tively 95.06% vs 83.04% and 93.39% vs 76.34% (p 0.005). Graft survival between two groups was 92.75% vs. 78.44% (p0.01) after 1 year from OLTx and 89.41% vs. 70.19% (p0.004) after 5 years respectively.

During first year post-OLTx, more deaths occurred in the NS vs. S group (17 vs 4). During the five years of follow-up, the overall number of deaths was reduced in both groups, with no statistically significant difference (4 vs 1).

Number of risk factors do not affect 1-year and 5-year patient (p=0.37) and graft survival (p=0.12) between NS1 and NS2 subgroups.

Conclusions: ECD liver grafts can safely be used and allows recipients on the waiting list to have a greater chance of being transplanted. High rate mortality seen during the first 12 months post-OLTx suggests a careful selection and use of the ECD.

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ONE THOUSAND LIVER TRANSPLANTS FROM A SINGLE EUROPEAN CENTER

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Aim: To analize changes over time in donors, recipients and results of a series of 1000 liver transplants(LT) performed in our center.

Patients and Methods: Between 1985-2007,1000 LT were performed(789 adults,211 children). We have compared the first 100 LT with the last 200 among adults, and the first 100 with the last 100 among children.

Results:

Adults: Donors in the last period were older (30 years(r:7-64) vs 54.5 years(r:7-83),p<0.001)). The main cause of death during the 1st period was traffic accident(47%) and cerebrovascular disease in the 2st period(54.9%).

Recipients were older (53.5 years(r:16-66) vs 57.4 years(r:20-69),p<0.001) and had more comorbidity in the 2^{sep}period (DM 14%vs29.5%, HTA 6%vs14.3%;p<0.05). In the last period, there were more patients with HCC (14%vs27.5%,p<0.005) and patients HIV+started to be transplanted. In the 1^{sep}period, the surgical technique used was: Piggy-Back technique(45%), by-pass(33%) and classical(22%),(p<0.001). In the 2^{sep}period, the Piggy-Back technique was used in all patients. Initially, the T-tube was used in 46% and in the 2^{sep}period scarcely(6.6%),(p<0.05).

One-,3- and 4-year actuarial patient survival in the first and last period was 64%,50%,48% vs 86%,78%,75%, respectively,(p<0.05).

Children: During the last period, transplanted children were younger: 1.3 years(r:0.08-16.5) vs 4 years(r:0.6-15),(p<0.05). There were no differences in weight: 15kg(r:4.4-68) vs 10kg(r:2.5-78). The main reason for transplantation was biliary duct atresia in both groups. In the last group, more partial grafts were used (17%vs44.1%,p<0.05): less reduced grafts (15%vs20.4%), but more "split" (2%vs19.4%) and the beginning of the living donor(p<0.05).

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LIVER TRANSPLANTATION - BILIARY COMPLICATIONS

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Introduction: Early and late biliary complications still remain the Achille's heel of the liver transplantation, leading to increased morbidity with a reported negative incidence up to 64% in adult living donor liver transplantation (ALDLT).

Materials and methods: We reviewed 152 transplants in 144 patients who underwent liver transplantation between April 2000 and June 2008. Whole and partial liver transplants were 101 and 51 respectively (41 from living donors and 10 cadaveric split and reduced livers). We compared recipient's outcomes and biliary complications in these two groups to assess the impact of transplant type.

Results: Mean follow-up was 792 days (range, 1-2985 days), the patient overall survival rate was 72.2 % (1year survival = 76.1% and 5ys survival = 68.6%). Forty recipients (27.8%) died and 8 (5.5%) were retransplanted. Forty-nine biliary complications were present in 38 (26.3%) cases, 29 biliary leakages, 19 biliary stenosis and 1 lithiasis.

Conclusions: The transplantation program from Fundeni Clinical Institute is complex with all types of liver transplantation, both in adults and children and combined as well. The high incidence of biliary complications is associated with partial liver grafts. Along with the increase of liver transplantation procedures and experience of surgical team, improved results are expected.

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EVALUATION OF ADJUVANT TREATMENT WITH SORAFENIB AFTER OLT FOR HCC BEYOND MILAN CRITERIA. PRELIMINARY RESULTS

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Background: Liver transplantation (OLT) is considered as one of the optimum treatment modalities for HCC. Milan criteria have shown excellent results in terms of long term and diseasefree survival. Pre-transplant imaging techniques frequently understage patients with HCC, as evidenced by the final explant pathology. Sorafenib is a new targeted therapy for advanced HCC.

Conclusions: Despite the use of older donors, partial grafts, more comorbidity and extreme ages, survival has improved throughout the years.

Objective: To evaluate Sorafenib as an adjuvant treatment in patients transplanted for HCC outside Milan criteria.

