



ELTR Newsletter



March 14, 2013

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Surgeons
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Hepatologists
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Andrew K Burroughs, *UK*
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ELTR Auditors

Vincent Karam, *France*
Bridget Gunson, *UK*
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Welcome to 6 new centres!

- . Baku (Azerbaijan)
- . Zagreb (Croatia)
- . Thessaloniki (Greece)
- . Tours (France)
- . Badajoz Hospital Infanta Cristina (Spain)
- . Ankara (Turkey)
- . The ELTR now accounts for 156 centres from 30 Countries

More than 100,000 Liver Transplantations at the last update!

- . Number of LT: 107,071 from 150 centres (May 1968 - December 2011)
- . Reduced: 2362, Split liver: 5532, Living donor: 4874, Domino: 818, DCD: 813
- . The specific analysis of each contributing centre is available in the website www.eltr.org. A confidential password have been distributed to all centres

4,874 Living Related LT!

- . 4874 procedures performed in 89 centres (Oct. 1991 - December 2011)
- . Donor post-operative mortality: 7/4874 (0.14%), Donor morbidity: 20% overall and 25% for right liver

More than 70% of the centres have been audited!

- . 108 centres have been audited since 1988
- . Since 2010, all the variables of the questionnaire are controlled
- . 5 additional centres will be audited in 2013 (Ospedale Pediatrico Bambino Gesù di Roma, Tartu, Heidelberg, Santander and Newcastle)
- . The ELTR Committee thanks all the centres that agreed to be audited

A New ELTR website

- . We are in a process of modernizing the ELTR data management and analysis procedures. Features of the new procedure are summarized in the opposite slide.
- The web-based platform will offer to the centres:
 - Better quality control
 - Speed of execution
 - More secure storage of data
 - Faster delivery of results for ELTR studies, presentations, publications...
- . A 3 years contract has been signed with Manettis® Company that will use SAS technology for this project.
- . The new ELTRweb platform will be operational end of 2013.
- . A workshop will be organized in Paris after the centres will have tested it during some weeks.

Old procedure	New features	New procedure
<ul style="list-style-type: none"> • Too large quantity of data for being managed by FileMaker® • Re-distribution of the database in case of changes in the questionnaire 		<ul style="list-style-type: none"> • Capture of data <u>on line</u> • No more dispatching of the database in the 2 ways
<ul style="list-style-type: none"> • Capture of data <u>out line</u> • Queries with increasing delay of corrections • Statistical figures & PP presentation & Website figures actualized manually 		<ul style="list-style-type: none"> • Queries & Corrections • Overall and center specific Statistics (pre-programed + personnalised) • PP & PDF documents & Website figures • Possibility to export data for each center and for ELTR studies • Audit trail : traceability of all data changes
Twice a year		In real time

ELTR collaborations

Eurotransplant Foundation

- . Three meetings were organized in Leiden and in Paris in order to progress in the setup of a procedure of data sharing
- . A revised version of the 2003 contract between ET and ELTR is currently in preparation

Liver Intensive Care Group of Europe (LICAGE)

- . An agreement will be signed between LICAGE and ELTR
- . To bring together specialists of all disciplines involved in the peri-operative and long-term care of LT recipients.

12 studies are currently in process

Survival of OLT in HCV/HIV coinfecting patients in Europe, Dr. José M. Miro, Barcelona.
Simultaneous combined heart-liver transplantations, Dr. Falk Rauchfuß, Prof. Utz Settmacher, Jena.
Situation of paediatric liver transplantation in Europe, Prof. Ulrich Baumann, Hannover.
Correlation of extended criteria donor grafts and recipient related risk factors, Dr. Gerd Silberhumer, Wien.
Outcome after liver transplantation for cholangiocarcinoma (CCA), Prof. Robert Porte, Groningen.
Liver Transplantation for NET in Europe, Prof. Yves Patrice Le Treut, Marseille.
Living related liver transplantation in Europe, Prof. René Adam, Villejuif.
Evaluation of MELD score, Prof. Andrew K Burroughs, London.
Split liver transplantation, Prof. René Adam, Villejuif.
Liver retransplantation (2 papers), Prof. Darius Mirza, Birmingham.
Liver transplantation for A1AT, Dr. Karin Kok (Robert Porte), Groningen.
European collaborative study on combined liver-kidney transplantation, Dr. Imre Fehervari, Hungary.
Auxiliary versus orthotopic liver transplantation for acute liver failure within Europe, Dr. Joris Blok & Prof. J. Ringers, Leiden.
Non-pathological prognostic factors in patients transplanted for HCC, Dr. Marc-Antoine Allard, Villejuif.
Multicenter study on the management of the bile duct during donor operation, preservation phase and LT, Dr. N. Meurisse & Prof. J. Pirenne, Leuven.
Liver transplantation for adenomatosis, Dr. Laurence Chiche, Bordeaux.
Rare causes of ALF, Dr. Philippe Ichai, Villejuif.

How to apply for an ELTR-based study?

