

## **Plasmapheresis Station pbc.**

name of company

82 Táncsics M. Street, Gödöllő Tel: 28-532-100

address of company, phone number

### **Business report**

2005 annual report



About the activity of the Plasmapheresis Station Medical Services pbc. in 2005. The Hungarian blood supply network has provided the labile blood products that are essential in medical attendance by using plasma originating from voluntary and unpayed blood donation for more than fifty years. Numerous medications, eg. some that are essential for people suffering from haemophilia is produced of the plasma that is not used directly in medical attendance. The demand for blood-plasma is increasing as more and more cleaned products are manufactured. Today the biggest professional challenge for all the national blood supply services is to provide safe blood-plasma of appropriate quantity and quality. By processing the 450-500 thousand units of blood that is taken annually the National Blood Supply Service provides enough fresh frozen plasma (FFP) to fulfill the demands set up by modern therapeutic principles, and the remaining FFP is used for industrial production of stable blood products. The health insurer purchases 50 million units of the so called factor 8 that is very important in the treatment of people suffering from haemophilia. Only 14 million units of this product is made of plasma that was donated in the home country. It means that more plasma is needed. But this overage can not be obtained by separating the plasma from the donated blood. The recommendation of the Council of Europe says that „where the plasma amount fulfilling the fractionation demands can not be provided by blood donation, plasmapheresis should be facilitated”. The Plasmapheresis Station Medical Services pbc. (hereafter company) started its actual professional activity on 01 October 2005. The exclusive professional activity of the company is connected to blood supply - as a public task. It collects blood-plasma from volunteers with a practice and technology that are accepted internationally to provide material for the Teva Pharmaceutical Industries Ltd. to produce life-saver medications. Blood-plasma is prepared by automated plasmapheresis procedure, which means that the blood taken from the donor is centrifuged and filtered by a special machine next to the bed of the blood-donor. With this technique blood cells are separated from blood-plasma. Normally 600 -700 ml plasma can be donated at one occasion. This amount of plasma is reproduced by the body of a healthy adult in 3-4 days. (In the international practice donors usually give plasma 20-25 times a year.) Although it is proved by several scientific trials that regular plasma-donation has no harmful effects on the body, frequent screening examinations are performed on the plasma-donors. Donors are not payed for giving blood-plasma and the produced medications are provided for the indigent patients for free -with the support of the National Insurance. This practice suits the conventional practice of the European Community. The Plasmapheresis Station pbc. functions at a place rented from the Hospital in the Street Péterfy Sándor. Under an agreement with the hospital all the tasks related to the protection of the environment like the treatment of dangerous waste are solved together.

**Aims for the future:** The accomplished Plasmapheresis Station is able to accept 80-90 donors a day. The substantial condition of the activity is the recruitment of enough donors. To achieve this aim an extensive informing propaganda is needed. Therefore the main activity in the first three months was to organize conversations, presentations and advertisement spots in the media. As an effect of this activity the number of donors increased continuously, but because of the imbalance

between the expenses of the activity and the amount of the prepared plasma the activity was loss-making in the first three months. From January 2006 we figure on 1980 plasmapheresis per month in average for the whole year that ensures the economic activity of the company.

Gödöllő, 30. March 2006.

Dr. Béla Illés

president