Material and Methods: From January 2007 to December 2008, 75 patients underwent liver transplantation in our centre. HCC was the principal diagnosis in 17 patients and out of these, 6 patients were either beyond Milan criteria or presented with, or developed metastatic disease later on. These patients were treated with Sorafenib as adjuvant treatment and were on an mTor intor immunosuppression maintenance.

Patient and graft survival were both 7.5 months (2-21m), FP was 2223 ng/ml (3.7-11000). Secondary disease was 4 patients, HBV + ALD in 1 patient and ALD in 1 paone patient presented with recurrence 3 months after liver matter and 2 patients developed metastastes in bones respectively. There were episodes of acute rejection in treated with steroids boluses. Maintenance immunoion was mTor plus Calcineurin inhibitors in 5 patients patient was converted from mTor to MMF due to acute re-

Conclusions: Preliminary results showed that adjuvant treatment Scrafenib after OLT is likely to slow progression of the dis-

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LIVER TRANSPLANTATIONS FOR FULMINANT HEPATIC FAILURE RESULTS F A HIGH VOLUME CENTER

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Fulminant hepatic failure (FHF) is an uncommon and therapy, orthotopic liver transplantation (OLTX) remains of choise. Since now, only few investigations have been in this field. Purpose of this analysis was to present the present of a high volume trans-

and Methods: This retrospective analysis included 135 with FHF who underwent OLTX between 1988 and Ecology of FHF, patients demographic variables and labalues were analyzed and compared with postranplant Postoperative liver specific values were collected.

In the cohort of 135 transplantated patients, 44 (32.6%) and 91 (67.4%) females with a mean age 32 ± 17 years of transplantation. In most instances cause of FHF reinclear (44%) followed by hepatitis B infection (22.2%) induced hapatic failure (13.3%). The mean waiting time ble graft was 2 ± 2 days. Cold and warm ischemia time 125 ± 174 min und 44 ± 13 min respectively. Nine graft initial non-function. The mean hospital-stay was 47 ± 32 The 1 year survival was 82%. Gender and etiology of FHF correlate with posttransplant outcome (p=NS). At the POD the patients had following laboratory values: bilirubin = 1UL, INR 1.16±0.23 und ALT 92±81 IU/L.

Conclusions: This analysis demonstrates that OLTX due to FHF these 1-year survival over 80% with excellent postoperative graft function. Because of this positive results, OLTX represents the therapeutic option for patients with irreversible FHF.

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THE LONG-TERM SURVIVAL OF LIVER TRANSPLANT RECIPIENTS FOR HEPATITIS B AND D CIRRHOSIS IS INCREASED WHEN HEPATOCELLULAR CANCER IS PRESENT

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Introduction: In contrast to immunocompetent patients, individuals with multiple hepatitis virus infections have an improved outcome after liver transplantation. However, the effect of hepatocellular cancer (HCC) in patients transplanted for hepatitis B and D virus (HB/DV) cirrhosis is not well studied.

Purpose: To study the long-term survival outcomes of patients who underwent liver transplantation for HB/DV cirrhosis with and without HCC.

Methods: A total of 231 primary, adult, single-organ liver transplants were performed from 1990 to 2007. HB/DV was the cause of cirrhosis in 15.6% (n=36) of the patients. Nine patients died during the first three postoperative months from surgical complications. The rest 27 comprised the study group. Median follow-up was 1515 days.

Results: Study group mean patient survival was 3760 days (95% CI: 3013, 4507). Six patients (22.2%) were diagnosed with HCC in the liver explant. Mean patient survival was 3011 days (95% CI: 2344, 3679) and 4036 days (95% CI: 3002, 5070) for recipients without and with HCC respectively. The incidence of acute cellular rejection was 14.3% and 16.7% for HB/DV patients without and with HCC respectively (p=0.659). The incidence of microbial infections was 61.9% and 33.3% in patients without and with HCC respectively (p=0.219). HCC has not recurred in any of the six patients.

Conclusions: Mean long-term survival after liver transplantation for HB/DV and HCC surpasses 11 years. The superior survival of HCC patients is difficult to explain. The increased number (almost double) of microbial infections in the non-HCC population might be held accountable.

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BILIARY TRACT COMPLICATIONS AFTER ORTHOTOPIC LIVER TRANSPLANTATION: DO THEY STILL REMAIN THE ACHILLES

HEEL?

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Background/Aim: Biliary tract complications, once considered as the technical "Achilles heel" of orthotopic liver transplantations (OLTx), continue to be a challenging problem and a major cause of morbidity and mortality despite advances in surgical techniques, immunosuppression and postoperative management. The aim of this study was to document the clinical presentation and management of biliary complications (BC) after OLTx our center

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