

Physiopathologie hépatique de la transplantation

Sujet :

Etude des complications respiratoires et rénales de la cirrhose du foie.

Mots clés :

Anesthésie de la cirrhose hépatique.

Responsable du groupe :

Eduardo Schiffer

Collaborateurs :

C. M. Pastor

Financement :

Fonds National Suisse de la recherche scientifique, Fonds de Service APSI.

Outputs :

Schiffer ER, Mentha G, Schwieger IM, Morel DR.

Sequential changes in the splanchnic circulation during continuous endotoxin infusion in sedated sheep: evidence for a selective increase of hepatic artery blood flow and loss of the hepatic arterial buffer response.

Acta Physiol Scand 1993; 147:251-61.

Schiffer ER, Schwieger IM, Gosteli P, Poinsot O, Mentha G, Morel DR.

Systemic and splanchnic oxygen supply-demand relationship with fenoldopam, dopamine and noradrenaline in sheep.

Eur J Pharmacol. 1995; 286:49-60.

Schwieger IM, Schiffer ER, Morel DR.

Effects of fenoldopam on systemic and splanchnic haemodynamics and oxygen delivery/consumption relationship during hyperdynamic ovine endotoxaemia.

Intensive Care Med. 1998; 24:509-18.

Schiffer E, Van Gessel E, Gamulin Z.

Influence of sex on cerebrospinal fluid density in adults.

Br J Anaesth. 1999; 83:943-4.

Kondo-Oestreicher M, Chizzolini C, Tissot JD, Girardet C, **Schiffer E**, Reymond JM, Schifferli JA.

Hypocomplementemic panniculitis with paraprotein.

J Rheumatol. 2000; 27:1091-5.

Treggiari-Venzi M, Schiffer ER, Romand JA, Licker M, Morel DR.

Hepatic haemodynamic changes following inhibition of endothelium-derived relaxing and hyperpolarising factors in anaesthetised miniature pigs.

Schweiz Med Wochenschr. 2000; 130:608-16.

Burkhard PR, Rodrigo N, May D, Sztajzel R, Sanchez JC, Hochstrasser DF, **Schiffer E**, Reverdin A, Lacroix JS.

Assessing cerebrospinal fluid rhinorrhea: a two-dimensional electrophoresis approach.

Electrophoresis 2001; 22:1826-33.

Schiffer E, Van Gessel E, Fournier R, Weber A, Gamulin Z.

Cerebrospinal fluid density influences extent of plain bupivacaine spinal anesthesia.

Anesthesiology. 2002; 96:1325-30.

Landau R, Schiffer E, Morales M, Savoldelli G, Kern C.

The dose-sparing effect of clonidine added to ropivacaine for labor epidural analgesia.
Anesth Analg. 2002; 95:728-34.

Garnerin P, Schiffer E, Van Gessel E, Clergue F.

Root-cause analysis of an airway filter occlusion: a way to improve the reliability of the respiratory circuit.
Br J Anaesth. 2002; 89:633-5.

Schiffer ER, Reber G, De Moerloose P, Morel DR.

Evaluation of unfractionated heparin and recombinant hirudin on survival in a sustained ovine endotoxin shock model.
Crit Care Med. 2002; 30:2689-99.

Schiffer E, C. Housset, V. Barbu, D. Wendum, Colette Rey, Clergue F, R. Poupon, O. Rosmorduc.
Gefitinib, an EGFR inhibitor, prevents hepatocellular carcinoma development in the rat liver with cirrhosis.
Hepatology. 2005; 41:307-14.

Schiffer E, Majno P, Mentha G, Giostra E, Burri H, Klopfenstein CE, Beaussier M, Morel P, Hadengue A, Pastor CM.

Hepatopulmonary syndrome increases the postoperative mortality rate following liver transplantation: a prospective study in 90 patients.
Am J Transplant. 2006; 6:1430-7.

Beaussier M, Boughaba A, **Schiffer E, Debaene B, Lienhart A, d'Hollander A.**

Acute desflurane or sevoflurane exposure on a previously stabilized atracurium-induced neuromuscular block.
Eur J Anaesthesiol. 2006; 23:755-9.

Beaussier M, Wendum D, **Schiffer E, Dumont S, Rey C, Lienhart A, Housset C.**

Prominent contribution of portal mesenchymal cells to liver fibrosis in ischemic and obstructive cholestatic injuries.
Lab Invest. 2007; 87:292-303.

Fouassier L, Beaussier M, **Schiffer E, Rey C, Barbu V, Mergey M, Wendum D, Callard P, Scoazec JY, Lasnier E, Stieger B, Lienhart A, Housset C.**

Hypoxia-induced changes in the expression of rat hepatobiliary transporter genes.
Am J Physiol Gastrointest Liver Physiol. 2007; 293:G25-35.

Beaussier M, El'ayoubi H, **Schiffer E, Rollin M, Parc Y, Mazoit JX, Azizi L, Gervaz P, Rohr S, Biermann C, Lienhart A, Eledjam JJ.**

Continuous Preperitoneal Infusion of Ropivacaine Provides Effective Analgesia and Accelerates Recovery after Colorectal Surgery: A Randomized, Double-blind, Placebo-controlled Study. *Anesthesiology.* 2007; 107:461-468.

Frossard JL, **Schiffer E, Cikirkcioglu B, Bourquin J, Morel DR, Pastor CM.**

Opposite regulation of endothelial NO synthase by HSP90 and caveolin in liver and lungs of rats with hepatopulmonary syndrome.

Am J Physiol Gastrointest Liver Physiol. 2007; 293:G864-70.

Culebras X, Savoldelli GL, Van Gessel E, Klopfenstein CE, Saudan-Frei S, Schiffer E.

Low-dose sufentanil does not potentiate intrathecal morphine for perioperative analgesia after major colorectal surgery.

Can J Anesth. 2007; 54:811-7.

Pastor CM and **Schiffer E.**

Therapy Insight: Hepatopulmonary syndrome and orthotopic liver transplantation.

Nature Clinical Practice Gastroenterology & Hepatology. 2007; 4:614-21.

Klopfenstein CE, Schiffer E, C. Pastor, M. Beaussier, K. Francis, C. Soravia, FR. Herrmann.
Laparoscopic colon surgery: Unreliability of end-tidal CO₂ monitoring.
Acta Anesth Scand. 2008; 52:700-7.

Elia N, Culebras X, Mazza C, Schiffer E, Tramèr M.
Clonidine as an Adjuvant to Intrathecal Local Anesthetics for Surgery: A Meta-Analysis.
Reg Anesth Pain Med 2008; 33:159-67.

Savoldelli GL, Schiffer E.
Videolaryngoscopy for tracheal intubation: guiding channel or steering the endotracheal tube?
Can J Anesth. 2008; 55:59-60.