**Practical 2- Survival Analysis**

**Open Survuyg2.sav database on SPSS. This dataset consists of 175 patients follow-up data, who have been admitted to the DEÜ Emergency Service with acute myocardial infarction in 2000.**

1. Show the descriptive statistics for the variables in the dataset.
   1. What percent of patients are female?
   2. Age of the patients and follow-up time in days
   3. By the end of 28 days how many patients were alive
2. Compose the lifetable with 3 mo intervals for all the patients. How many were lost to follow-up. What is the cumulative survival at the end of 6 months?
3. Draw the Kaplan Meier Survival curve for the same patients. At which months did deaths occured? What is the median survival time?
4. Compare the male and femake survival curves with log rank testi. Is there a difference between genders?
5. Build a model to analyze the factors affecting the death risk in AMI patients. Which variables would you choose? Which methods do you use?