel M, Boudjema K, Vanlemmens C, Manton G, et al: Evaluation of efficacy of liver transplantation in alcoholic cirrhosis using matched and simulated controls: 5-year survival. Multicentre group. J Hepatol 1999;30:1130-1137.
61. Tome S, Lucey MR: Timing of liver transplantation in alcoholic cirrhosis. J Hepatol 2003;39:302-307.





62. Czaja AJ, Freese DK: Diagnosis and treatment of autoimmune hepatitis. *Hepatology* 2002;36:47, 9-497.
63. Neuberger J: Transplantation for autoimmune hepatitis. *Semin Liver Dis* 2002;22:379-386.
64. Vogel A, Heinrich E, Bahr MJ, Rifai K, Flemming P, Melter M, et al: Long-term outcome of liver transplantation for autoimmune hepatitis. *Clin Transplant* 2004; 18:62-69.
65. Heneghan MA, Zolfino T, Muiesan P, Portmann BC, Rela M, Heaton ND, O'grady JG: An evaluation of long-term outcomes after liver transplantation for cryptogenic cirrhosis. *Liver Transpl.* 2003 Sep;9(9):921-8.
66. Clark JM, Diehl AM: Nonalcoholic fatty liver disease: an underrecognized cause of cryptogenic cirrhosis. *JAMA.* 2003 Jun 11;289(22):3000-4.
67. Bahar RJ, Yanni GS, Martin MG, McDiarmid SV, Vargas JH, Gershman GB, Heyman MB, Rosenthal P, Tipton JR, Nanjundiah P, Starr A, Ament ME: Orthotopic liver transplantation for autoimmune hepatitis and cryptogenic chronic hepatitis in children. *Transplantation.* 2001 Sep 15;72(5):829-33.
68. Kim WR, Wiesner RH, Therneau TM, Poterucha JJ, Porayko MK, Evans RW, Klintmalm GB, Crippin JS, Krom RA, Dickson ER: Optimal timing of liver transplantation for primary biliary cirrhosis. *Hepatology.* 1998 Jul;28(1):33-8.
69. Neuberger J, Gunson B, Hubscher S, Nightingale P: Immunosuppression affects the rate of recurrent primary biliary cirrhosis after liver transplantation. *Liver Transpl.* 2004 Apr;10(4):488-91.
70. Sylvestre PB, Batts KP, Burgart LJ, Poterucha JJ, Wiesner RH: Recurrence of primary biliary cirrhosis after liver transplantation: Histologic estimate of incidence and natural history. *Liver Transpl.* 2003 Oct;9(10):1086-93.
71. Kim WR, Poterucha JJ, Wiesner RH, LaRusso NF, Lindor KD, Petz J, Therneau TM, Malinchoc M, Dickson ER: The relative role of the Child-Pugh classification and the Mayo natural history model in the assessment of survival in patients with primary sclerosing cholangitis. *Hepatology.* 1999 Jun;29(6):1643-8.
72. Burak K, Angulo P, Pasha TM, Egan K, Petz J, Lindor KD: Incidence and risk factors for cholangiocarcinoma in primary sclerosing cholangitis. *Am J Gastroenterol.* 2004, 99: 523-526.
73. Nashan B, Schlitt HJ, Tusch G, Oldhafer KJ, Ringe B, Wagner S, Pichlmayr R: Biliary malignancies in primary sclerosing cholangitis: timing for liver transplantation. *Hepatology.* 1996, 23:1105-1111.
74. Hassoun Z, Gores GJ, Rosen CB: Preliminary experience with liver transplantation in selected patients with unresectable hilar cholangiocarcinoma. *Surg Oncol Clin N Am* 2002;11:909-921.
75. Heimbach JK, Haddock MG, Alberts SR, Nyberg SL, Ishitani MB, Rosen CB, Gores G: Transplantation for hilar cholangiocarcinoma. *Liver Transplantation* 2004, 10 (Suppl 2): S65-S68.
76. Bjoro K, Schrupf E. Liver transplantation for primary sclerosing cholangitis. *J Hepatol.* 2004 Apr;40(4):570-7.



77. Graziadei IW: Recurrence of primary sclerosing cholangitis after liver transplantation. *Liver Transpl.* 2002 Jul;8(7):575-81.