Data from the ELTR data are available to ELITA members whose center is regularly providing data to the ELTR. Data should preferably be used for research and results of analyses of ELTR data can be published. To obtain data from the ELTR, a written request should be addressed to the Secretary of ELITA with copy to the ELTR custodian. This request should contain:

- . Title and description of the project
- . Specification of the data that should be obtained from the ELTR
- . Supporting letter by the program director
- . Names and affiliations of the investigators (max.3)
- . Disclosure statement regarding potential conflicts of interest (such as financial affiliations with pharmaceutical companies)

In case the investigator needs to collect additional data from the centers, it is possible to apply for an ELITA-ELTR scholarship. For more information about the ELITA-ELTR scholarship go to: <http://www.esot.org/Elita>

10 Recent ELTR publications

- [1] Hepatic Hemangiosarcoma: An Absolute Contraindication to Liver Transplantation-The European Liver Transplant Registry Experience. Orlando G, Adam R, Mirza D, Soderdahl G, Porte RJ, Paul A, Burroughs AK, Seiler CA, Colledan M, Graziadei I, Garcia Valdecasas JC, Pruvot FR, Karam V, Lerut J. Transplantation. 2013 Jan 24.
- [2] Liver transplantation for HBV-related cirrhosis in Europe: an ELTR study on evolution and outcomes. Burra P, Germani G, Adam R, Karam V, Marzano A, Lampertico P, Salizzoni M, Filipponi F, Klempnauer JL, Castaing D, Kilic M, Carlis LD, Neuhaus P, Yilmaz S, Paul A, Pinna AD, Burroughs AK, Russo FP. J Hepatol. 2013 Feb;58(2):287-96. doi: 10.1016/j.jhep.2012.10.016.
- [3] The use of fatty liver grafts in modern allocation systems: risk assessment by the balance of risk (BAR) score. Dutkowski P, Schlegel A, Slankamenac K, Oberkofler CE, Adam R, Burroughs AK, Schadde E, Müllhaupt B, Clavien PA. Ann Surg. 2012 Nov;256(5):861-8; discussion 868-9.
- [4] Evolution of indications and results of liver transplantation in Europe. A report from the European Liver Transplant Registry (ELTR). Adam R, Karam V, Delvart V, O'Grady J, Mirza D, Klempnauer J, Castaing D, Neuhaus P, Jamieson N, Salizzoni M, Pollard S, Lerut J, Paul A, Garcia-Valdecasas JC, Rodríguez FS, Burroughs A; All the contributing centers (www.eltr.org) and the European Liver and Intestine Transplant Association (ELITA). J Hepatol. 2012 Sep;57(3):675-88.
- [5] Liver transplantation for unresectable hepatocellular carcinoma in normal livers. Mergental H, Adam R, Ericzon BG, Kalicinski P, Mühlbacher F, Höckerstedt K, Klempnauer JL, Friman S, Broelsch CE, Manton G, Fernandez-Sellez C, van Hoek B, Fangmann J, Pirenne J, Muiesan P, Königsrainer A, Mirza DF, Lerut J, Detry O, Le Treut YP, Mazzaferro V, Löhle F, Berenguer M, Clavien PA, Rogiers X, Belghiti J, Kóbori L, Burra P, Wolf P, Schareck W, Pisarski P, Foss A, Filipponi F, Krawczyk M, Wolff M, Langrehr JM, Rolles K, Jamieson N, Hop WC, Porte RJ. J Hepatol. 2012 Aug;57(2):297-305.
- [6] Liver transplantation for acute liver failure in Europe: Outcomes over 20 years from the ELTR database. Germani G, Theodoridou E, Adam R, Karam V, Wendon J, O'Grady J, Burra P, Senzolo M, Mirza D, Castaing D, Klempnauer J, Pollard S, Paul A, Belghiti J, Tsochatzis E, Burroughs AK. J Hepatol. 2012 Aug;57(2):288-96.
- [7] The Eurotransplant Donor Risk Index in Liver Transplantation: ET-DRI. Braat AE, Blok JJ, Putter H, Adam R, Burroughs AK, Rahmel AO, Porte RJ, Rogiers X, Ringers J; for the European Liver and Intestine Transplant Association (ELITA) and Eurotransplant Liver Intestine Advisory Committee (ELIAC). Am J Transplant. 2012 Jul 23.
- [8] Validation of the donor risk index in orthotopic liver transplantation within the Eurotransplant region. Blok JJ, Braat AE, Adam R, Burroughs AK, Putter H, Kooreman NG, Rahmel AO, Porte RJ, Rogiers X, Ringers J; European Liver Intestine Transplant Association Eurotransplant Liver Intestine Advisory Committee; Eurotransplant Liver Intestine Advisory Committee. Liver Transpl. 2012 Jan;18(1):112-9.
- [9] Liver transplantation for erythropoietic protoporphyria in Europe. Wahlin S, Stal P, Adam R, Karam V, Porte R, Seehofer D, Gunson BK, Hillingsø J, Klempnauer JL, Schmidt J, Alexander G, O'Grady J, Clavien PA, Salizzoni M, Paul A, Rolles K, Ericzon BG, Harper P; European Liver and Intestine Transplant Association. Liver Transpl. 2011 Sep;17(9):1021-6.
- [10] Excellent survival after liver transplantation for isolated polycystic liver disease: an European Liver Transplant Registry study. van Keimpema L, Nevens F, Adam R, Porte RJ, Fikatas P, Becker T, Kirkegaard P, Metselaar HJ, Drenth JP; European Liver and Intestine Transplant Association. Transpl Int. 2011 Dec;24(12):1239-

- 1st of March : data until December
- 1st of October : data until June