Questionnaire KAI
Blood products for Jehovah's Witnesses

Klinik für Anästhesiologie &
Operative Intensivmedizin

Surname, name _____

Date of birth _____

Patient ID _____

Address, postal code _____

Health insurance _____

Dear patient,

you are scheduled for a surgical procedure, that poses a possible risk of relevant blood loss. A low red blood cell count (erythrocytes) and contained oxygen carriers (haemoglobin) may impair circulation and blood pressure, possibly leading to inadequate supply of organs (heart, brain, kidneys). Additionally, with bleeding the body loses coagulation factors, so blood clot production might be reduced. In case of excessive bleeding, this might be life-threatening or even fatal.

To prevent acute as well as chronic organ dysfunction and support blood clot production, the use of blood, blood parts or coagulation factors might be indicated.

Our department provides different products and devices. Please mark your personal decision for each option on the second page. For better understanding, blood products and coagulation factors are named according to the wording of Jehovah's Witnesses.

I am aware of the possible long-term consequences of a refusal of blood and blood products (death, physical or mental impairment, permanent organ damage). I had sufficient opportunity to clarify all my questions in a personal consultation.

_____ _____

place, date place, date

_____ _____

patient's signature anaesthetist's signature

Patient Label

Klinik für Anästhesiologie & Operative Intensivmedizin

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|---|---|---|
| **Primary Components** | **Erythrocyte concentrate**<br>Processed, purified, human red blood cells. | [ ] I accept the treatment.<br>[ ] I refuse the treatment. |
| | **Fresh frozen plasma**<br>Processed, purified, human plasma, contains coagulation factors. | [ ] I accept the treatment.<br>[ ] I refuse the treatment. |
| | **Platelet concentrate**<br>Processed, purified, human platelets. | [ ] I accept the treatment.<br>[ ] I refuse the treatment. |
| **Whole Blood** | **Autologous predeposit donation**<br>Donation of own blood 4-8 weeks pre-operatively. Processing and storage (max. 49 days) in blood bank. | [ ] I accept the treatment.<br>[ ] I refuse the treatment. |
| **Plasma Fractions** | **Coagulation factor concentrates (fibrinogen, PCC, factor 7, factor 13)**<br>Purified and isolated coagulation factors as powder for dilution. Derived from human blood. | [ ] I accept the treatment.<br>[ ] I refuse the treatment. |
| | **Immunoglobulins**<br>Processed antibodies derived from human blood. Used in auto-immune disorders, e.g. in plasmapheresis (plasma exchange). | [ ] I accept the treatment.<br>[ ] I refuse the treatment. |
| | **Albumin**<br>Blood protein, e.g. medically used to restore and maintain blood volume. Derived from human blood plasma. | [ ] I accept the treatment.<br>[ ] I refuse the treatment. |
| | **Fibrin**<br>Surgical glue for local haemostasis during surgery. Derived from human blood. | [ ] I accept the treatment.<br>[ ] I refuse the treatment. |
| **Machine Based Treatments** | **Cell Salvage**<br>Procedure, that collects the patient's lost blood during surgery and purifies it, so that own erythrocytes can be reinfused to the patient. No storage of blood or foreign blood used. | [ ] I accept the treatment.<br>[ ] I refuse the treatment. |
| | **Cardiopulmonary bypass / ECMO**<br>Machine, that supports or replaces the function of lung and / or heart. Outside the body, the patient's blood is supplied with oxygen and cleaned from $CO_2$, before it is returned to the body. The blood remains in a closed circuit, and no foreign blood is used. | [ ] I accept the treatment.<br>[ ] I refuse the treatment. |
| | **Dialysis**<br>Blood cleaning for temporarily or permanently insufficient kidney function. The blood remains in a closed circuit, and no foreign blood is used. | [ ] I accept the treatment.<br>[ ] I refuse the treatment. |
| **Drugs** | **Tranexamic acid**<br>Drug to support coagulation. Produced without the use of human blood. | [ ] I accept the treatment.<br>[ ] I refuse the treatment. |
| | **Iron preparations**<br>Synthetically produced iron to support the body's erythrocyte production (first effects after weeks). Produced without the use of human blood. | [ ] I accept the treatment.<br>[ ] I refuse the treatment. |
| | **Erythropoietin**<br>Human hormone that stimulates the production of erythrocytes (effects after weeks). Produced genetically in animal cells, contains no blood parts. | [ ] I accept the treatment.<br>[ ] I refuse the treatment. |