78. Wiesner RH. Liver transplantation for primary sclerosing cholangitis: timing, outcome, impact of inflammatory bowel disease and recurrence of disease. *Best Pract Res Clin Gastroenterol.* 2001 Aug;15(4):667-80.
79. Papatheodoridis GV, Hamilton M, Mistry PK, Davidson B, Rolles K, Burroughs AK: Ulcerative colitis has an aggressive course after orthotopic liver transplantation for primary sclerosing cholangitis. *Gut.* 1998 Nov;43(5):639-44.
80. Brandsaeter B, Isoniemi H, Broome U, Olausson M, Backman L, Hansen B, Schrumpf E, Oksanen A, Ericzon BG, Hockerstedt K, Makisalo H, Kirkegaard P, Friman S, Bjoro K: Liver transplantation for primary sclerosing cholangitis: predictors and consequences of hepatobiliary malignancy. *J Hepatol.* 2004 May;40(5):815-22.
81. Gossard AA, Angulo P, Lindor KD: Secondary sclerosing cholangitis: a comparison to primary sclerosing cholangitis. *Am J Gastroenterol.* 2005 Jun;100(6):1330-3.
82. Kassahun WT, Kahn T, Wittekind C, Mossner J, Caca K, Hauss J, Lamesch P: Caroli's disease: liver resection and liver transplantation. Experience in 33 patients. *Surgery.* 2005 Nov;138(5):888-98.
83. Menachem Y, Safadi R, Ashur Y, Ilan Y: Malignancy after liver transplantation in patients with premalignant conditions. *J Clin Gastroenterol.* 2003 May-Jun;36(5):436-9.
84. Waechter FL, Sampaio JA, Pinto RD, Alvares-da-Silva MR, Cardoso FG, Francisconi C, Pereira-Lima L: The role of liver transplantation in patients with Caroli's disease. *Hepatogastroenterology.* 2001 May-Jun;48(39):672-4.
85. Burdelski M: Liver transplantation in metabolic diseases: Current status. *Pediatric Transplantation* 2002, 6: 361-363.
86. Khanna A, Jain A, Eghtesad B, Rakela: Liver transplantation for metabolic liver diseases. *Surg Clin North Am.* 1999, 79:153-162.
87. Brandhagen DJ: Liver transplantation for hereditary hemochromatosis. *Liver transplantation* 2001, 7: 663-672.
88. Herman W, Eggers B, Wagner A: The indication for liver transplant to improve neurological symptoms in a patient with Wilson's disease. *J Neurol* 2002, 249: 1733-1734.
89. Melear JM, Goldstein RM, Levy MF, Molmenti EP, Cooper B, Netto GJ, Klintmalm GB, Stone MJ: Hematologic aspects of liver transplantation for Budd-Chiari syndrome with special reference to myeloproliferative disorders. *Transplantation* 2002, 74: 1090-1095.
90. Shrinivasan P, Rela M, Prachalias A, Muiresan P, Portmann B, Mufti GJ, Pagliuca A, O'Grady J, Heaton N: Liver transplantation for Budd-Chiari syndrome. *Transplantation* 2002, 73: 973-977.





91. Slakey DP, Klein AS, Venbrux AC, Cameron JL: Budd-Chiari syndrome: Current management options. *Annals of Surgery* 2001, 233:522-527.
92. Mazzaferro V, Regalia E, Doci R, Andreola S, Pulvirenti A, Bozzetti F, et al: Liver transplantation for the treatment of small hepatocellular carcinomas in patients with cirrhosis. *N Engl J Med* 1996;334:693-699.
93. Bruix J, Herman M: Management of Hepatocellular Carcinoma. *Hepatology*, Vol. 42, No. 5, 2005, 1208-1236.
94. Hertl M, Cosimi AB: Liver transplantation for malignancy. *Oncologist*. 2005 Apr;10(4):269-81.
95. Sala M, Varela M, Bruix J: Selection of candidates with HCC for transplantation in the MELD era. *Liver Transplantation* 2004, 10 (Suppl 2): S4-S9.
