

Manual for analysis of your own center's data

- (1) Go to the CTS website www.ctstransplant.org and select from the menu **Outcome Graphs** the option **Current Graphs**.

The screenshot shows the CTS website homepage. The navigation bar includes links for Home, Sitemap, Contact, and Imprint. Below the navigation is the CTS logo and the text "Collaborative Transplant Study University of Heidelberg Transplantation Immunology". A sidebar on the left lists various sections: Introduction, Participants, Methodology, Special Studies, Outcome Graphs (which is highlighted with a red circle), Sample Graphs, Current Graphs (also highlighted with a red circle), Graphics Archive, and Download / Forms. The main content area is titled "CTS Outcome Graphs" and states: "We currently provide a set of more than 2500 graphs. You can search for graph content descriptions using regular intervals." It includes two bullet points: "Sample graphs (freely accessible)" and "Current graphs (password-protected, CTS password required)".

- (2) Login with your **Username** (lower case k, h or l for the organ followed by the cts number of your center) and **Password** (three lower cases + three digits + three lower cases) which was sent to you previously.

The screenshot shows a login form with the title "Login". It instructs the user to enter their protected area with their username and password. It also provides a note for own center analysis. The form has two input fields: "Username" containing "k123" and "Password" containing a masked string. A red circle highlights both the "Username" field and the "Password" field. A "OK" button is located below the password field.

- (3) Select corresponding to your login the **organ** and a **diagram type** (**Functional Survival** meaning **Death Censored Graft Survival** and **Half Life** analysis generating linear regression curves on a logarithmic scale).

The screenshot shows the "CTS Current Graphs" selection page. It has three main sections: "Select Organs" (Kidney, Liver, Heart / Lung, Pancreas), "Select Diagram Type" (Graft Survival, Patient Survival, Functional Survival, Patient Half Life, Functional Half Life, Bar Diagram, Cancer Incidence), and "Special Selection" (Only Europe). A large red circle highlights the "Select Organs" and "Select Diagram Type" sections.

- (4) You can choose now the topic of interest and by clicking on the **plus** sign further subtopics.

The screenshot shows the "Search by Topic" section. It displays a hierarchical tree of topics. On the left, topics include Organ comparison, Transplant year, First transplant, retransplant, Relationship, graft type, Recipient and donor age, Race, gender, Histocompatibility, Immunosuppression, and Rejection treatment. On the right, topics include Original disease, Posttransplant cancer, Presensitization, crossmatch, Cytomegalovirus (CMV), Organ preservation, Creatinine, outcome grade, Hypertension, Dialysis (kidney), and Various other. There are "expand all" and "collapse all" buttons at the top right of the tree view.

- (5) If you click on the title of a topic or search for keywords, a list of links to the corresponding figures with title and curve legends will appear. Simple basic figures are listed when the search term **basicstat** is entered.

Search for Keywords **Search**

Search Results (Found 15 matches for keyword: basicstat)

Show All Results (Restriction to maximum 100 graphs)

OR

Show Selected Graphs (Click on check box on far right to select graphs)

OR

Click on a link below to view single graph

- [Graft Survival, Deceased Donor Kidney Transplants 1990-2013](#) First TX
- [Number of Transplant, Kidney Transplants 1990-2013](#) First TX, Retransplant
- [Transplant Year, Kidney Transplants](#) 2010-2013, 2005-2009, 2000-2004, 1995-1999, 1990-1994, 1985-1989

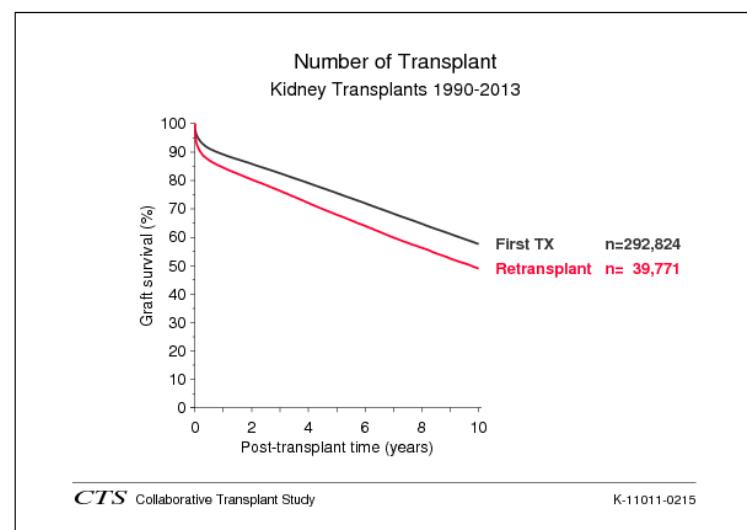
- (6) You can either generate a single figure by clicking on the title **or** all listed figures (**click Show all results**) **or** any figure from the list (check the corresponding boxes on the right and press **Show Selected Graphs**) in a separate window.

These graphs are now calculated with **all CTS data**. In the footnote on the lower right side you will find an identifier of the graph including the month and year of the data status which you should cite if you wish to use the graph in publications.

- (7) You can copy the graph or download it in higher quality in **PDF format** (black/white or color) or as **PowerPoint slide** or **pixel graphics (png)**, depending on your requirements.
- (8) Finally, by clicking on the link **Select corresponding analysis of your own center** you will be able to generate the corresponding chart with your own center's data.

- (9) There are options to modify the period of transplantation (from **First** transplant **Year** ... to **Last** transplant **Year** ...) and the length of the **X-Axis, No. Years** (Post-transplant time). If you press the button **Show own center**, you will receive the figure with **your own center's data**.

- (10) If you select the function **Stat**, results of the Kaplan-Meier survival analysis with tables on survival rates, standard errors, log-rank p-values and number of patients with follow up will be shown.



Download:

PDF B/W print PDF Color print PowerPoint Image (PNG)

[Select corresponding analysis of your own center](#)