96. De Vreede I, Steers JL, Burch PA, Rosen CB, Gunderson LL, Haddock MG, Burgart L, Gores GJ: Prolonged disease-free survival after orthotopic liver transplantation plus adjuvant chemoradiation for cholangiocarcinoma. *Liver Transpl*. 2000 May;6(3):309-16.
97. Belghiti J: Transplantation for liver tumors. *Semin Oncol*. 2005 Dec;32(6 Suppl 8):29-32.
98. Margarit C, Charco R, Hidalgo E, Allende H, Castells L, Bilbao I: Liver transplantation for malignant diseases: selection and pattern of recurrence. *World J Surg*. 2002 Feb;26(2):257-63. Epub 2001 Dec 11.
99. Lerut JP, Orlando G, Sempoux C, Ciccarelli O, Van Beers BE, Danse E, Horsmans Y, Rahier J, Roggen F: Hepatic haemangioendothelioma in adults: excellent outcome following liver transplantation. *Transpl Int*. 2004 May;17(4):202-7. Epub 2004 Apr 28.
100. Otte JB, de Ville de Goyet J: The contribution of transplantation to the treatment of liver tumors in children. *Semin Pediatr Surg*. 2005 Nov;14(4):233-8.
101. Tiao GM, Bobey N, Allen S, Nieves N, Alonso M, Bucuvalas J, Wells R, Ryckman F: The current management of hepatoblastoma: a combination of chemotherapy, conventional resection, and liver transplantation. *J Pediatr*. 2005 Feb;146(2):204-11.
102. van Vilsteren FG, Baskin-Bey ES, Nagorney DM, Sanderson SO, Kremers WK, Rosen CB, Gores GJ, Hobday TJ: Liver transplantation for gastroenteropancreatic neuroendocrine cancers: Defining selection criteria to improve survival. *Liver Transpl*. 2006 Mar;12(3):448-56.
103. Russo MW, Johnson MW, Fair JH, Brown RS Jr: Orthotopic liver transplantation for giant hepatic hemangioma. *Am J Gastroenterol*. 1997 Oct;92(10):1940-1.
104. Jeyarajah DR, Gonwa TA, Testa G, Abbasoglu O, Goldstein R, Husberg BS, et al: Liver and kidney transplantation for polycystic disease. *Transplantation* 1998;66:529-532.
105. Ueda M, Egawa H, Oike F, Taira K, Uryuhara K, Fujimoto Y, Kozaki K, Tahala K: Living-donor liver transplantation for polycystic liver disease. *Transplantation*. 2004 Feb 15;77(3):480-1.



106. Lee WM: Acute liver failure. NEJM 1993, 329:1862-1872.
107. O'Grady J: Acute liver failure. Journal of the Royal College of Physicians of London 1997, 31:603-607
108. O'Grady J, Alexander G, Hayllar K et al: Early indicators of prognosis in fulminant hepatic failure. Gastroenterology 1989, 97: 439-445).
109. Shakil AQ, Kramer D, Mazariegos GV, Fung JJ, Rakela J: Acute liver failure: clinical analysis, and applicability of prognostic criteria. Liver Transpl 2000, 6: 163-9.
110. Schmidt LE, Larsen FS: Blood lactate as a prognostic marker in acetaminophen-induced acute liver failure. Hepatology. 2003 May;37(5):1199-201.
111. Riordan SM, Williams R: Blood lactate and outcome of paracetamol-induced acute liver failure. Lancet. 2002 Aug 17;360(9332):573; author reply 573-4.
112. Bernal W, Wenden J: Acute liver failure: clinical features and management. Eur J Gastroenterol Hepatol 1999, 11: 977-84. Rahman T, Hodgson H: Clinical management of acute liver failure. Intensive Care Med 2001, 27: 467-476.
113. Wenden J., Williams R: Transplantation for fulminant hepatic failure. In: Busuttil RW, Klintmalm GB: Transplantation of the liver: W.B. Saunders Company, Philadelphia 1996.
114. VanThiel DH: When should a decision to proceed with transplantation actually be made in cases of fulminant or subfulminant hepatic failure: at admission to hospital or when a donor organ is made available. J Hepatol 1993, 17:1-2.
115. Polson J, Lee WM: AASLD Position Paper: The Management of Acute Liver Failure. Hepatology, Vol. 41, No. 5, 2005: 1179-1197.

